

---

---

UNITED STATES  
DEPARTMENT OF AGRICULTURE

NATIONAL AGRICULTURAL STATISTICS SERVICE

**AGRICULTURAL  
STATISTICS  
2004**



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON: 2004

---

---

For sale by the U.S. Government Printing Office  
Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402-9328  
ISBN 0-16-036158-3

# Agricultural Statistics, 2004

*Agricultural Statistics, 2004* was prepared under the direction of FORESTINE CHAPMAN, Agricultural Statistics Board, National Agricultural Statistics Service. ROSE M. PETRONE was responsible for coordination and technical editorial work.

The USDA and NASS invite you to explore their information on the Internet. The USDA Home Page address is <http://www.usda.gov/> and the NASS Home Page address is: <http://www.usda.gov/nass/>.

For information on NASS products you may call the **Agricultural Statistics Hotline, 1-800-727-9540** or send e-mail to [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

The cooperation of the many contributors to this publication is gratefully acknowledged. Source notes below each table credit the various Government agencies which collaborated in furnishing information.

## CONTENTS

|   | Page   |  | Page       |
|---|--------|--|------------|
| Introduction .....                                  | iii    | VII—Cattle, hogs, and sheep:                           |            |
| Weights, measures, and conversion factors .....     | iv     | Cattle and calves .....                                | VII-1      |
| I—Grain and feed:                                   |        | Hogs .....   | VII-18     |
| Total grain supply .....                            | I-1    | Sheep and lambs .....                                  | VII-27     |
| Food grains:  |        | Wool .....   | VII-35     |
| Wheat .....   | I-1    | Goats and mohair .....                                 | VII-40     |
| Rye .....   | I-13   | Meats .....  | VII-41     |
| Rice .....  | I-16   | Hides .....  | VII-47     |
| Feed grains:  |        | Livestock numbers .....                                | VII-50     |
| Corn .....  | I-24   | VIII—Dairy and poultry statistics:                     |            |
| Oats .....  | I-32   | Cows, milk .....                                       | VIII-1     |
| Barley .....  | I-36   | Chickens .....   | VIII-28    |
| Sorghum .....                                       | I-41   | Dairy products .....                                   | VIII-14    |
| Grain consumption .....                             | I-47   | Turkeys .....  | VIII-38    |
| Animal units fed .....                              | I-48   | Eggs .....   | VIII-41    |
| Feedstuffs .....                                    | I-49   | IX—Farm resources, income and expenses:                |            |
| II—Cotton, tobacco, sugar crops, and honey:         |        | Economic trends .....                                  | IX-1       |
| Cotton .....  | II-1   | Farm property .....                                    | IX-2       |
| Sugarbeets .....                                    | II-13  | Farm labor .....                                       | IX-13      |
| Sugar .....   | II-16  | Farm production and distribution .....                 | IX-16      |
| Honey .....   | II-23  | Prices and income .....                                | IX-26      |
| Beeswax .....                                       | II-24  | Costs and expenses .....                               | IX-39      |
| Syrups .....  | II-26  | X—Taxes, insurance, credit, and cooperatives:          |            |
| Tobacco .....                                       | II-27  | Taxes and insurance .....                              | X-1        |
| III—Oilseeds, fats, and oils:                       |        | Credit and loan programs .....                         | X-14       |
| Cottonseed .....                                    | III-1  | Farmers' cooperatives .....                            | X-17       |
| Flaxseed .....                                      | III-5  | Rural utilities .....                                  | X-18       |
| Peanuts .....                                       | III-8  | XI—Stabilization and price-support programs:           |            |
| Soybeans .....                                      | III-13 | Price support .....                                    | XI-1       |
| Sunflower .....                                     | III-20 | Payments to producers .....                            | XI-9       |
| Peppermint and spearmint .....                      | III-23 | Marketing agreements and orders .....                  | XI-14      |
| Olive oil .....                                     | III-24 | XII—Agricultural conservation and forestry statistics: |            |
| Margarine .....                                     | III-24 | Conservation Reserve Programs .....                    | XII-1      |
| Shortening .....                                    | III-25 | Soil conservation programs .....                       | XII-13     |
| Fats and oils .....                                 | III-26 | Forestry .....   | XII-15     |
| IV—Vegetables and melons:                           |        | XIII—Consumption and family living:                    |            |
| Vegetables and melons .....                         | IV-1   | Population .....                                       | XIII-1     |
| Vegetable and shipments .....                       | IV-30  | Food consumption and nutrition .....                   | XIII-1     |
| Vegetable utilization .....                         | IV-31  | Prices at retail levels .....                          | XIII-10    |
| Commercial pack .....                               | IV-32  | Food service establishments .....                      | XIII-10    |
| V—Fruits, tree nuts, and horticultural specialties: |        | XIV—Fertilizers and pesticides:                        |            |
| Fruits .....  | V-1    | Field crops .....                                      | XIV-1      |
| Tree nuts .....                                     | V-37   | Fruits .....   | XIV-13     |
| Cocoa beans, coffee, and tea .....                  | V-42   | Vegetables .....                                       | XIV-14     |
| Mushrooms .....                                     | V-45   | XV—Miscellaneous agricultural statistics:              |            |
| Flowers .....                                       | V-47   | Agricultural imports and exports .....                 | XV-2       |
| VI—Hay, seeds, and minor field crops:               |        | Fishery statistics .....                               | XV-10      |
| Hay .....   | VI-1   | Refrigeration statistics .....                         | XV-27      |
| Seeds .....   | VI-6   | Alaska statistics .....                                | XV-29      |
| Beans, dry edible .....                             | VI-7   | Crop rankings .....                                    | XV-30      |
| Peas, dry .....                                     | VI-10  | Crop progress .....                                    | XV-31      |
| Hops .....  | VI-11  | Appendix I:  |            |
|   |        | Telephone contact list .....                           | Appendix-1 |
|   |        | Index .....  | Index-1    |

# Introduction

*Agricultural Statistics* is published each year to meet the diverse need for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture.

The historical series in this volume have been generally limited to data beginning with 1993 or later.

Foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every five years and check data from various sources. Being estimates, they are subject to revision as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

## DEFINITIONS

“Value of production” as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in value of production. The word “Value” is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of the date.

The word “Year” (alone) in a column heading means calendar year unless otherwise indicated. “Ton” when used in this book without qualifications means a short ton of 2,000 pounds.

**WEIGHTS, MEASURES, AND CONVERSION FACTORS**

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U.S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

**WEIGHTS, MEASURES, AND CONVERSION FACTORS**  
(See explanatory text just preceding this table)

**WEIGHTS AND MEASURES**

| Commodity                   | Unit <sup>1</sup>  | Approximate net weight |                  | Commodity                    | Unit <sup>1</sup>                                     | Approximate net weight |                  |
|-----------------------------|--|------------------------|------------------|------------------------------|---|------------------------|------------------|
|                             |  | U.S.                   | Metric           |                              |   | U.S.                   | Metric           |
|                             |  | <i>Pounds</i>          | <i>Kilograms</i> |                              |   | <i>Pounds</i>          | <i>Kilograms</i> |
| Alfalfa seed .....          | Bushel .....   | 60                     | 27.2             | Celery .....                 | Crate <sup>a</sup> .....                              | 60                     | 27.2             |
| Apples .....                | do .....   | 48                     | 21.8             | Cherries .....               | Lug (Campbell) <sup>9</sup> .....                     | 16                     | 7.3              |
| Do .....                    | Loose pack .....   | 38-42                  | 17.2-19.1        | Do .....                     | Lug .....   | 20                     | 9.1              |
| Do .....                    | Tray pack .....  | 40-45                  | 18.1-20.4        | Clover seed .....            | Bushel .....  | 60                     | 27.2             |
| Do .....                    | Cell pack .....  | 37-41                  | 16.8-18.6        | Coffee .....                 | Bag .....   | 132.3                  | 60               |
| Apricots .....              | Lug (brentwood) <sup>2</sup> .....                                 | 24                     | 10.9             | Corn:                        |   |                        |                  |
| Western .....               | 4-basket crate <sup>3</sup> .....                                  | 26                     | 11.8             | Ear, husked ..               | Bushel .....  | 10 70                  | 31.8             |
| Artichokes:                 |  |                        |                  | Shelled .....                | do .....  | 56                     | 25.4             |
| Globe .....                 | Ctn, by count and loose pack .....                                 | 20-25                  | 9.1-11.3         | Meal .....                   | do .....  | 50                     | 22.7             |
| Jerusalem .....             | Bushel .....   | 50                     | 22.7             | Oil .....                    | Gallon .....  | 7 7.7                  | 3.5              |
| Asparagus .....             | Crate (NJ) .....   | 30                     | 13.6             | Syrup .....                  | do .....  | 11 7.2                 | 5.3              |
| Avocados .....              | Lug <sup>4</sup> .....   | 12-15                  | 5.4-6.8          | Sweet .....                  | Wirebound   |                        |                  |
| Bananas .....               | Fiber folding box <sup>5</sup> .....                               | 40                     | 18.1             | Do .....                     | crate .....   | 50                     | 22.7             |
| Barley .....                | Bushel .....   | 48                     | 21.8             | Do .....                     | Ctn, packed 5 oz. ears .....                          | 50                     | 22.7             |
| Beans:                      |  |                        |                  | Do .....                     | WDB crate, 4 1/2-5 oz. (from FL & NJ) .....           | 42                     | 19.1             |
| Lima, dry .....             | do .....   | 56                     | 25.4             | Cotton .....                 | Bale, gross .....                                     | 11 500                 | 227              |
| Other, dry .....            | do .....   | 60                     | 27.2             | Do .....                     | Bale, net .....                                       | 11 480                 | 218              |
| Lima unshelled              | Sack .....   | 100                    | 45.4             | Cottonseed .....             | Bushel .....  | 12 32                  | 14.5             |
| Snap .....                  | do .....   | 28-32                  | 12.7-14.5        | Cottonseed oil ...           | Gallon .....  | 7 7.7                  | 3.5              |
| Beets:                      |  |                        |                  | Cowpeas .....                | Bushel .....  | 60                     | 27.2             |
| Topped .....                | Sack .....   | 25                     | 11.3             | Cranberries .....            | Barrel .....  | 100                    | 45.4             |
| Bunched .....               | 1/2 crate 2 dz-bchs .....  | 36-40                  | 16.3-18.1        | Do .....                     | 1/4-bbl. box <sup>13</sup> .....                      | 25                     | 11.3             |
| Berries frozen pack:        |  |                        |                  | Cream, 40-percent butterfat  | Gallon .....  | 8.38                   | 3.80             |
| Without sugar               | 50-gal. barrel ...   | 380                    | 172              | Cucumbers .....              | Bushel .....  | 48                     | 21.8             |
| 3 + 1 pack .....            | do .....   | 425                    | 193              | Dewberries .....             | 24-qt. crate .....                                    | 36                     | 16.3             |
| 2 + 1 pack .....            | do .....   | 450                    | 204              | Eggplant .....               | Bushel .....  | 33                     | 15.0             |
| Blackberries .....          | 12, 1/2-pint basket .....  | 6                      | 2.7              | Eggs, average size .....     | Case, 30 dozen .....                                  | 47.0                   | 21.3             |
| Bluegrass seed              | Bushel .....   | 14-30                  | 6.4-13.6         | Escarole .....               | Bushel .....  | 25                     | 11.3             |
| Broccoli .....              | Wirebound crate .....  | 20-25                  | 9.1-11.3         | Figs, fresh .....            | Box single layer <sup>14</sup> .....                  | 6                      | 2.7              |
| Broomcorn (6 bales per ton) | Bale .....   | 333                    | 151              | Flaxseed .....               | Bushel .....  | 56                     | 25.4             |
| Broomcorn seed              | Bushel .....   | 44-50                  | 20.0-22.7        | Flour, various ..            | Bag .....   | 100                    | 45.4             |
| Brussels sprouts            | Ctn, loose pack .....  | 25                     | 11.3             | Do .....                     | Ctn or Crate, Bulk .....                              | 30                     | 13.6             |
| Buckwheat .....             | Bushel .....   | 48                     | 21.8             | Garlic .....                 | Ctn of 12 tubes or 12 film bag pkgs 12 cloves each .. | 10                     | 4.5              |
| Butter .....                | Block .....  | 55,68                  | 25,30.9          | Grapefruit:                  |   |                        |                  |
| Cabbage .....               | Open mesh bag  | 50                     | 22.7             | Florida and Texas .....      | 1/2-box mesh bag .....                                | 40                     | 18.1             |
| Do .....                    | Flat crate (1 3/4 bu) .....  | 50-60                  | 22.7-27.2        | Florida .....                | 1 3/8 bu. box .....                                   | 85                     | 38.6             |
| Do .....                    | Ctn, place pack  | 53                     | 24.0             | Texas .....                  | 1 7/8 bu. box .....                                   | 80                     | 36.3             |
| Cantaloups .....            | Crate <sup>6</sup> .....   | 40                     | 18.1             | California and Arizona ..... | Box <sup>15</sup> .....                               | 16 67                  | 30.4             |
| Carrots .....               | Film plastic   |                        |                  | Grapes:                      |   |                        |                  |
|                             | Bags, mesh sacks & cartons holding 48 1 lb. film bags .....        | 55                     | 24.9             | Eastern .....                | 12-qt. basket ...                                     | 20                     | 9.1              |
| Without tops ..             | Burlap sack .....  | 74-80                  | 33.6-36.3        | Western .....                | Lug .....   | 28                     | 12.7             |
| Castor beans ...            | Bushel .....   | 41                     | 18.6             | Do .....                     | 4-basket crate <sup>17</sup> .....                    | 20                     | 9.1              |
| Castor oil .....            | Gallon .....   | 7 8                    | 3.6              | Hempseed .....               | Bushel .....  | 44                     | 20.0             |
| Cauliflower .....           | W.G.A. crate .....   | 50-60                  | 22.7-27.2        | Hickory nuts .....           | do .....  | 50                     | 22.7             |
| Do .....                    | Fiberboard box wrapper leaves removed film-wrapped, 2 layers ..... | 23-35                  | 10.4-15.9        | Honey .....                  | Gallon .....  | 11.84                  | 5.4              |
|                             |  |                        |                  | Honeydew melons .....        | 2/3 Ctn .....   | 28-32                  | 12.7-14.5        |
|                             |  |                        |                  | Hops .....                   | Bale, gross .....                                     | 200                    | 90.7             |

See footnotes on page ix.

## WEIGHTS AND MEASURES—Continued

| Commodity                    | Unit <sup>1</sup>               | Approximate net weight |                  | Commodity                             | Unit <sup>1</sup>              | Approximate net weight |                  |
|------------------------------|---------------------------------|------------------------|------------------|---------------------------------------|--------------------------------|------------------------|------------------|
|                              |                                 | U.S.                   | Metric           |                                       |                                | U.S.                   | Metric           |
|                              |                                 | <i>Pounds</i>          | <i>Kilograms</i> |                                       |                                | <i>Pounds</i>          | <i>Kilograms</i> |
| Horseradish roots .....      | Bushel .....                    | 35                     | 15.9             | Do .....                              | Std box, 4/5 bu                | 45-48                  | 20.4-21.8        |
| Do .....                     | Sack .....                      | 50                     | 22.7             | Do .....                              | Ctn, Tight-fill pack .....     | 36-37                  | 16.3-16.7        |
| Hungarian millet seed .....  | Bushel .....                    | 48-50                  | 21.8-22.7        | Peas:                                 |                                |                        |                  |
| Kale .....                   | Ctn or crate .....              | 25                     | 11.3             | Green, unshelled ..                   | Bushel .....                   | 28-30                  | 12.7-13.6        |
| Kapok seed .....             | .....do .....                   | 35-40                  | 15.9-18.1        | Dry .....                             | .....do .....                  | 60                     | 27.2             |
| Lard .....                   | Tierce .....                    | 375                    | 170              | Peppers, green .....                  | .....do .....                  | 25-30                  | 11.3-13.6        |
| Lemons:                      |                                 |                        |                  | Do .....                              | 1½ bu carton .....             | 28                     | 12.7             |
| California and Arizona ..... | Box <sup>18</sup> .....         | 76                     | 34.5             | Perilla seed .....                    | Bushel .....                   | 37-40                  | 16.8-18.1        |
| Do .....                     | Carton .....                    | 38                     | 17.2             | Pineapples .....                      | Carton .....                   | 40                     | 18.1             |
| Lentils .....                | Bushel .....                    | 60                     | 27.2             | Plums and prunes:                     |                                |                        |                  |
| Lettuce, iceberg .....       | Iceberg, carton packed 24 ..... | 43-52                  | 19.5-23.6        | Do .....                              | Ctn & lugs .....               | 28                     | 12.7             |
| Lettuce, hot-house .....     | 24-qt. basket .....             | 10                     | 4.5              | Do .....                              | ½-bu. basket .....             | 30                     | 13.6             |
| Limes (Florida) .....        | Box .....                       | 88                     | 39.9             | Popcorn:                              |                                |                        |                  |
| Linseed oil .....            | Gallon .....                    | 7.7                    | 3.5              | On ear .....                          | Bushel .....                   | 1070                   | 31.8             |
| Malt .....                   | Bushel .....                    | 34                     | 15.4             | Shelled .....                         | .....do .....                  | 56                     | 25.4             |
| Maple syrup .....            | Gallon .....                    | 11.02                  | 5.0              | Poppy seed .....                      | .....do .....                  | 46                     | 20.9             |
| Meadow fescue seed .....     | Bushel .....                    | 24                     | 10.9             | Potatoes .....                        | Bushel .....                   | 60                     | 27.2             |
| Milk .....                   | Gallon .....                    | 8.6                    | 3.9              | Do .....                              | Barrel .....                   | 165                    | 74.8             |
| Millet .....                 | Bushel .....                    | 48-60                  | 21.8-27.2        | Do .....                              | Box .....                      | 50                     | 22.7             |
| Molasses:                    |                                 |                        |                  | Do .....                              | .....do .....                  | 100                    | 45.4             |
| edible .....                 | Gallon .....                    | 11.74                  | 5.3              | Quinces .....                         | Bushel .....                   | 48                     | 21.8             |
| inedible .....               | .....do .....                   | 11.74                  | 5.3              | Rapeseed .....                        | .....do .....                  | 50-60                  | 22.7-27.2        |
| Mustard seed .....           | Bushel .....                    | 58-60                  | 26.3-27.2        | Raspberries .....                     | ½-pint baskets .....           | 6                      | 2.7              |
| Oats .....                   | .....do .....                   | 32                     | 14.5             | Redtop seed .....                     | Bushel .....                   | 50-60                  | 22.7-27.2        |
| Olives .....                 | Lug .....                       | 25-30                  | 11.3-13.6        | Refiners' syrup .....                 | Gallon .....                   | 11.45                  | 5.2              |
| Olive oil .....              | Gallon .....                    | 7.6                    | 3.4              | Rice:                                 |                                |                        |                  |
| Onions, dry .....            | Sack .....                      | 50                     | 22.7             | Rough .....                           | Bushel .....                   | 45                     | 20.4             |
| Onions, green bunched .....  | Ctn, 24-dz bchs .....           | 10-16                  | 4.5-7.3          | Do .....                              | Bag .....                      | 100                    | 45.4             |
| Oranges:                     |                                 |                        |                  | Do .....                              | Barrel .....                   | 162                    | 73.5             |
| Florida .....                | Box .....                       | 90                     | 40.8             | Do .....                              | Pocket or bag .....            | 100                    | 45.4             |
| Texas .....                  | Box .....                       | 85                     | 38.5             | Rosin .....                           | Drum, net .....                | 520                    | 236              |
| California and Arizona ..... | Box <sup>15</sup> .....         | 75                     | 34.0             | Rutabagas .....                       | Bushel .....                   | 56                     | 25.4             |
| Do .....                     | Carton .....                    | 38                     | 17.2             | Rye .....                             | .....do .....                  | 56                     | 25.4             |
| Orchardgrass seed .....      | Bushel .....                    | 14                     | 6.4              | Sesame seed .....                     | .....do .....                  | 46                     | 20.9             |
| Palm oil .....               | Gallon .....                    | 7.7                    | 3.5              | Shallots .....                        | Crate (4-7 doz. bunches) ..... | 20-35                  | 9.1-15.9         |
| Parsnips .....               | Bushel .....                    | 50                     | 22.7             | Sorgo:                                |                                |                        |                  |
| Peaches .....                | .....do .....                   | 48                     | 21.8             | Seed .....                            | Bushel .....                   | 50                     | 22.7             |
| Do .....                     | 2 layer ctn or lug .....        | 22                     | 10.0             | Syrup .....                           | Gallon .....                   | 11.55                  | 5.2              |
| Do .....                     | ¾-Bu, Ctn/crate .....           | 38                     | 17.2             | Sorghum grain <sup>19</sup> .....     | Bushel .....                   | 56                     | 25.4             |
| Peanut oil .....             | Gallon .....                    | 7.7                    | 3.5              | Soybeans .....                        | .....do .....                  | 60                     | 27.2             |
| Peanuts, unshelled:          |                                 |                        |                  | Soybean oil .....                     | Gallon .....                   | 7.7                    | 3.5              |
| Virginia type ..             | Bushel .....                    | 17                     | 7.7              | Spelt .....                           | Bushel .....                   | 40                     | 18.1             |
| Runners, South-eastern ..... | .....do .....                   | 21                     | 9.5              | Spinach .....                         | .....do .....                  | 18-20                  | 8.2-9.1          |
| Spanish: South-eastern ..... | .....do .....                   | 25                     | 11.3             | Strawberries .....                    | 24-qt. crate .....             | 36                     | 16.3             |
| South-western ..             | .....do .....                   | 25                     | 11.3             | Do .....                              | 12-pt. crate .....             | 9-11                   | 4.1-5.0          |
| Pears:                       |                                 |                        |                  | Sudangrass seed .....                 | Bushel .....                   | 40                     | 18.1             |
| California .....             | Bushel .....                    | 48                     | 21.8             | Sugarcane:                            |                                |                        |                  |
| Other .....                  | .....do .....                   | 50                     | 22.7             | Syrup (sulfured or un-sulfured) ..... | Gallon .....                   | 11.45                  | 5.2              |
|                              |                                 |                        |                  | Sunflower seed .....                  | Bushel .....                   | 24-32                  | 10.9-14.5        |
|                              |                                 |                        |                  | Sweetpotatoes ..                      | .....do .....                  | <sup>20</sup> 55       | 24.9             |
|                              |                                 |                        |                  | Do .....                              | Crates .....                   | 50                     | 22.7             |
|                              |                                 |                        |                  | Tangerines:                           |                                |                        |                  |
|                              |                                 |                        |                  | Florida .....                         | Box .....                      | 95                     | 43.1             |
|                              |                                 |                        |                  | Arizona .....                         | Box .....                      | 75                     | 34.0             |
|                              |                                 |                        |                  | California .....                      | Box .....                      | 75                     | 34.0             |

See footnotes on page ix.

**WEIGHTS AND MEASURES—Continued**

| Commodity         | Unit <sup>1</sup>  | Approximate net weight |                          | Commodity         | Unit <sup>1</sup>        | Approximate net weight |           |
|-------------------|--------------------|------------------------|--------------------------|-------------------|--------------------------|------------------------|-----------|
|                   |                    | U.S.                   | Metric                   |                   |                          | U.S.                   | Metric    |
| Timothy seed .... | Bushel .....       | <i>Pounds</i><br>45    | <i>Kilograms</i><br>20.4 | Turnips:          |                          |                        |           |
| Tobacco:          |                    |                        |                          | Without tops ..   | Mesh sack .....          | 50                     | 22.7      |
| Maryland .....    | Hogshead .....     | 775                    | 352                      | Bunched .....     | Crate <sup>6</sup> ..... | 70-80                  | 31.8-36.3 |
| Flue-cured .....  | .....do .....      | 950                    | 431                      | Turpentine .....  | Gallon .....             | 7.23                   | 3.3       |
| Burley .....      | .....do .....      | 975                    | 442                      | Velvetbeans       |                          |                        |           |
| Dark air-cured    | .....do .....      | 1,150                  | 522                      | (hulled)          | Bushel .....             | 60                     | 27.2      |
| Virginia fire-    |                    |                        |                          | Vetch seed .....  | .....do .....            | 60                     | 27.2      |
| cured             | .....do .....      | 1,350                  | 612                      | Walnuts .....     | Sacks .....              | 50                     | 22.7      |
| Kentucky and      |                    |                        |                          | Water 60° F ..... | Gallon .....             | 8.33                   | 3.8       |
| Tennessee         |                    |                        |                          | Watermelons ....  | Melons of aver-          |                        |           |
| fire-cured        | .....do .....      | 1,500                  | 680                      | age or me-        | dium size .....          | 25                     | 11.3      |
| Cigar-leaf .....  | Case .....         | 250-365                | 113-166                  | Wheat .....       | Bushel .....             | 60                     | 27.2      |
| Do .....          | Bale .....         | 150-175                | 68.0-79.4                | Various com-      |                          |                        |           |
| Tomatoes .....    | Crate .....        | 60                     | 27.2                     | modities .....    | Short ton .....          | 2,000                  | 907       |
| Do .....          | Lug box .....      | 32                     | 14.5                     | Do .....          | Long ton .....           | 2,240                  | 1,016     |
| Do .....          | 2-layer flat ..... | 21                     | 9.5                      | Do .....          | Metric ton .....         | 2,204.6                | 1,000     |
| Tomatoes, hot-    |                    |                        |                          |                   |                          |                        |           |
| house             | 12-qt. basket .... | 20                     | 9.1                      |                   |                          |                        |           |
| Tung oil .....    | Gallon .....       | 77.8                   | 3.5                      |                   |                          |                        |           |

See footnotes on page ix.

**To Convert From Avoirdupois Pounds**

|                   |               |
|-------------------|---------------|
| To                | Multiply by   |
| Kilograms .....   | 0.45359237    |
| Metric tons ..... | 0.00045359237 |

**Conversion Factors**

- 1 Metric ton=2,204.622 pounds
- 1 Kilogram=2.2046 pounds
- 1 Acre=0.4047 hectares
- 1 Hectare=2.47 acres
- 1 Square mile=640 acres=259 hectares
- 1 Gallon=3.7853 liters

## CONVERSION FACTORS

| Commodity   | Unit                                    | Approximate equivalent  |
|---|---|---|
| Apples .....  | 1 pound dried .....                     | 7 pounds fresh; beginning 1943, 8 pounds fresh  |
| Do .....  | 1 pound chops .....                     | 5 pounds fresh  |
| Do .....  | 1 case canned <sup>21</sup> .....       | 1.4 bushels fresh   |
| Applesauce .....  | .....do <sup>21</sup> .....             | 1.2 bushels fresh   |
| Apricots .....  | 1 pound dried .....                     | 6 pounds fresh  |
| Barley flour .....  | 100 pounds .....                        | 4.59 bushels barley   |
| Beans, lima .....   | 1 pound shelled .....                   | 2 pounds unshelled  |
| Beans, snap or wax .....  | 1 case canned <sup>22</sup> .....       | 0.008 ton fresh   |
| Buckwheat flour .....   | 100 pounds .....                        | 3.47 bushels buckwheat  |
| Calves .....  | 1 pound live weight .....               | 0.611 pound dressed weight (1999 average)   |
| Cattle .....  | .....do .....                           | 0.607 pound dressed weight (1999 average)   |
| Cane syrup .....  | 1 gallon .....                          | 5 pounds sugar  |
| Cherries, tart .....  | 1 case canned <sup>21</sup> .....       | 0.023 ton fresh   |
| Chickens .....  | 1 pound live weight .....               | 0.72 pound ready-to-cook weight   |
| Corn, shelled .....   | 1 bushel (56 lbs.) .....                | 2 bushels (70 pounds) of husked ear corn  |
| Corn, sweet .....   | 1 case canned <sup>22</sup> .....       | 0.030 ton fresh   |
| Commeal:  |   |   |
| Degermed .....  | 100 pounds .....                        | 3.16 bushels corn, beginning 1946   |
| Nondegermed .....   | .....do .....                           | 2 bushels corn, beginning 1946  |
| Cotton .....  | 1 pound ginned .....                    | 3.26 pounds seed cotton, including trash <sup>23</sup>  |
| Cottonseed meal .....   | 1 pound .....                           | 2.10 pounds cottonseed  |
| Cottonseed oil .....  | .....do .....                           | 5.88 pounds cottonseed  |
| Dairy products:   |   |   |
| Butter .....  | .....do .....                           | 21.1 pounds milk  |
| Cheese .....  | .....do .....                           | 10 pounds milk  |
| Condensed milk, whole .....   | .....do .....                           | 2.3 pounds milk   |
| Dry cream .....   | .....do .....                           | 19 pounds milk  |
| Dry milk, whole .....   | .....do .....                           | 7.6 pounds milk   |
| Evaporated milk, whole .....  | .....do .....                           | 2.14 pounds milk  |
| MalTED milk .....   | .....do .....                           | 2.6 pounds milk   |
| Nonfat dry milk .....   | .....do .....                           | 11 pounds liquid skim milk  |
| Ice cream <sup>24</sup> .....   | 1 gallon .....                          | 15 pounds milk  |
| Ice cream <sup>24</sup> (eliminating fat from butter and concentrated milk) ..... | .....do .....                           | 12 pounds milk  |
| Eggs .....  | 1 case .....                            | 47 pounds   |
| Eggs, shell .....   | .....do .....                           | 41.2 pounds frozen or liquid whole eggs   |
| Do .....  | .....do .....                           | 10.3 pounds dried whole eggs  |
| Figs .....  | 1 pound dried .....                     | 3 pounds fresh in California; 4 pounds fresh elsewhere  |
| Flaxseed .....  | 1 bushel .....                          | About 2½ gallons oil  |
| Grapefruit, Florida .....   | 1 case canned juice <sup>22</sup> ..... | 0.64 box fresh fruit  |
| Hogs .....  | 1 pound live weight .....               | 0.737 pound dressed weight, excluding lard (1999 average)                                       |
| Linseed meal .....  | 1 pound .....                           | 1.51 pounds flaxseed  |
| Linseed oil .....   | .....do .....                           | 2.77 pounds flaxseed  |
| Malt .....  | 1 bushel (34 lbs.) .....                | 1 bushel barley (48 lbs.)   |
| Maple syrup .....   | 1 gallon .....                          | 8 pounds maple sugar  |
| Nuts:   |   |   |
| Almonds, imported .....   | 1 pound shelled .....                   | 3½ pounds unshelled   |
| Almonds, California .....   | .....do .....                           | 2.22 pounds unshelled through 1949; 2 pounds thereafter   |
| Brazil .....  | .....do .....                           | 2 pounds unshelled  |
| Cashews .....   | .....do .....                           | 4.55 pounds unshelled   |
| Chestnuts .....   | .....do .....                           | 1.19 pounds unshelled   |
| Filberts .....  | .....do .....                           | 2.22 pounds unshelled through 1949; 2.5 pounds thereafter                                       |
| Pecans:   |   |   |
| Seedling .....  | .....do .....                           | 2.78 pounds unshelled   |
| Improved .....  | .....do .....                           | 2.50 pounds unshelled   |
| Pignolias .....   | .....do .....                           | 1.3 pounds unshelled  |
| Pistachios .....  | .....do .....                           | 2 pounds unshelled  |
| Walnuts:  |   |   |
| Black .....   | .....do .....                           | 5.88 pounds unshelled   |
| Persian (English) .....   | .....do .....                           | 2.67 pounds unshelled   |
| Oatmeal .....   | 100 pounds .....                        | 7.6 bushels oats, beginning 1943  |
| Oranges, Florida .....  | 1 case canned juice <sup>22</sup> ..... | 0.53 box fresh  |
| Peaches, California, freestone .....  | 1 pound dried .....                     | 5½ pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6½ pounds fresh from 1929 to date |
| Peaches, California, clingstone .....   | .....do .....                           | 7½ pounds fresh   |
| Peaches, clingstone .....   | 1 case canned <sup>21</sup> .....       | 1 bushel fresh  |
| Do .....  | .....do .....                           | 0.0230 ton fresh  |
| Peanuts .....   | 1 pound shelled .....                   | 1½ pounds unshelled   |
| Pears .....   | 1 pound dried .....                     | 6½ pounds fresh   |
| Pears, Bartlett .....   | 1 case canned <sup>22</sup> .....       | 1.1 bushels fresh   |
| Do .....  | .....do .....                           | 0.026 ton fresh   |

See footnotes on page ix.



CONVERSION FACTORS—Continued

| Commodity                              | Unit                              | Approximate equivalent   |
|--|-----------------------------------|--|
| Peas, green .....                      | 1 pound shelled .....             | 2½ pounds unshelled  |
| Do .....                               | 1 case canned <sup>22</sup> ..... | 0.009 ton fresh (shelled)  |
| Prunes .....                           | 1 pound dried .....               | 2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere  |
| Raisins .....                          | 1 pound .....                     | 4.3 pounds fresh grapes  |
| Rice, milled (excluding brewers) ..... | 100 pounds .....                  | 152 pounds rough or unhulled rice  |
| Rye flour .....                        | .....do .....                     | 2.23 bushels rye, beginning 1947   |
| Sheep and lambs .....                  | 1 pound live weight .....         | 0.504 pound dressed weight (1999 average)  |
| Soybean meal .....                     | 1 pound .....                     | 1.27 pounds soybeans   |
| Soybean oil .....                      | .....do .....                     | 5.49 pounds soybeans   |
| Sugar .....                            | 1 ton raw .....                   | 0.9346 ton refined   |
| Tobacco .....                          | 1 pound farm-sales weight ..      | Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.) |
| Tomatoes .....                         | 1 case canned <sup>22</sup> ..... | 0.018 ton fresh  |
| Turkeys .....                          | 1 pound live weight .....         | 0.80 pound ready-to-cook weight  |
| Wheat flour .....                      | 100 pounds .....                  | 2.30 bushels wheat <sup>25</sup>   |
| Wool, domestic apparel shorn .....     | 1 pound greasy .....              | 0.48 pounds scoured  |
| Wool, domestic apparel pulled .....    | .....do .....                     | 0.73 pound scoured   |

<sup>1</sup> Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

<sup>2</sup> Approximate inside dimensions, 4½ by 12½ by 16½ inches.

<sup>3</sup> Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>4</sup> Approximate dimensions, 4½ by 13½ by 16½ inches.

<sup>5</sup> Approximate inside dimensions, 13 by 12 by 32 inches.

<sup>6</sup> Approximate inside dimensions, 13 by 18 by 21½ inches.

<sup>7</sup> This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

<sup>8</sup> Approximate inside dimensions, 9¾ by 16 by 20 inches.

<sup>9</sup> Approximate inside dimensions, 4½ by 11½ by 14 inches.

<sup>10</sup> The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it required 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

<sup>11</sup> For statistical purposes the bale of cotton is 500 pounds or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

<sup>12</sup> This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

<sup>13</sup> Approximate inside dimensions, 9¼ by 10½ by 15 inches.

<sup>14</sup> Approximate inside dimensions, 1¾ by 11 by 16½ inches.

<sup>15</sup> Approximate inside dimensions, 11½ by 11½ by 24 inches.

<sup>16</sup> Beginning with the 1993-94 season, net weights for California Desert Valley and Arizona grapefruit were increased from 64 to 67 pounds, equal to the California other area net weight, making a 67 pound net weight apply to all of California.

<sup>17</sup> Approximate inside dimensions, 4¾ by 16 by 16½ inches.

<sup>18</sup> Approximate inside dimensions, 9¾ by 13 by 25 inches.6 by 16 by 16½ inches.

<sup>19</sup> Includes both sorghum grain (kafir, milo, hegari, etc.) and sweet sorghum varieties.

<sup>20</sup> This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying and the net weight when sold in terminal markets may be below 55 pounds.

<sup>21</sup> Case of 24 No. 2½ cans.

<sup>22</sup> Case of 24 No. 303 cans.

<sup>23</sup> Varies widely by method of harvesting.

<sup>24</sup> The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

<sup>25</sup> This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushels; 1880-1908, 4.75 bushels, 1909-17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels; July 1944-Feb. 1946, 4.57 bushels; March 1946-Oct. 1946, average was about 4.31 bushels; and Nov. 1946-June 1957, 4.57 bushels.

# CHAPTER I

## STATISTICS OF GRAIN AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

**Table 1-1.—Total grain: Supply and disappearance, United States, 1994–2003<sup>1</sup>**

| Year <sup>2</sup>       | Supply              |                     |                     |                     | Disappearance       |                     |                     | Ending stocks       |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Beginning stocks    | Production          | Imports             | Total               | Domestic use        | Exports             | Total disappearance |                     |
|                         | Million metric tons | Million metric tons | Million metric tons | Million metric tons | Million metric tons | Million metric tons | Million metric tons | Million metric tons |
| 1994 .....              | 44.0                | 355.6               | 6.3                 | 405.9               | 246.1               | 99.2                | 345.3               | 60.5                |
| 1995 .....              | 60.5                | 277.3               | 5.0                 | 342.9               | 216.5               | 100.6               | 317.1               | 25.8                |
| 1996 .....              | 25.8                | 335.5               | 5.9                 | 367.2               | 244.5               | 82.4                | 326.9               | 40.3                |
| 1997 .....              | 40.3                | 336.3               | 5.9                 | 382.5               | 245.9               | 77.5                | 323.4               | 59.1                |
| 1998 .....              | 59.1                | 349.2               | 6.4                 | 414.6               | 248.1               | 88.4                | 336.5               | 78.1                |
| 1999 .....              | 78.1                | 335.1               | 5.8                 | 419.0               | 253.0               | 90.1                | 343.0               | 76.0                |
| 2000 .....              | 76.0                | 342.5               | 5.7                 | 424.1               | 257.0               | 89.3                | 346.3               | 77.8                |
| 2001 .....              | 77.8                | 342.9               | 6.1                 | 408.8               | 255.2               | 85.6                | 340.8               | 66.0                |
| 2002 <sup>3</sup> ..... | 68.0                | 298.6               | 5.3                 | 371.9               | 251.7               | 74.8                | 326.4               | 45.4                |
| 2003 <sup>4</sup> ..... | 45.5                | 348.3               | 5.0                 | 398.8               | 263.4               | 92.3                | 355.7               | 43.2                |

<sup>1</sup> Aggregate data on corn, sorghum, barley, oats, wheat, rye, and rice. <sup>2</sup> The marketing year for corn and sorghum begins September 1; for oats, barley, wheat, and rye, June 1; and for rice, August 1. <sup>3</sup> Preliminary. <sup>4</sup> Projected as of February 10, 2004; World Agricultural Supply and Demand Estimates. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694–5296.

**Table 1-2.—Wheat: Area, yield, production, and value, United States, 1994–2003**

| Year       | Area                 |             | Yield per harvested acre | Production    | Marketing year average price per bushel received by farmers <sup>2 3</sup> | Value of production <sup>2 3</sup> |
|------------|----------------------|-------------|--------------------------|---------------|--|------------------------------------|
|            | Planted <sup>1</sup> | Harvested   |                          |               |  |                                    |
|            | 1,000 acres          | 1,000 acres | Bushels                  | 1,000 bushels | Dollars  | 1,000 dollars                      |
| 1994 ..... | 70,349               | 61,770      | 37.6                     | 2,320,981     | 3.45   | 7,968,237                          |
| 1995 ..... | 69,031               | 60,955      | 35.8                     | 2,182,708     | 4.55   | 9,787,766                          |
| 1996 ..... | 75,105               | 62,819      | 36.3                     | 2,277,388     | 4.30   | 9,782,238                          |
| 1997 ..... | 70,412               | 62,840      | 39.5                     | 2,481,466     | 3.38   | 8,286,741                          |
| 1998 ..... | 65,821               | 59,002      | 43.2                     | 2,547,321     | 2.65   | 6,780,623                          |
| 1999 ..... | 62,664               | 53,773      | 42.7                     | 2,295,560     | 2.48   | 5,593,989                          |
| 2000 ..... | 62,549               | 53,063      | 42.0                     | 2,228,160     | 2.62   | 5,782,107                          |
| 2001 ..... | 59,432               | 48,473      | 40.2                     | 1,947,453     | 2.78   | 5,440,217                          |
| 2002 ..... | 60,318               | 45,824      | 35.0                     | 1,605,878     | 3.56   | 5,679,400                          |
| 2003 ..... | 61,700               | 52,839      | 44.2                     | 2,336,526     | 3.35   | 7,954,899                          |

<sup>1</sup> Includes area seeded in preceding fall for winter wheat. <sup>2</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable. <sup>3</sup> Marketing year average price and value of production for 1998–2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720–2127.

**Table 1-3.—Wheat, by type: Area, yield, production, and value, United States, 1994–2003**

| Year                            | Area                 |                    | Yield per harvested acre | Production           | Marketing year average price per bushel received by farmers <sup>2 3</sup> | Value of production <sup>2 3</sup> |
|---------------------------------|----------------------|--------------------|--------------------------|----------------------|--|------------------------------------|
|                                 | Planted <sup>1</sup> | Harvested          |                          |                      |  |                                    |
| Winter wheat                    |                      |                    |                          |                      |  |                                    |
|                                 | <i>1,000 acres</i>   | <i>1,000 acres</i> | <i>Bushels</i>           | <i>1,000 bushels</i> | <i>Dollars</i>   | <i>1,000 dollars</i>               |
| 1994 .....                      | 49,197               | 41,355             | 40.2                     | 1,661,943            | 3.37   | 5,578,351                          |
| 1995 .....                      | 48,591               | 40,987             | 37.7                     | 1,545,303            | 4.41   | 6,720,901                          |
| 1996 .....                      | 51,445               | 39,574             | 37.1                     | 1,469,618            | 4.33   | 6,396,217                          |
| 1997 .....                      | 47,985               | 41,340             | 44.6                     | 1,845,528            | 3.23   | 5,948,655                          |
| 1998 .....                      | 46,449               | 40,126             | 46.9                     | 1,880,773            | 2.52   | 4,740,361                          |
| 1999 .....                      | 43,281               | 35,436             | 47.8                     | 1,693,130            | 2.29   | 3,870,955                          |
| 2000 .....                      | 43,313               | 35,002             | 44.6                     | 1,561,723            | 2.51   | 3,893,961                          |
| 2001 .....                      | 40,943               | 31,165             | 43.4                     | 1,353,119            | 2.72   | 3,684,817                          |
| 2002 .....                      | 41,766               | 29,742             | 38.2                     | 1,137,001            | 3.41   | 3,835,339                          |
| 2003 .....                      | 44,945               | 36,541             | 46.7                     | 1,707,069            | 3.25   | 5,574,444                          |
| Durum wheat                     |                      |                    |                          |                      |  |                                    |
|                                 | <i>1,000 acres</i>   | <i>1,000 acres</i> | <i>Bushels</i>           | <i>1,000 bushels</i> | <i>Dollars</i>   | <i>1,000 dollars</i>               |
| 1994 .....                      | 2,823                | 2,715              | 35.6                     | 96,747               | 4.62   | 449,041                            |
| 1995 .....                      | 3,436                | 3,356              | 30.5                     | 102,280              | 5.65   | 567,541                            |
| 1996 .....                      | 3,630                | 3,556              | 32.6                     | 116,090              | 4.67   | 541,993                            |
| 1997 .....                      | 3,310                | 3,177              | 27.6                     | 87,783               | 4.92   | 422,497                            |
| 1998 .....                      | 3,805                | 3,728              | 37.0                     | 138,119              | 3.15   | 452,860                            |
| 1999 .....                      | 4,035                | 3,569              | 27.8                     | 99,322               | 2.73   | 284,677                            |
| 2000 .....                      | 3,937                | 3,572              | 30.7                     | 109,805              | 2.66   | 301,356                            |
| 2001 .....                      | 2,910                | 2,789              | 30.0                     | 83,556               | 3.08   | 269,391                            |
| 2002 .....                      | 2,913                | 2,709              | 29.5                     | 79,960               | 4.05   | 327,700                            |
| 2003 .....                      | 2,915                | 2,869              | 33.7                     | 96,637               | 4.00   | 408,110                            |
| Other spring wheat <sup>4</sup> |                      |                    |                          |                      |  |                                    |
|                                 | <i>1,000 acres</i>   | <i>1,000 acres</i> | <i>Bushels</i>           | <i>1,000 bushels</i> | <i>Dollars</i>   | <i>1,000 dollars</i>               |
| 1994 .....                      | 18,329               | 17,700             | 31.8                     | 562,291              | 3.42   | 1,940,845                          |
| 1995 .....                      | 17,004               | 16,612             | 32.2                     | 535,125              | 4.59   | 2,499,324                          |
| 1996 .....                      | 20,030               | 19,689             | 35.1                     | 691,680              | 4.20   | 2,844,028                          |
| 1997 .....                      | 19,117               | 18,323             | 29.9                     | 548,155              | 3.53   | 1,915,589                          |
| 1998 .....                      | 15,567               | 15,148             | 34.9                     | 528,469              | 3.00   | 1,587,402                          |
| 1999 .....                      | 15,348               | 14,768             | 34.1                     | 503,108              | 2.88   | 1,438,357                          |
| 2000 .....                      | 15,299               | 14,489             | 38.4                     | 556,632              | 2.85   | 1,586,790                          |
| 2001 .....                      | 15,579               | 14,519             | 35.2                     | 510,778              | 2.90   | 1,486,009                          |
| 2002 .....                      | 15,639               | 13,373             | 29.1                     | 388,917              | 3.82   | 1,516,361                          |
| 2003 .....                      | 13,840               | 13,429             | 39.7                     | 532,820              | 3.60   | 1,972,345                          |

<sup>1</sup> Seeded in preceding fall for winter wheat. <sup>2</sup> Obtained by weighting State prices by quantity sold. <sup>3</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>4</sup> Includes small quantities of Durum wheat grown in other States.

NASS, Crops Branch, (202) 720-2127.

**Table 1-4.—Wheat: Stocks on and off farms, United States, 1994–2003**

| Year beginning September | All wheat               |                         |                         |                         |                         |                         |                         |                         |
|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                          | On farms                |                         |                         |                         | Off farms <sup>1</sup>  |                         |                         |                         |
|                          | Sept. 1                 | Dec. 1                  | Mar. 1                  | Jun. 1                  | Sept. 1                 | Dec. 1                  | Mar. 1                  | Jun. 1                  |
|                          | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels |
| 1994 .....               | 859,800                 | 570,550                 | 335,250                 | 163,410                 | 1,209,694               | 920,554                 | 633,949                 | 343,175                 |
| 1995 .....               | 743,600                 | 477,000                 | 220,550                 | 74,610                  | 1,137,499               | 861,267                 | 602,914                 | 301,410                 |
| 1996 .....               | 824,500                 | 584,150                 | 320,750                 | 154,560                 | 899,696                 | 634,660                 | 501,069                 | 289,047                 |
| 1997 .....               | 794,350                 | 604,000                 | 399,920                 | 224,210                 | 1,281,998               | 1,015,242               | 766,644                 | 498,268                 |
| 1998 .....               | 885,720                 | 680,200                 | 471,220                 | 277,710                 | 1,499,595               | 1,215,481               | 979,191                 | 668,208                 |
| 1999 .....               | 888,060                 | 647,400                 | 424,680                 | 226,780                 | 1,556,983               | 1,236,344               | 991,841                 | 722,968                 |
| 2000 .....               | 808,390                 | 623,420                 | 384,750                 | 197,270                 | 1,544,280               | 1,182,705               | 953,648                 | 678,912                 |
| 2001 .....               | 696,850                 | 517,890                 | 338,500                 | 216,830                 | 1,458,964               | 1,105,565               | 871,268                 | 560,282                 |
| 2002 .....               | 578,200                 | 384,800                 | 236,300                 | 132,110                 | 1,170,787               | 935,069                 | 670,333                 | 359,306                 |
| 2003 .....               | 687,320                 | 491,925                 | NA                      | NA                      | 1,351,652               | 1,029,159               | NA                      | NA                      |

  

| Year beginning September | Durum wheat <sup>2</sup> |                         |                         |                         |                         |                         |                         |                         |
|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                          | On farms                 |                         |                         |                         | Off farms <sup>1</sup>  |                         |                         |                         |
|                          | Sept. 1                  | Dec. 1                  | Mar. 1                  | Jun. 1                  | Sept. 1                 | Dec. 1                  | Mar. 1                  | Jun. 1                  |
|                          | <i>1,000</i><br>bushels  | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels | <i>1,000</i><br>bushels |
| 1994 .....               | 74,220                   | 44,428                  | 26,060                  | 12,240                  | 17,526                  | 21,113                  | 16,801                  | 13,752                  |
| 1995 .....               | 72,560                   | 47,220                  | 27,250                  | 12,470                  | 24,655                  | 23,886                  | 21,311                  | 12,931                  |
| 1996 .....               | 79,700                   | 66,100                  | 33,100                  | 17,800                  | 22,410                  | 19,541                  | 21,855                  | 12,938                  |
| 1997 .....               | 51,000                   | 37,000                  | 22,000                  | 13,380                  | 36,712                  | 30,280                  | 20,473                  | 12,448                  |
| 1998 .....               | 88,000                   | 75,300                  | 58,200                  | 37,500                  | 37,908                  | 33,300                  | 30,372                  | 17,302                  |
| 1999 .....               | 96,900                   | 74,500                  | 51,700                  | 30,300                  | 39,830                  | 35,449                  | 29,617                  | 19,532                  |
| 2000 .....               | 85,700                   | 72,000                  | 44,200                  | 29,100                  | 37,573                  | 32,306                  | 28,616                  | 16,073                  |
| 2001 .....               | 63,300                   | 49,600                  | 30,200                  | 20,600                  | 33,779                  | 26,997                  | 21,690                  | 12,390                  |
| 2002 .....               | 66,000                   | 50,800                  | 31,700                  | 15,100                  | 26,854                  | 25,917                  | 25,149                  | 13,008                  |
| 2003 .....               | 58,000                   | 41,400                  | NA                      | NA                      | 29,241                  | 25,569                  | NA                      | NA                      |

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. <sup>2</sup> Included in all wheat. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 1-5.—Wheat: Supply and disappearance, by class, United States, 1999–2003<sup>1</sup>**

| Item                         | Year beginning June    |                        |                        |                        |                        |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|                              | 1999                   | 2000                   | 2001                   | 2002                   | 2003                   |
|                              | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> |
| <b>All wheat:</b>            |                        |                        |                        |                        |                        |
| Stocks, June 1 .....         | 946                    | 950                    | 876                    | 777                    | 491                    |
| Production .....             | 2,299                  | 2,232                  | 1,957                  | 1,619                  | 2,337                  |
| Supply <sup>2</sup> .....    | 3,339                  | 3,272                  | 2,941                  | 2,473                  | 2,903                  |
| Exports <sup>3</sup> .....   | 1,086                  | 1,062                  | 962                    | 854                    | 1,125                  |
| Domestic disappearance ..... | 1,303                  | 1,334                  | 1,201                  | 1,128                  | 1,219                  |
| Stocks, May 31 .....         | 950                    | 876                    | 777                    | 491                    | 559                    |
| <b>Hard red winter:</b>      |                        |                        |                        |                        |                        |
| Stocks, June 1 .....         | 435                    | 458                    | 411                    | 363                    | 188                    |
| Production .....             | 1,051                  | 846                    | 767                    | 612                    | 1,063                  |
| Supply <sup>2</sup> .....    | 1,486                  | 1,304                  | 1,179                  | 975                    | 1,256                  |
| Exports <sup>3</sup> .....   | 476                    | 393                    | 349                    | 307                    | 510                    |
| Domestic disappearance ..... | 552                    | 500                    | 466                    | 480                    | 520                    |
| Stocks, May 31 .....         | 458                    | 411                    | 363                    | 188                    | 226                    |
| <b>Soft red winter:</b>      |                        |                        |                        |                        |                        |
| Stocks, June 1 .....         | 136                    | 133                    | 135                    | 78                     | 55                     |
| Production .....             | 454                    | 471                    | 400                    | 332                    | 379                    |
| Supply <sup>2</sup> .....    | 594                    | 604                    | 538                    | 424                    | 454                    |
| Exports <sup>3</sup> .....   | 174                    | 180                    | 200                    | 105                    | 135                    |
| Domestic disappearance ..... | 287                    | 289                    | 260                    | 264                    | 251                    |
| Stocks, May 31 .....         | 133                    | 135                    | 78                     | 55                     | 69                     |
| <b>Hard red spring:</b>      |                        |                        |                        |                        |                        |
| Stocks, June 1 .....         | 233                    | 218                    | 210                    | 230                    | 145                    |
| Production .....             | 448                    | 502                    | 476                    | 354                    | 500                    |
| Supply <sup>2</sup> .....    | 737                    | 776                    | 746                    | 607                    | 660                    |
| Exports <sup>3</sup> .....   | 224                    | 227                    | 217                    | 258                    | 260                    |
| Domestic disappearance ..... | 295                    | 339                    | 300                    | 204                    | 247                    |
| Stocks, May 31 .....         | 218                    | 210                    | 230                    | 145                    | 153                    |
| <b>Durum:</b>                |                        |                        |                        |                        |                        |
| Stocks, June 1 .....         | 55                     | 50                     | 45                     | 33                     | 28                     |
| Production .....             | 99                     | 110                    | 84                     | 79                     | 97                     |
| Supply <sup>2</sup> .....    | 182                    | 185                    | 163                    | 142                    | 153                    |
| Exports <sup>3</sup> .....   | 51                     | 56                     | 49                     | 37                     | 40                     |
| Domestic disappearance ..... | 81                     | 85                     | 81                     | 77                     | 85                     |
| Stocks, May 31 .....         | 50                     | 45                     | 33                     | 28                     | 28                     |
| <b>White:</b>                |                        |                        |                        |                        |                        |
| Stocks, June 1 .....         | 87                     | 91                     | 75                     | 73                     | 75                     |
| Production .....             | 247                    | 303                    | 232                    | 241                    | 298                    |
| Supply <sup>2</sup> .....    | 340                    | 399                    | 315                    | 325                    | 380                    |
| Exports <sup>3</sup> .....   | 161                    | 206                    | 147                    | 147                    | 180                    |
| Domestic disappearance ..... | 89                     | 118                    | 95                     | 103                    | 117                    |
| Stocks, May 31 .....         | 91                     | 75                     | 73                     | 75                     | 83                     |

<sup>1</sup> Data except production are approximations. <sup>2</sup> Total supply includes imports. <sup>3</sup> Imports and exports include flour and products in wheat equivalent.

ERS, Market and Trade Economics Division, (202) 694-5285.

**Table 1-6.—Wheat: Area, yield, and production, by States, 2001–2003**

| State    | Area planted <sup>1</sup> |                    |                    | Area harvested     |                    |                    | Yield per harvested acre |                 |                 | Production           |                      |                      |
|----------|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|
|          | 2001                      | 2002               | 2003               | 2001               | 2002               | 2003               | 2001                     | 2002            | 2003            | 2001                 | 2002                 | 2003                 |
|          | <i>1,000 acres</i>        | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Bush-els</i>          | <i>Bush-els</i> | <i>Bush-els</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> |
| AL ..... | 170                       | 150                | 150                | 70                 | 60                 | 75                 | 48.0                     | 40.0            | 42.0            | 3,360                | 2,400                | 3,150                |
| AZ ..... | 94                        | 99                 | 119                | 93                 | 99                 | 119                | 91.6                     | 95.4            | 100.1           | 8,517                | 9,444                | 11,912               |
| AR ..... | 1,100                     | 950                | 700                | 970                | 830                | 570                | 52.0                     | 46.0            | 50.0            | 50,440               | 38,180               | 28,500               |
| CA ..... | 615                       | 625                | 805                | 461                | 390                | 485                | 76.1                     | 81.5            | 70.2            | 35,105               | 31,800               | 34,070               |
| CO ..... | 2,397                     | 2,375              | 2,630              | 2,044              | 1,670              | 2,229              | 33.8                     | 22.8            | 35.1            | 69,168               | 38,100               | 78,160               |
| DE ..... | 60                        | 55                 | 50                 | 57                 | 53                 | 47                 | 61.0                     | 70.0            | 41.0            | 3,477                | 3,710                | 1,927                |
| FL ..... | 15                        | 19                 | 20                 | 9                  | 7                  | 12                 | 41.0                     | 35.0            | 41.0            | 369                  | 245                  | 492                  |
| GA ..... | 300                       | 330                | 380                | 200                | 190                | 230                | 53.0                     | 42.0            | 46.0            | 10,600               | 7,980                | 10,580               |
| ID ..... | 1,210                     | 1,150              | 1,240              | 1,140              | 1,090              | 1,170              | 70.9                     | 71.9            | 74.6            | 80,770               | 78,410               | 87,300               |
| IL ..... | 750                       | 660                | 850                | 720                | 630                | 810                | 61.0                     | 49.0            | 65.0            | 43,920               | 30,870               | 52,650               |
| IN ..... | 400                       | 340                | 460                | 380                | 310                | 430                | 66.0                     | 53.0            | 69.0            | 25,080               | 16,430               | 29,670               |
| IA ..... | 25                        | 20                 | 21                 | 18                 | 16                 | 19                 | 54.0                     | 53.0            | 61.0            | 972                  | 848                  | 1,159                |
| KS ..... | 9,800                     | 9,700              | 10,400             | 8,200              | 8,200              | 10,000             | 40.0                     | 33.0            | 48.0            | 328,000              | 270,600              | 480,000              |
| KY ..... | 550                       | 530                | 480                | 360                | 330                | 330                | 66.0                     | 52.0            | 62.0            | 23,760               | 17,160               | 20,460               |
| LA ..... | 175                       | 230                | 155                | 160                | 220                | 140                | 50.0                     | 40.0            | 41.0            | 8,000                | 8,800                | 5,740                |
| MD ..... | 190                       | 185                | 165                | 175                | 170                | 145                | 63.0                     | 66.0            | 37.0            | 11,025               | 11,220               | 5,365                |
| MI ..... | 520                       | 450                | 680                | 510                | 440                | 660                | 64.0                     | 67.0            | 68.0            | 32,640               | 29,480               | 44,880               |
| MN ..... | 1,867                     | 2,040              | 1,877              | 1,815              | 1,834              | 1,825              | 43.9                     | 34.0            | 57.8            | 79,655               | 62,420               | 105,482              |
| MS ..... | 250                       | 230                | 150                | 225                | 180                | 125                | 52.0                     | 40.0            | 49.0            | 11,700               | 7,200                | 6,125                |
| MO ..... | 900                       | 900                | 960                | 760                | 760                | 870                | 54.0                     | 44.0            | 61.0            | 41,040               | 33,440               | 53,070               |
| MT ..... | 5,360                     | 5,790              | 5,290              | 4,215              | 4,795              | 5,050              | 22.9                     | 23.1            | 27.2            | 96,570               | 110,735              | 137,530              |
| NE ..... | 1,750                     | 1,650              | 1,900              | 1,600              | 1,520              | 1,820              | 37.0                     | 33.0            | 46.0            | 59,200               | 50,160               | 83,720               |
| NV ..... | 15                        | 13                 | 12                 | 3                  | 5                  | 7                  | 90.0                     | 81.6            | 78.4            | 270                  | 408                  | 549                  |
| NJ ..... | 31                        | 38                 | 31                 | 27                 | 32                 | 26                 | 45.0                     | 57.0            | 42.0            | 1,215                | 1,824                | 1,092                |
| NM ..... | 500                       | 480                | 500                | 240                | 150                | 140                | 34.0                     | 26.0            | 30.0            | 8,160                | 3,900                | 4,200                |
| NY ..... | 125                       | 120                | 130                | 120                | 118                | 120                | 53.0                     | 58.0            | 53.0            | 6,360                | 6,844                | 6,360                |
| NC ..... | 660                       | 600                | 530                | 450                | 430                | 410                | 39.0                     | 42.0            | 36.0            | 17,550               | 18,060               | 14,760               |
| ND ..... | 9,450                     | 9,080              | 8,630              | 9,080              | 7,915              | 8,500              | 32.2                     | 27.3            | 37.3            | 292,400              | 216,095              | 317,090              |
| OH ..... | 950                       | 860                | 1,060              | 900                | 810                | 1,000              | 67.0                     | 62.0            | 68.0            | 60,300               | 50,220               | 68,000               |
| OK ..... | 5,600                     | 6,200              | 6,600              | 3,700              | 3,700              | 4,600              | 33.0                     | 28.0            | 39.0            | 122,100              | 103,600              | 179,400              |
| OR ..... | 910                       | 945                | 1,115              | 855                | 840                | 1,080              | 38.2                     | 41.1            | 49.0            | 32,650               | 34,500               | 53,540               |
| PA ..... | 170                       | 190                | 175                | 160                | 185                | 165                | 52.0                     | 53.0            | 43.0            | 8,320                | 9,805                | 7,095                |
| SC ..... | 220                       | 200                | 200                | 210                | 170                | 185                | 43.0                     | 37.0            | 39.0            | 9,030                | 6,290                | 7,215                |
| SD ..... | 3,025                     | 3,030              | 3,028              | 2,044              | 1,677              | 2,747              | 37.6                     | 26.4            | 42.3            | 76,766               | 44,247               | 116,241              |
| TN ..... | 500                       | 470                | 430                | 340                | 300                | 270                | 54.0                     | 47.0            | 50.0            | 18,360               | 14,100               | 13,500               |
| TX ..... | 5,600                     | 6,400              | 6,600              | 3,200              | 2,700              | 3,450              | 34.0                     | 29.0            | 28.0            | 108,800              | 78,300               | 96,600               |
| UT ..... | 160                       | 155                | 175                | 141                | 110                | 135                | 42.8                     | 32.6            | 41.4            | 6,034                | 3,590                | 5,585                |
| VA ..... | 200                       | 230                | 210                | 170                | 170                | 160                | 60.0                     | 61.0            | 46.0            | 10,200               | 10,370               | 7,360                |
| WA ..... | 2,460                     | 2,450              | 2,400              | 2,350              | 2,390              | 2,345              | 55.9                     | 54.3            | 59.4            | 131,350              | 129,770              | 139,345              |
| WV ..... | 12                        | 12                 | 12                 | 8                  | 7                  | 7                  | 58.0                     | 48.0            | 41.0            | 464                  | 336                  | 287                  |
| WI ..... | 178                       | 208                | 212                | 167                | 192                | 180                | 64.1                     | 60.0            | 68.3            | 10,708               | 11,516               | 12,300               |
| WY ..... | 168                       | 159                | 168                | 126                | 129                | 151                | 24.2                     | 19.2            | 26.9            | 3,048                | 2,471                | 4,065                |
| US ..... | 59,432                    | 60,318             | 61,700             | 48,473             | 45,824             | 52,839             | 40.2                     | 35.0            | 44.2            | 1,947,453            | 1,605,878            | 2,336,526            |

<sup>1</sup> Includes area planted preceding fall.  
 NASS, Crops Branch, (202) 720-2127.

**Table 1-7.—Wheat: Supply and disappearance, United States, 1994–2003**

| Year beginning June     | Supply                 |                        |                        |                        | Disappearance          |                        |                        |                        |                        |                        | Ending stocks May 31   |
|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|                         | Beginning stocks       | Production             | Imports <sup>1</sup>   | Total                  | Domestic use           |                        |                        |                        | Exports <sup>1</sup>   | Total disappearance    |                        |
|                         |                        |                        |                        |                        | Food                   | Seed                   | Feed <sup>2</sup>      | Total                  |                        |                        |                        |
|                         | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> |
| 1994 .....              | 568                    | 2,321                  | 92                     | 2,981                  | 853                    | 89                     | 344                    | 1,287                  | 1,188                  | 2,475                  | 507                    |
| 1995 .....              | 507                    | 2,183                  | 68                     | 2,757                  | 883                    | 103                    | 154                    | 1,140                  | 1,241                  | 2,381                  | 376                    |
| 1996 .....              | 376                    | 2,277                  | 92                     | 2,746                  | 891                    | 102                    | 308                    | 1,301                  | 1,002                  | 2,302                  | 444                    |
| 1997 .....              | 444                    | 2,481                  | 95                     | 3,020                  | 914                    | 92                     | 251                    | 1,257                  | 1,040                  | 2,298                  | 722                    |
| 1998 .....              | 722                    | 2,547                  | 103                    | 3,373                  | 909                    | 81                     | 391                    | 1,381                  | 1,046                  | 2,427                  | 946                    |
| 1999 .....              | 946                    | 2,299                  | 95                     | 3,339                  | 929                    | 92                     | 283                    | 1,303                  | 1,086                  | 2,390                  | 950                    |
| 2000 .....              | 950                    | 2,232                  | 90                     | 3,272                  | 950                    | 80                     | 304                    | 1,334                  | 1,062                  | 2,396                  | 876                    |
| 2001 .....              | 876                    | 1,957                  | 108                    | 2,941                  | 926                    | 84                     | 191                    | 1,201                  | 962                    | 2,164                  | 777                    |
| 2002 .....              | 777                    | 1,619                  | 77                     | 2,473                  | 917                    | 84                     | 126                    | 1,128                  | 854                    | 1,982                  | 491                    |
| 2003 <sup>3</sup> ..... | 491                    | 2,337                  | 75                     | 2,903                  | 910                    | 84                     | 225                    | 1,219                  | 1,125                  | 2,344                  | 559                    |

<sup>1</sup> Imports and exports include flour and other products expressed in wheat equivalent. <sup>2</sup> Approximates feed and residual use and includes negligible quantities used for distilled spirits. <sup>3</sup> Preliminary. Totals may not add due to independent rounding.

**Table 1-8.—Wheat, by type: Area, yield, and production, by States, 2001–2003**

| State              | Area planted <sup>1</sup> |                    |                    | Area harvested     |                    |                    | Yield per harvested acre |                 |                 | Production           |                      |                      |
|--------------------|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|
|                    | 2001                      | 2002               | 2003               | 2001               | 2002               | 2003               | 2001                     | 2002            | 2003            | 2001                 | 2002                 | 2003                 |
| Winter wheat       |                           |                    |                    |                    |                    |                    |                          |                 |                 |                      |                      |                      |
|                    | <i>1,000 acres</i>        | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Bush-els</i>          | <i>Bush-els</i> | <i>Bush-els</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> |
| AL .....           | 170                       | 150                | 150                | 70                 | 60                 | 75                 | 48.0                     | 40.0            | 42.0            | 3,360                | 2,400                | 3,150                |
| AZ .....           | 6                         | 6                  | 4                  | 6                  | 6                  | 4                  | 100.0                    | 86.0            | 103.0           | 600                  | 516                  | 412                  |
| AR .....           | 1,100                     | 950                | 700                | 970                | 830                | 570                | 52.0                     | 46.0            | 50.0            | 50,440               | 38,180               | 28,500               |
| CA .....           | 530                       | 530                | 675                | 380                | 300                | 370                | 70.0                     | 76.0            | 61.0            | 26,600               | 22,800               | 22,570               |
| CO .....           | 2,350                     | 2,350              | 2,600              | 2,000              | 1,650              | 2,200              | 33.0                     | 22.0            | 35.0            | 66,000               | 36,300               | 77,000               |
| DE .....           | 60                        | 55                 | 50                 | 57                 | 53                 | 47                 | 61.0                     | 70.0            | 41.0            | 3,477                | 3,710                | 1,927                |
| FL .....           | 15                        | 19                 | 20                 | 9                  | 7                  | 12                 | 41.0                     | 35.0            | 41.0            | 369                  | 245                  | 492                  |
| GA .....           | 300                       | 330                | 380                | 200                | 190                | 230                | 53.0                     | 42.0            | 46.0            | 10,600               | 7,980                | 10,580               |
| ID .....           | 690                       | 670                | 760                | 650                | 630                | 720                | 73.0                     | 77.0            | 80.0            | 47,450               | 48,510               | 57,600               |
| IL .....           | 750                       | 660                | 850                | 720                | 630                | 810                | 61.0                     | 49.0            | 65.0            | 43,920               | 30,870               | 52,650               |
| IN .....           | 400                       | 340                | 460                | 380                | 310                | 430                | 66.0                     | 53.0            | 69.0            | 25,080               | 16,430               | 29,670               |
| IA .....           | 25                        | 20                 | 21                 | 18                 | 16                 | 19                 | 54.0                     | 53.0            | 61.0            | 972                  | 848                  | 1,159                |
| KS .....           | 9,800                     | 9,700              | 10,400             | 8,200              | 8,200              | 10,000             | 40.0                     | 33.0            | 48.0            | 328,000              | 270,600              | 480,000              |
| KY .....           | 550                       | 530                | 480                | 360                | 330                | 330                | 66.0                     | 52.0            | 62.0            | 23,760               | 17,160               | 20,460               |
| LA .....           | 175                       | 230                | 155                | 160                | 220                | 140                | 50.0                     | 40.0            | 41.0            | 8,000                | 8,800                | 5,740                |
| MD .....           | 190                       | 185                | 165                | 175                | 170                | 145                | 63.0                     | 66.0            | 37.0            | 11,025               | 11,220               | 5,365                |
| MI .....           | 520                       | 450                | 680                | 510                | 440                | 660                | 64.0                     | 67.0            | 68.0            | 32,640               | 29,480               | 44,880               |
| MN .....           | 15                        | 35                 | 25                 | 13                 | 30                 | 23                 | 29.0                     | 36.0            | 42.0            | 377                  | 1,080                | 966                  |
| MS .....           | 250                       | 230                | 150                | 225                | 180                | 125                | 52.0                     | 40.0            | 49.0            | 11,700               | 7,200                | 6,125                |
| MO .....           | 900                       | 900                | 960                | 760                | 760                | 870                | 54.0                     | 44.0            | 61.0            | 41,040               | 33,440               | 53,070               |
| MT .....           | 1,300                     | 1,450              | 1,800              | 870                | 780                | 1,720              | 22.0                     | 28.0            | 37.0            | 19,140               | 21,840               | 63,640               |
| NE .....           | 1,750                     | 1,650              | 1,900              | 1,600              | 1,520              | 1,820              | 37.0                     | 33.0            | 46.0            | 59,200               | 50,160               | 83,720               |
| NV .....           | 9                         | 6                  | 7                  | 2                  | 3                  | 3                  | 95.0                     | 86.0            | 83.0            | 190                  | 258                  | 249                  |
| NJ .....           | 31                        | 38                 | 31                 | 27                 | 32                 | 26                 | 45.0                     | 57.0            | 42.0            | 1,215                | 1,824                | 1,092                |
| NM .....           | 500                       | 480                | 500                | 240                | 150                | 140                | 34.0                     | 26.0            | 30.0            | 8,160                | 3,900                | 4,200                |
| NY .....           | 125                       | 120                | 130                | 120                | 118                | 120                | 53.0                     | 58.0            | 53.0            | 6,360                | 6,844                | 6,360                |
| NC .....           | 660                       | 600                | 530                | 450                | 430                | 410                | 39.0                     | 42.0            | 36.0            | 17,550               | 18,060               | 14,760               |
| ND .....           | 150                       | 80                 | 130                | 80                 | 65                 | 120                | 40.0                     | 33.0            | 49.0            | 3,200                | 2,145                | 5,880                |
| OH .....           | 950                       | 860                | 1,060              | 900                | 810                | 1,000              | 67.0                     | 62.0            | 68.0            | 60,300               | 50,220               | 68,000               |
| OK .....           | 5,600                     | 6,200              | 6,600              | 3,700              | 3,700              | 4,600              | 33.0                     | 28.0            | 39.0            | 122,100              | 103,600              | 179,400              |
| OR .....           | 750                       | 800                | 970                | 700                | 710                | 940                | 40.0                     | 42.0            | 51.0            | 28,000               | 29,820               | 47,940               |
| PA .....           | 170                       | 190                | 175                | 160                | 185                | 165                | 52.0                     | 53.0            | 43.0            | 8,320                | 9,805                | 7,095                |
| SC .....           | 220                       | 200                | 200                | 210                | 170                | 185                | 43.0                     | 37.0            | 39.0            | 9,030                | 6,290                | 7,215                |
| SD .....           | 1,300                     | 1,300              | 1,600              | 370                | 670                | 1,380              | 32.0                     | 30.0            | 43.0            | 11,840               | 20,100               | 59,340               |
| TN .....           | 500                       | 470                | 430                | 340                | 300                | 270                | 54.0                     | 47.0            | 50.0            | 18,360               | 14,100               | 13,500               |
| TX .....           | 5,600                     | 6,400              | 6,600              | 3,200              | 2,700              | 3,450              | 34.0                     | 29.0            | 28.0            | 108,800              | 78,300               | 96,600               |
| UT .....           | 140                       | 140                | 160                | 125                | 100                | 125                | 42.0                     | 32.0            | 41.0            | 5,250                | 3,200                | 5,125                |
| VA .....           | 200                       | 230                | 210                | 170                | 170                | 160                | 60.0                     | 61.0            | 46.0            | 10,200               | 10,370               | 7,360                |
| WA .....           | 1,850                     | 1,850              | 1,850              | 1,750              | 1,800              | 1,800              | 61.0                     | 58.0            | 65.0            | 106,750              | 104,400              | 117,000              |
| WV .....           | 12                        | 12                 | 12                 | 8                  | 7                  | 7                  | 58.0                     | 48.0            | 41.0            | 464                  | 336                  | 287                  |
| WI .....           | 170                       | 200                | 205                | 160                | 185                | 175                | 65.0                     | 61.0            | 69.0            | 10,400               | 11,285               | 12,075               |
| WY .....           | 160                       | 150                | 160                | 120                | 125                | 145                | 24.0                     | 19.0            | 27.0            | 2,880                | 2,375                | 3,915                |
| US .....           | 40,943                    | 41,766             | 44,945             | 31,165             | 29,742             | 36,541             | 43.4                     | 38.2            | 46.7            | 1,353,119            | 1,137,001            | 1,707,069            |
| Durum wheat        |                           |                    |                    |                    |                    |                    |                          |                 |                 |                      |                      |                      |
| AZ .....           | 88                        | 93                 | 115                | 87                 | 93                 | 115                | 91.0                     | 96.0            | 100.0           | 7,917                | 8,928                | 11,500               |
| CA .....           | 85                        | 95                 | 130                | 81                 | 90                 | 115                | 105.0                    | 100.0           | 100.0           | 8,505                | 9,000                | 11,500               |
| MN .....           | 2                         | 5                  | 2                  | 2                  | 4                  | 2                  | 39.0                     | 35.0            | 58.0            | 78                   | 140                  | 116                  |
| MT .....           | 510                       | 590                | 640                | 495                | 565                | 630                | 24.0                     | 23.0            | 23.0            | 11,880               | 12,995               | 14,490               |
| ND .....           | 2,200                     | 2,100              | 2,000              | 2,100              | 1,950              | 1,980              | 26.0                     | 25.0            | 29.5            | 54,600               | 48,750               | 58,410               |
| SD .....           | 25                        | 30                 | 28                 | 24                 | 7                  | 27                 | 24.0                     | 21.0            | 23.0            | 576                  | 147                  | 621                  |
| US .....           | 2,910                     | 2,913              | 2,915              | 2,789              | 2,709              | 2,869              | 30.0                     | 29.5            | 33.7            | 83,556               | 79,960               | 96,637               |
| Other spring wheat |                           |                    |                    |                    |                    |                    |                          |                 |                 |                      |                      |                      |
| CO .....           | 47                        | 25                 | 30                 | 44                 | 20                 | 29                 | 72.0                     | 90.0            | 40.0            | 3,168                | 1,800                | 1,160                |
| ID .....           | 520                       | 480                | 480                | 490                | 460                | 450                | 68.0                     | 65.0            | 66.0            | 33,320               | 29,900               | 29,700               |
| MN .....           | 1,850                     | 2,000              | 1,850              | 1,800              | 1,800              | 1,800              | 44.0                     | 34.0            | 58.0            | 79,200               | 61,200               | 104,400              |
| MT .....           | 3,550                     | 3,750              | 2,850              | 2,850              | 3,450              | 2,700              | 23.0                     | 22.0            | 22.0            | 65,550               | 75,900               | 59,400               |
| NV .....           | 6                         | 7                  | 5                  | 1                  | 2                  | 4                  | 80.0                     | 75.0            | 75.0            | 80                   | 150                  | 300                  |
| ND .....           | 7,100                     | 6,900              | 6,500              | 6,900              | 5,900              | 6,400              | 34.0                     | 28.0            | 39.5            | 234,600              | 165,200              | 252,800              |
| OR .....           | 160                       | 145                | 145                | 155                | 130                | 140                | 30.0                     | 36.0            | 40.0            | 4,650                | 4,680                | 5,600                |
| SD .....           | 1,700                     | 1,700              | 1,400              | 1,650              | 1,000              | 1,340              | 39.0                     | 24.0            | 42.0            | 64,350               | 24,000               | 56,280               |
| UT .....           | 20                        | 15                 | 15                 | 16                 | 10                 | 10                 | 49.0                     | 39.0            | 46.0            | 784                  | 390                  | 460                  |
| WA .....           | 610                       | 600                | 550                | 600                | 590                | 545                | 41.0                     | 43.0            | 41.0            | 24,600               | 25,370               | 22,345               |
| WI .....           | 8                         | 8                  | 7                  | 7                  | 7                  | 5                  | 44.0                     | 33.0            | 45.0            | 308                  | 231                  | 225                  |
| WY .....           | 8                         | 9                  | 8                  | 6                  | 4                  | 6                  | 28.0                     | 24.0            | 25.0            | 168                  | 96                   | 150                  |
| US .....           | 15,579                    | 15,639             | 13,840             | 14,519             | 13,373             | 13,429             | 35.2                     | 29.1            | 39.7            | 510,778              | 388,917              | 532,820              |

<sup>1</sup> Includes area planted preceding fall.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-9.—Wheat: Support operations, United States, 1994–2003**

| Marketing year beginning June 1 | Income support payment rates per bushel <sup>1</sup> | Program price levels per bushel |                     | Put under loan <sup>4</sup> |                          | Acquired by CCC under loan program <sup>5</sup> | Owned by CCC at end of marketing year <sup>6</sup> |
|---------------------------------|--|---------------------------------|---------------------|-----------------------------|--------------------------|---|--|
|                                 |  | Loan <sup>2</sup>               | Target <sup>3</sup> | Quantity                    | Percentage of production |   |  |
|                                 | <i>Dollars</i>                                       | <i>Dollars</i>                  | <i>Dollars</i>      | <i>Million bushels</i>      | <i>Percent</i>           | <i>Million bushels</i>                          | <i>Million bushels</i>                             |
| 1994/95 .....                   | 0.61   | 2.58                            | 4.00                | 231                         | 10.0                     | 0   | 142  |
| 1995/96 .....                   | 0.00   | 2.58                            | 4.00                | 114                         | 5.2                      | 0   | 118  |
| 1996/97 .....                   | 0.87   | 2.58                            | NA                  | 194                         | 8.5                      | 0   | 93   |
| 1997/98 .....                   | 0.63   | 2.58                            | NA                  | 264                         | 10.6                     | 18  | 94   |
| 1998/99 .....                   | 0.99   | 2.58                            | NA                  | 363                         | 14.2                     | 41  | 128  |
| 1999/2000 ...                   | 1.27   | 2.58                            | NA                  | 154                         | 6.7                      | 31  | 104  |
| 2000/2001 ...                   | 1.23   | 2.58                            | NA                  | 181                         | 8.1                      | 13  | 97   |
| 2001/2002 ...                   | 1.01   | 2.58                            | NA                  | 197                         | 9.9                      | 10  | 99   |
| 2002/2003 ...                   | 0.52/0.00  | 2.80                            | 3.86                | 120                         | 7.4                      | 3   | 66   |
| 2003/2004 ...                   | 0.52/--  | 2.80                            | 3.86                | .....                       | .....                    | .....   | .....  |

<sup>1</sup> Payment rates for the 1995/96 and prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and included supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the provisions of the Direct Payment program, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act) and includes a PFC payment rate for 2002 only. Payment rates are rounded to the nearest tenth of a cent. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Between the 1996/97 and 2001/2002 marketing years, target prices were no longer applicable; however, with enactment of the 2002 Act, target prices were reestablished. <sup>4</sup> Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. <sup>5</sup> Acquisition of forfeited loans made from current crop. <sup>6</sup> Includes 141 million in 1994/95 in Food Security Reserve, 118 million in 1995/96, 93 million in 1996/97 through 2001/02 and 66 million in 2002/03. (The Food Security Reserve became the Food Security Commodity Trust in July of 1999 and the Bill Emerson Humanitarian Trust in July of 2002.) NA-not applicable.

FSA, Food Grains Analysis Group, (202) 720-5653.

**Table 1-10.—Wheat: Marketing year average price and value, by States, crop of 2001, 2002, and 2003<sup>1</sup>**

| State    | Marketing year average price per bushel |                |                   | Value of production  |                      |                      |
|----------|---|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001                                    | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Dollars</i>                          | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL ..... | 2.55                                    | 3.10           | 3.10              | 8,568                | 7,440                | 9,765                |
| AZ ..... | 3.95                                    | 4.35           | 4.70              | 33,222               | 40,952               | 55,574               |
| AR ..... | 2.36                                    | 2.90           | 3.10              | 119,038              | 112,056              | 88,350               |
| CA ..... | 3.11                                    | 3.61           | 3.50              | 110,852              | 113,715              | 128,510              |
| CO ..... | 2.72                                    | 3.63           | 3.35              | 187,852              | 139,675              | 262,590              |
| DE ..... | 2.45                                    | 3.15           | 3.10              | 8,519                | 12,789               | 5,974                |
| FL ..... | 2.25                                    | 2.40           | 3.00              | 830                  | 722                  | 1,476                |
| GA ..... | 2.05                                    | 2.50           | 3.05              | 21,730               | 20,500               | 32,269               |
| ID ..... | 3.18                                    | 3.67           | 3.55              | 269,963              | 321,499              | 310,095              |
| IL ..... | 2.49                                    | 3.01           | 3.20              | 109,361              | 95,869               | 168,480              |
| IN ..... | 2.41                                    | 3.18           | 3.20              | 60,443               | 55,618               | 94,944               |
| IA ..... | 2.50                                    | 2.85           | 2.85              | 2,430                | 2,280                | 3,303                |
| KS ..... | 2.69                                    | 3.41           | 3.15              | 882,320              | 911,493              | 1,512,000            |
| KY ..... | 2.50                                    | 3.01           | 3.25              | 59,400               | 54,240               | 66,495               |
| LA ..... | 2.75                                    | 3.00           | 3.30              | 22,000               | 26,400               | 18,942               |
| MD ..... | 2.45                                    | 3.15           | 3.15              | 27,011               | 37,422               | 16,900               |
| MI ..... | 2.43                                    | 3.28           | 3.30              | 87,091               | 107,682              | 148,104              |
| MN ..... | 2.93                                    | 3.86           | 3.70              | 233,243              | 239,996              | 390,276              |
| MS ..... | 2.45                                    | 2.70           | 3.30              | 28,665               | 24,354               | 20,213               |
| MO ..... | 2.42                                    | 3.03           | 3.05              | 99,317               | 103,626              | 161,864              |
| MT ..... | 3.14                                    | 4.04           | 3.85              | 304,487              | 446,350              | 525,741              |
| NE ..... | 2.75                                    | 3.60           | 3.25              | 162,800              | 175,104              | 272,090              |
| NV ..... | 3.15                                    | 3.55           | 3.35              | 840                  | 1,420                | 1,862                |
| NJ ..... | 2.30                                    | 3.10           | 3.05              | 2,795                | 5,754                | 3,331                |
| NM ..... | 2.75                                    | 3.45           | 3.20              | 22,440               | 12,903               | 13,440               |
| NY ..... | 2.64                                    | 3.28           | 2.10              | 16,790               | 24,351               | 13,356               |
| NC ..... | 2.40                                    | 2.75           | 2.90              | 43,992               | 55,440               | 42,804               |
| ND ..... | 2.79                                    | 3.80           | 3.70              | 812,938              | 822,752              | 1,177,803            |
| OH ..... | 2.46                                    | 3.16           | 3.20              | 148,338              | 158,695              | 217,600              |
| OK ..... | 2.74                                    | 3.37           | 3.25              | 334,554              | 339,696              | 583,050              |
| OR ..... | 3.27                                    | 3.72           | 3.75              | 106,718              | 126,382              | 199,778              |
| PA ..... | 2.68                                    | 3.40           | 3.30              | 22,298               | 33,966               | 23,414               |
| SC ..... | 2.30                                    | 2.60           | 2.85              | 20,769               | 18,278               | 20,563               |
| SD ..... | 2.78                                    | 3.81           | 3.50              | 214,059              | 160,708              | 403,943              |
| TN ..... | 2.50                                    | 2.92           | 3.10              | 45,900               | 40,296               | 41,850               |
| TX ..... | 2.78                                    | 3.92           | 3.05              | 302,464              | 236,466              | 294,630              |
| UT ..... | 3.30                                    | 4.65           | 3.65              | 19,912               | 22,736               | 20,290               |
| VA ..... | 2.29                                    | 2.82           | 2.95              | 23,358               | 30,202               | 21,712               |
| WA ..... | 3.23                                    | 3.83           | 3.80              | 427,838              | 496,858              | 528,130              |
| WV ..... | 2.46                                    | 3.10           | 3.10              | 1,141                | 1,042                | 890                  |
| WI ..... | 2.40                                    | 3.05           | 3.15              | 25,668               | 32,863               | 38,835               |
| WY ..... | 2.70                                    | 3.70           | 3.35              | 8,263                | 8,810                | 13,663               |
| US ..... | 2.78                                    | 3.56           | 3.35              | 5,440,217            | 5,679,400            | 7,954,899            |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.



**Table 1-11.—Wheat: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>**

| Continent and country         | Area <sup>2</sup> |                |                        | Yield per hectare |             |                        | Production        |                   |                        |
|-------------------------------|-------------------|----------------|------------------------|-------------------|-------------|------------------------|-------------------|-------------------|------------------------|
|                               | 2000/2001         | 2001/2002      | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002   | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002         | 2002/2003 <sup>3</sup> |
|                               | 1,000 hectares    | 1,000 hectares | 1,000 hectares         | Metric tons       | Metric tons | Metric tons            | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons      |
| <b>North America:</b>         |                   |                |                        |                   |             |                        |                   |                   |                        |
| Canada .....                  | 10,963            | 10,585         | 8,836                  | 2.42              | 1.94        | 1.83                   | 26,519            | 20,568            | 16,198                 |
| Mexico .....                  | 690               | 685            | 630                    | 4.93              | 4.77        | 4.60                   | 3,400             | 3,270             | 2,900                  |
| United States .....           | 21,502            | 19,681         | 18,582                 | 2.83              | 2.71        | 2.37                   | 60,758            | 53,262            | 44,062                 |
| <b>Total .....</b>            | <b>33,155</b>     | <b>30,951</b>  | <b>28,048</b>          | <b>2.73</b>       | <b>2.49</b> | <b>2.25</b>            | <b>90,677</b>     | <b>77,100</b>     | <b>63,160</b>          |
| <b>South America:</b>         |                   |                |                        |                   |             |                        |                   |                   |                        |
| Argentina .....               | 6,408             | 6,825          | 5,900                  | 2.53              | 2.27        | 2.08                   | 16,230            | 15,500            | 12,300                 |
| Bolivia .....                 | 117               | 110            | 115                    | 0.89              | 1.06        | 0.96                   | 104               | 117               | 110                    |
| Brazil .....                  | 1,468             | 1,725          | 2,043                  | 1.13              | 1.88        | 1.44                   | 1,660             | 3,250             | 2,935                  |
| Chile .....                   | 414               | 426            | 416                    | 4.30              | 4.27        | 4.32                   | 1,780             | 1,819             | 1,797                  |
| Colombia .....                | 14                | 14             | 15                     | 2.07              | 2.07        | 2.13                   | 29                | 29                | 32                     |
| Ecuador .....                 | 25                | 19             | 19                     | 0.60              | 0.63        | 0.63                   | 15                | 12                | 12                     |
| Paraguay .....                | 159               | 247            | 160                    | 1.38              | 1.46        | 2.06                   | 220               | 360               | 330                    |
| Peru .....                    | 146               | 154            | 165                    | 1.28              | 1.26        | 1.12                   | 187               | 194               | 185                    |
| Uruguay .....                 | 128               | 125            | 132                    | 2.53              | 1.15        | 1.56                   | 324               | 144               | 206                    |
| <b>Total .....</b>            | <b>8,879</b>      | <b>9,645</b>   | <b>8,965</b>           | <b>2.31</b>       | <b>2.22</b> | <b>2.00</b>            | <b>20,549</b>     | <b>21,425</b>     | <b>17,907</b>          |
| Guatemala .....               | 3                 | 1              | 1                      | 1.67              | 1.00        | 1.00                   | 5                 | 1                 | 1                      |
| <b>Europe:</b>                |                   |                |                        |                   |             |                        |                   |                   |                        |
| Austria .....                 | 294               | 288            | 324                    | 4.47              | 5.24        | 4.83                   | 1,313             | 1,508             | 1,566                  |
| Belgium-Luxembourg .....      | 224               | 191            | 212                    | 7.81              | 7.91        | 8.16                   | 1,749             | 1,511             | 1,729                  |
| Denmark .....                 | 627               | 634            | 577                    | 7.49              | 7.36        | 7.03                   | 4,694             | 4,664             | 4,056                  |
| Finland .....                 | 149               | 143            | 174                    | 3.61              | 3.42        | 3.27                   | 538               | 489               | 569                    |
| France .....                  | 5,250             | 4,769          | 5,230                  | 7.12              | 6.62        | 7.44                   | 37,358            | 31,571            | 38,934                 |
| Germany .....                 | 2,969             | 2,898          | 3,015                  | 7.28              | 7.88        | 6.90                   | 21,622            | 22,838            | 20,818                 |
| Greece .....                  | 655               | 635            | 845                    | 2.12              | 1.92        | 1.71                   | 1,390             | 1,217             | 1,443                  |
| Ireland .....                 | 84                | 85             | 103                    | 8.40              | 9.05        | 8.43                   | 706               | 769               | 868                    |
| Italy .....                   | 2,322             | 2,289          | 2,415                  | 3.20              | 2.80        | 3.12                   | 7,427             | 6,413             | 7,529                  |
| Netherlands .....             | 136               | 123            | 135                    | 8.40              | 8.06        | 7.83                   | 1,143             | 991               | 1,057                  |
| Portugal .....                | 226               | 184            | 225                    | 1.57              | 0.84        | 1.93                   | 355               | 154               | 434                    |
| Spain .....                   | 2,370             | 2,203          | 2,401                  | 3.09              | 2.24        | 2.83                   | 7,333             | 4,938             | 6,783                  |
| Sweden .....                  | 401               | 399            | 339                    | 5.99              | 5.88        | 6.23                   | 2,400             | 2,345             | 2,113                  |
| United Kingdom .....          | 2,086             | 1,635          | 1,996                  | 8.01              | 7.08        | 8.00                   | 16,704            | 11,580            | 15,973                 |
| <b>Total .....</b>            | <b>17,793</b>     | <b>16,476</b>  | <b>17,991</b>          | <b>5.89</b>       | <b>5.52</b> | <b>5.77</b>            | <b>104,732</b>    | <b>90,988</b>     | <b>103,872</b>         |
| <b>EU Accession Countries</b> |                   |                |                        |                   |             |                        |                   |                   |                        |
| Cyprus .....                  | 6                 | 6              | 6                      | 1.67              | 1.67        | 1.67                   | 10                | 10                | 10                     |
| Czech Republic .....          | 970               | 923            | 849                    | 4.21              | 4.85        | 4.55                   | 4,084             | 4,476             | 3,866                  |
| Estonia .....                 | 69                | 56             | 66                     | 2.13              | 2.34        | 2.33                   | 147               | 131               | 154                    |
| Hungary .....                 | 1,040             | 1,200          | 1,100                  | 3.55              | 4.31        | 3.55                   | 3,692             | 5,176             | 3,900                  |
| Latvia .....                  | 158               | 167            | 152                    | 2.70              | 2.71        | 3.11                   | 427               | 452               | 473                    |
| Lithuania .....               | 371               | 352            | 335                    | 3.33              | 2.98        | 3.64                   | 1,237             | 1,050             | 1,218                  |
| Malta & Gozo .....            | 1                 | 1              | 1                      | 5.00              | 5.00        | 5.00                   | 5                 | 5                 | 5                      |
| Poland .....                  | 2,635             | 2,627          | 2,422                  | 3.23              | 3.53        | 3.84                   | 8,503             | 9,283             | 9,297                  |
| Slovakia .....                | 400               | 450            | 400                    | 3.13              | 4.22        | 3.89                   | 1,250             | 1,900             | 1,554                  |
| Slovenia .....                | 36                | 40             | 35                     | 3.06              | 4.50        | 3.14                   | 110               | 180               | 110                    |
| <b>Total .....</b>            | <b>5,686</b>      | <b>5,822</b>   | <b>5,366</b>           | <b>3.42</b>       | <b>3.89</b> | <b>3.84</b>            | <b>19,465</b>     | <b>22,663</b>     | <b>20,587</b>          |
| <b>Other Europe:</b>          |                   |                |                        |                   |             |                        |                   |                   |                        |
| Albania .....                 | 100               | 100            | 100                    | 3.00              | 3.00        | 2.90                   | 300               | 300               | 290                    |
| Bosnia-Herzegovina .....      | 114               | 103            | 110                    | 2.41              | 2.61        | 2.70                   | 275               | 269               | 297                    |
| Bulgaria .....                | 1,050             | 1,100          | 1,150                  | 2.76              | 2.82        | 3.00                   | 2,900             | 3,100             | 3,450                  |
| Croatia .....                 | 235               | 215            | 219                    | 4.39              | 3.72        | 4.31                   | 1,032             | 800               | 943                    |
| Macedonia (Skopje) .....      | 115               | 118            | 120                    | 2.78              | 1.82        | 2.08                   | 320               | 215               | 250                    |
| Norway .....                  | 68                | 63             | 65                     | 4.60              | 4.00        | 4.31                   | 313               | 252               | 280                    |
| Romania .....                 | 1,942             | 2,543          | 2,190                  | 2.37              | 2.63        | 1.96                   | 4,600             | 6,700             | 4,300                  |
| Serbia and Montenegro .....   | 653               | 720            | 750                    | 2.76              | 3.47        | 2.93                   | 1,800             | 2,500             | 2,200                  |
| Switzerland .....             | 96                | 91             | 100                    | 6.10              | 5.71        | 6.10                   | 586               | 520               | 610                    |
| <b>Total E. Europe .....</b>  | <b>4,373</b>      | <b>5,053</b>   | <b>4,804</b>           | <b>2.77</b>       | <b>2.90</b> | <b>2.63</b>            | <b>12,126</b>     | <b>14,656</b>     | <b>12,620</b>          |

See footnotes at end of table.

**Table 1-11.—Wheat: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>—Continued**

| Continent and country     | Area <sup>2</sup> |                |                        | Yield per hectare |             |                        | Production        |                   |                        |
|---------------------------|-------------------|----------------|------------------------|-------------------|-------------|------------------------|-------------------|-------------------|------------------------|
|                           | 2000/2001         | 2001/2002      | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002   | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002         | 2002/2003 <sup>3</sup> |
|                           | 1,000 hectares    | 1,000 hectares | 1,000 hectares         | Metric tons       | Metric tons | Metric tons            | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons      |
| <b>Fmr. Soviet Union:</b> |                   |                |                        |                   |             |                        |                   |                   |                        |
| Armenia .....             | 90                | 95             | 105                    | 1.11              | 2.11        | 2.29                   | 100               | 200               | 240                    |
| Azerbaijan .....          | 493               | 600            | 650                    | 2.64              | 2.67        | 2.60                   | 1,300             | 1,600             | 1,690                  |
| Belarus .....             | 425               | 425            | 525                    | 2.24              | 2.35        | 2.86                   | 950               | 1,000             | 1,500                  |
| Georgia .....             | 90                | 111            | 130                    | 1.00              | 2.70        | 1.54                   | 90                | 300               | 200                    |
| Kazakhstan .....          | 10,500            | 10,700         | 11,500                 | 0.87              | 1.19        | 1.10                   | 9,100             | 12,700            | 12,600                 |
| Kyrgyzstan .....          | 450               | 480            | 500                    | 2.22              | 2.60        | 2.60                   | 1,000             | 1,250             | 1,300                  |
| Moldova .....             | 370               | 420            | 420                    | 1.96              | 2.86        | 2.86                   | 725               | 1,200             | 1,200                  |
| Russian Fed. ....         | 23,200            | 23,800         | 25,700                 | 1.48              | 1.97        | 1.97                   | 34,450            | 46,900            | 50,550                 |
| Tajikistan .....          | 301               | 290            | 290                    | 0.94              | 0.79        | 1.93                   | 283               | 230               | 560                    |
| Turkmenistan ...          | 700               | 700            | 700                    | 1.64              | 1.71        | 2.86                   | 1,150             | 1,200             | 2,000                  |
| Ukraine .....             | 5,161             | 6,882          | 6,750                  | 1.98              | 3.10        | 3.04                   | 10,197            | 21,349            | 20,550                 |
| Uzbekistan .....          | 1,200             | 1,200          | 1,200                  | 3.00              | 2.83        | 4.17                   | 3,600             | 3,400             | 5,000                  |
| <b>Total .....</b>        | <b>42,980</b>     | <b>45,703</b>  | <b>48,470</b>          | <b>1.46</b>       | <b>2.00</b> | <b>2.01</b>            | <b>62,945</b>     | <b>91,329</b>     | <b>97,390</b>          |
| <b>Middle East:</b>       |                   |                |                        |                   |             |                        |                   |                   |                        |
| Iran .....                | 6,000             | 6,000          | 6,200                  | 1.33              | 1.42        | 1.94                   | 8,000             | 8,500             | 12,000                 |
| Iraq .....                | 1,200             | 1,220          | 1,800                  | 0.38              | 0.53        | 1.00                   | 450               | 650               | 1,800                  |
| Israel .....              | 25                | 65             | 75                     | 3.20              | 2.08        | 2.33                   | 80                | 135               | 175                    |
| Jordan .....              | 23                | 27             | 72                     | 1.26              | 0.89        | 1.04                   | 29                | 24                | 75                     |
| Lebanon .....             | 15                | 15             | 20                     | 2.00              | 2.00        | 3.00                   | 30                | 30                | 60                     |
| Saudi Arabia ....         | 400               | 446            | 446                    | 4.50              | 4.48        | 4.48                   | 1,800             | 2,000             | 2,000                  |
| Syria .....               | 1,200             | 1,500          | 1,600                  | 2.25              | 3.00        | 2.81                   | 2,700             | 4,500             | 4,500                  |
| Turkey .....              | 8,700             | 8,500          | 8,550                  | 2.07              | 1.82        | 1.96                   | 18,000            | 15,500            | 16,800                 |
| Yemen .....               | 100               | 100            | 100                    | 1.50              | 1.50        | 1.50                   | 150               | 150               | 150                    |
| <b>Total .....</b>        | <b>17,663</b>     | <b>17,873</b>  | <b>18,863</b>          | <b>1.77</b>       | <b>1.76</b> | <b>1.99</b>            | <b>31,239</b>     | <b>31,489</b>     | <b>37,560</b>          |
| <b>Africa:</b>            |                   |                |                        |                   |             |                        |                   |                   |                        |
| Algeria .....             | 827               | 1,836          | 1,400                  | 0.92              | 1.09        | 0.80                   | 760               | 2,010             | 1,120                  |
| Angola .....              | 2                 | 3              | 5                      | 2.00              | 1.33        | 0.80                   | 4                 | 4                 | 4                      |
| Chad .....                | 4                 | 4              | 4                      | 0.75              | 1.00        | 1.00                   | 3                 | 4                 | 4                      |
| Congo, Dem. Rep. ....     | 10                | 10             | 10                     | 1.00              | 1.00        | 1.80                   | 10                | 10                | 18                     |
| Egypt .....               | 1,190             | 1,002          | 1,008                  | 5.34              | 6.12        | 6.10                   | 6,350             | 6,130             | 6,150                  |
| Eritrea .....             | 23                | 23             | 25                     | 1.87              | 1.09        | 0.48                   | 43                | 25                | 12                     |
| Ethiopia .....            | 1,675             | 1,650          | 1,650                  | 1.09              | 1.11        | 0.97                   | 1,820             | 1,830             | 1,600                  |
| Kenya .....               | 80                | 145            | 140                    | 1.31              | 1.59        | 1.96                   | 105               | 230               | 275                    |
| Lesotho .....             | 19                | 12             | 29                     | 1.21              | 1.50        | 0.52                   | 23                | 18                | 15                     |
| Libya .....               | 250               | 250            | 250                    | 0.50              | 0.50        | 0.50                   | 125               | 125               | 125                    |
| Morocco .....             | 2,902             | 2,701          | 2,626                  | 0.48              | 1.23        | 1.28                   | 1,381             | 3,316             | 3,357                  |
| Mozambique .....          | 1                 | 1              | 1                      | 1.00              | 1.00        | 1.00                   | 1                 | 1                 | 1                      |
| Nigeria .....             | 35                | 35             | 35                     | 1.29              | 1.43        | 1.43                   | 45                | 50                | 50                     |
| <b>South Africa,</b>      |                   |                |                        |                   |             |                        |                   |                   |                        |
| Rep. ....                 | 934               | 959            | 941                    | 2.51              | 2.60        | 2.47                   | 2,349             | 2,490             | 2,320                  |
| Sudan .....               | 90                | 140            | 100                    | 2.39              | 2.39        | 2.50                   | 215               | 335               | 250                    |
| Tanzania, United Rep. ... | 60                | 55             | 55                     | 1.00              | 1.36        | 1.36                   | 60                | 75                | 75                     |
| Tunisia .....             | 910               | 825            | 755                    | 1.45              | 1.36        | 0.56                   | 1,320             | 1,120             | 420                    |
| Zambia .....              | 11                | 12             | 12                     | 5.45              | 6.67        | 6.25                   | 60                | 80                | 75                     |
| Zimbabwe .....            | 46                | 45             | 40                     | 5.54              | 5.56        | 3.75                   | 255               | 250               | 150                    |
| <b>Total .....</b>        | <b>9,069</b>      | <b>9,708</b>   | <b>9,086</b>           | <b>1.65</b>       | <b>1.86</b> | <b>1.76</b>            | <b>14,929</b>     | <b>18,103</b>     | <b>16,021</b>          |

See footnotes at end of table.

**Table 1-11.—Wheat: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>—Continued**

| Continent and country     | Area <sup>2</sup>      |                        |                            | Yield per hectare |                |                            | Production              |                         |                            |
|---------------------------|------------------------|------------------------|----------------------------|-------------------|----------------|----------------------------|-------------------------|-------------------------|----------------------------|
|                           | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001           | 2001/<br>2002           | 2002/<br>2003 <sup>3</sup> |
|                           | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares     | Metric<br>tons    | Metric<br>tons | Metric<br>tons             | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons    |
| <b>Asia:</b>              |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Afghanistan .....         | 2,029                  | 1,779                  | 1,742                      | 0.72              | 0.90           | 1.54                       | 1,469                   | 1,597                   | 2,686                      |
| Bangladesh .....          | 773                    | 750                    | 778                        | 2.16              | 2.15           | 1.99                       | 1,673                   | 1,610                   | 1,550                      |
| Bhutan .....              | 13                     | 13                     | 13                         | 1.54              | 1.54           | 1.54                       | 20                      | 20                      | 20                         |
| Burma .....               | 90                     | 90                     | 90                         | 1.11              | 1.11           | 1.11                       | 100                     | 100                     | 100                        |
| China, Peop.<br>Rep. .... | 26,650                 | 24,664                 | 23,910                     | 3.74              | 3.81           | 3.78                       | 99,640                  | 93,873                  | 90,290                     |
| India .....               | 27,486                 | 25,700                 | 25,900                     | 2.78              | 2.71           | 2.77                       | 76,369                  | 69,680                  | 71,810                     |
| Japan .....               | 183                    | 197                    | 207                        | 3.76              | 3.55           | 4.00                       | 688                     | 700                     | 828                        |
| Korea, Dem.<br>Rep. ....  | 90                     | 90                     | 95                         | 1.67              | 0.89           | 2.05                       | 150                     | 80                      | 195                        |
| Korea, Rep. ....          | 1                      | 1                      | 2                          | 2.00              | 3.00           | 3.00                       | 2                       | 3                       | 6                          |
| Mongolia .....            | 300                    | 300                    | 300                        | 0.50              | 0.50           | 0.50                       | 150                     | 150                     | 150                        |
| Nepal .....               | 640                    | 640                    | 640                        | 1.64              | 1.64           | 1.64                       | 1,050                   | 1,050                   | 1,050                      |
| Pakistan .....            | 8,463                  | 8,100                  | 8,057                      | 2.49              | 2.35           | 2.26                       | 21,079                  | 19,023                  | 18,226                     |
| <b>Total .....</b>        | <b>66,718</b>          | <b>62,324</b>          | <b>61,734</b>              | <b>3.03</b>       | <b>3.01</b>    | <b>3.03</b>                | <b>202,390</b>          | <b>187,886</b>          | <b>186,911</b>             |
| <b>Oceania:</b>           |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Australia .....           | 13,002                 | 11,592                 | 10,831                     | 1.70              | 2.14           | 0.87                       | 22,108                  | 24,854                  | 9,385                      |
| New Zealand ...           | 53                     | 56                     | 56                         | 6.15              | 6.52           | 6.34                       | 326                     | 365                     | 355                        |
| <b>Total .....</b>        | <b>13,055</b>          | <b>11,648</b>          | <b>10,887</b>              | <b>1.72</b>       | <b>2.17</b>    | <b>0.89</b>                | <b>22,434</b>           | <b>25,219</b>           | <b>9,740</b>               |
| <b>World Total ...</b>    | <b>219,374</b>         | <b>215,204</b>         | <b>214,215</b>             | <b>2.65</b>       | <b>2.70</b>    | <b>2.64</b>                | <b>581,491</b>          | <b>580,859</b>          | <b>565,769</b>             |

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1994 is combined with estimates for the Southern Hemisphere Harvests, which begin late in 1994 and end early in 1995. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches and Foreign Service Officers, results of office research, and related information.

**Table 1-12.—Wheat and flour: United States imports, 1993–2002**

| Year beginning June | Wheat grain <sup>1</sup> | Flour (wheat equivalent) | Other products (wheat equivalent) <sup>2</sup> | Total wheat, flour, and other products |
|---------------------|--------------------------|--------------------------|--|--|
|                     | 1,000 bushels            | 1,000 bushels            | 1,000 bushels                                  | 1,000 bushels                          |
| 1993 .....          | 91,287                   | 6,486                    | 11,086   | 108,859                                |
| 1994 .....          | 70,561                   | 8,073                    | 13,313   | 91,947                                 |
| 1995 .....          | 47,753                   | 6,687                    | 13,493   | 67,933                                 |
| 1996 .....          | 71,727                   | 6,386                    | 14,220   | 92,333                                 |
| 1997 .....          | 73,245                   | 6,055                    | 15,623   | 94,923                                 |
| 1998 .....          | 79,766                   | 7,423                    | 15,815   | 103,004                                |
| 1999 .....          | 72,408                   | 7,116                    | 14,986   | 94,511                                 |
| 2000 .....          | 66,313                   | 8,863                    | 14,649   | 89,825                                 |
| 2001 .....          | 82,615                   | 9,907                    | 15,029   | 107,551                                |
| 2002 .....          | 49,743                   | 11,945                   | 15,691   | 77,380                                 |

<sup>1</sup> Starting January 1989, Census ceased reporting wheat suitable for milling and unfit for human consumption. <sup>2</sup> Includes macaroni, semolina, and similar products. Beginning in 1988/89 total wheat grain is reported under the suitable for milling column.

ERS, Market and Trade Economics Division, (202) 694-5285.

**Table 1-13.—Wheat, flour, and products: <sup>1</sup> International trade, 2000/2001–2002/2003 <sup>2</sup>**

| Country                     | 2000/2001                | 2001/2002                | 2002/2003 <sup>3</sup>   |
|-----------------------------|--------------------------|--------------------------|--------------------------|
|                             | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| <b>Principal exporters:</b> |                          |                          |                          |
| Argentina .....             | 11,396                   | 11,671                   | 6,276                    |
| Australia .....             | 16,682                   | 16,494                   | 10,946                   |
| Canada .....                | 17,351                   | 16,758                   | 9,393                    |
| India .....                 | 2,357                    | 3,234                    | 5,350                    |
| Kazakhstan .....            | 3,668                    | 3,780                    | 5,505                    |
| Russia .....                | 696                      | 4,372                    | 12,621                   |
| Turkey .....                | 1,601                    | 558                      | 839                      |
| Ukraine .....               | 78                       | 5,486                    | 6,569                    |
| EU .....                    | 15,225                   | 11,494                   | 16,315                   |
| Eastern Europe .....        | 2,336                    | 4,173                    | 4,651                    |
| Others .....                | 4,217                    | 6,173                    | 7,467                    |
| Subtotal .....              | 75,607                   | 84,193                   | 85,932                   |
| United States .....         | 28,027                   | 26,244                   | 22,969                   |
| Total .....                 | 103,634                  | 110,437                  | 108,901                  |
| <b>Principal importers:</b> |                          |                          |                          |
| Algeria .....               | 5,600                    | 4,572                    | 6,079                    |
| Bangladesh .....            | 1,293                    | 1,565                    | 1,335                    |
| Bolivia .....               | 485                      | 462                      | 356                      |
| Brazil .....                | 7,453                    | 7,202                    | 6,631                    |
| Chile .....                 | 438                      | 433                      | 420                      |
| China .....                 | 195                      | 1,092                    | 425                      |
| Colombia .....              | 1,164                    | 1,161                    | 1,166                    |
| Cuba .....                  | 963                      | 1,054                    | 819                      |
| Ecuador .....               | 490                      | 431                      | 347                      |
| Egypt .....                 | 6,050                    | 6,944                    | 6,300                    |
| Ethiopia .....              | 892                      | 400                      | 611                      |
| India .....                 | 45                       | 33                       | 19                       |
| Indonesia .....             | 4,069                    | 3,677                    | 4,000                    |
| Iran .....                  | 6,245                    | 5,586                    | 1,561                    |
| Iraq .....                  | 3,200                    | 2,801                    | 1,579                    |
| Israel .....                | 1,251                    | 1,553                    | 1,691                    |
| Japan .....                 | 5,885                    | 5,836                    | 5,579                    |
| Jordan .....                | 650                      | 752                      | 1,147                    |
| Kenya .....                 | 806                      | 633                      | 656                      |
| Korea, North .....          | 300                      | 300                      | 400                      |
| Korea, South .....          | 3,127                    | 3,979                    | 4,052                    |
| Libya .....                 | 1,400                    | 1,623                    | 1,425                    |
| Malaysia .....              | 1,265                    | 1,268                    | 1,195                    |
| Mexico .....                | 3,066                    | 3,171                    | 3,161                    |
| Morocco .....               | 3,632                    | 3,075                    | 2,720                    |
| Nigeria .....               | 1,913                    | 2,446                    | 2,304                    |
| Pakistan .....              | 50                       | 250                      | 181                      |
| Peru .....                  | 1,451                    | 1,421                    | 1,157                    |
| Philippines .....           | 3,050                    | 2,922                    | 3,230                    |
| Russia .....                | 1,604                    | 629                      | 520                      |
| South Africa .....          | 438                      | 561                      | 1,024                    |
| Sri Lanka .....             | 779                      | 851                      | 995                      |
| Sudan .....                 | 920                      | 902                      | 860                      |
| Taiwan .....                | 1,033                    | 1,026                    | 1,003                    |
| Thailand .....              | 941                      | 967                      | 895                      |
| Tunisia .....               | 1,595                    | 1,261                    | 2,167                    |
| Turkey .....                | 446                      | 1,088                    | 1,166                    |
| UAE .....                   | 1,101                    | 1,149                    | 1,010                    |
| Uzbekistan .....            | 550                      | 481                      | 254                      |
| Venezuela .....             | 1,394                    | 1,395                    | 961                      |
| Vietnam .....               | 650                      | 916                      | 875                      |
| Yemen .....                 | 2,117                    | 1,761                    | 1,685                    |
| EU .....                    | 3,159                    | 9,822                    | 12,526                   |
| O.W. Europe .....           | 523                      | 970                      | 725                      |
| Eastern Europe .....        | 2,732                    | 1,687                    | 1,885                    |
| United States .....         | 2,419                    | 2,953                    | 1,960                    |
| Subtotal .....              | 88,829                   | 95,061                   | 91,057                   |
| Other Countries .....       | 12,592                   | 13,646                   | 14,965                   |
| Unaccounted .....           | 2,213                    | 1,730                    | 2,879                    |
| Total .....                 | 103,634                  | 110,437                  | 108,901                  |

<sup>1</sup> Flour and products reported in terms of grain equivalent. <sup>2</sup> Year beginning July 1. <sup>3</sup> Preliminary.

FAS, Grain and Feed Division, (202) 720-6219. Prepared or estimated on the basis of official statistics from foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

**Table 1-14.—Wheat and flour: <sup>1</sup> United States exports by country of destination, 2000/2001 and 2002/2003**

| Country of destination          | Year <sup>2</sup> |                   |                   |
|---------------------------------|-------------------|-------------------|-------------------|
|                                 | 2000/2001         | 2001/2002         | 2002/2003         |
|                                 | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons |
| <b>Wheat:</b>                   |                   |                   |                   |
| Japan .....                     | 3,018             | 2,995             | 3,081             |
| Mexico .....                    | 1,963             | 2,168             | 2,392             |
| Nigeria .....                   | 1,487             | 1,893             | 1,688             |
| Philippines .....               | 1,941             | 1,418             | 1,499             |
| Korea, Republic of .....        | 1,434             | 1,210             | 1,233             |
| Egypt .....                     | 4,181             | 3,547             | 908               |
| Taiwan .....                    | 942               | 957               | 842               |
| Colombia .....                  | 626               | 535               | 736               |
| Brazil .....                    | 53                | 199               | 656               |
| Italy .....                     | 729               | 1,071             | 556               |
| Venezuela .....                 | 603               | 442               | 539               |
| Yemen .....                     | 644               | 539               | 521               |
| Israel .....                    | 670               | 608               | 404               |
| Thailand .....                  | 353               | 363               | 402               |
| Peru .....                      | 445               | 561               | 392               |
| Guatemala .....                 | 128               | 153               | 344               |
| Indonesia .....                 | 770               | 186               | 298               |
| Ethiopia .....                  | 344               | 14                | 297               |
| Canadian Trans. ....            | 254               | 609               | 264               |
| Dominican Republic .....        | 254               | 289               | 246               |
| Others .....                    | 6,086             | 5,575             | 4,872             |
| <b>Total .....</b>              | <b>26,925</b>     | <b>25,332</b>     | <b>22,170</b>     |
| <b>Wheat flour:</b>             |                   |                   |                   |
| El Salvador .....               | 0                 | 3                 | 51                |
| Yemen .....                     | 117               | 53                | 42                |
| Mexico .....                    | 21                | 30                | 39                |
| Mozambique .....                | 100               | 22                | 39                |
| Tajikistan, Republic of .....   | 67                | 45                | 35                |
| Canada .....                    | 52                | 25                | 32                |
| Bolivia .....                   | 30                | 27                | 27                |
| Bangladesh .....                | 52                | 0                 | 22                |
| Ethiopia .....                  | 6                 | 13                | 17                |
| Iraq .....                      | 0                 | 0                 | 15                |
| South Africa, Republic of ..... | 0                 | 0                 | 15                |
| Zimbabwe .....                  | 0                 | 0                 | 15                |
| Germany .....                   | 0                 | 51                | 12                |
| Haiti .....                     | 69                | 24                | 12                |
| Chad .....                      | 9                 | 14                | 10                |
| India .....                     | 37                | 30                | 10                |
| Uzbekistan, Republic of .....   | 0                 | 10                | 10                |
| Nicaragua .....                 | 10                | 8                 | 9                 |
| Angola .....                    | 34                | 2                 | 8                 |
| Bulgaria .....                  | 0                 | 7                 | 8                 |
| Others .....                    | 265               | 362               | 91                |
| <b>Total .....</b>              | <b>869</b>        | <b>726</b>        | <b>519</b>        |

<sup>1</sup> Flour reported in terms of grain equivalent. <sup>2</sup> Year beginning Jul 1.

FAS, Grain and Feed Division, (202) 720-6219. Compiled from reports of the U.S. Department of Commerce.

**Table 1-15.—Rye: Area, yield, production, disposition, and value, United States, 1994–2003**

| Year       | Area                 |                    | Yield per harvested acre | Production           | Marketing year average price per bushel received by farmers <sup>2 3</sup> | Value of production <sup>2 3</sup> |
|------------|----------------------|--------------------|--------------------------|----------------------|--|------------------------------------|
|            | Planted <sup>1</sup> | Harvested          |                          |                      |  |                                    |
|            | <i>1,000 acres</i>   | <i>1,000 acres</i> | <i>Bushels</i>           | <i>1,000 bushels</i> | <i>Dollars</i>   | <i>1,000 dollars</i>               |
| 1994 ..... | 1,613                | 407                | 27.9                     | 11,341               | 2.70   | 30,520                             |
| 1995 ..... | 1,602                | 385                | 26.1                     | 10,064               | 2.90   | 28,948                             |
| 1996 ..... | 1,457                | 345                | 25.9                     | 8,936                | 3.70   | 33,118                             |
| 1997 ..... | 1,400                | 316                | 25.7                     | 8,132                | 3.75   | 30,120                             |
| 1998 ..... | 1,566                | 418                | 29.1                     | 12,161               | 2.49   | 30,404                             |
| 1999 ..... | 1,582                | 383                | 28.8                     | 11,038               | 2.27   | 25,084                             |
| 2000 ..... | 1,329                | 296                | 28.3                     | 8,386                | 2.60   | 21,830                             |
| 2001 ..... | 1,328                | 250                | 27.6                     | 6,896                | 2.93   | 20,422                             |
| 2002 ..... | 1,355                | 263                | 24.7                     | 6,488                | 3.38   | 23,511                             |
| 2003 ..... | 1,368                | 339                | 27.3                     | 9,254                | 2.95   | 27,389                             |

<sup>1</sup> Area planted in preceding fall. <sup>2</sup> Preliminary. <sup>3</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.  
 NASS, Crops Branch, (202) 720-2127.

**Table 1-16.—Rye: Supply and disappearance, United States, 1994–2003**

| Year beginning June | Supply               |                      |                      |                      | Disappearance        |                      |                      |                      |                      |                      |                      | Ending stocks May 31 |
|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                     | Beginning stocks     | Production           | Imports              | Total                | Domestic use         |                      |                      |                      |                      | Exports              | Total disappearance  |                      |
|                     |                      |                      |                      |                      | Food                 | Seed                 | Industry             | Feed <sup>1</sup>    | Total                |                      |                      |                      |
|                     | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> |
| 1994 ..             | 971                  | 11,341               | 4,386                | 16,698               | 3,312                | 3,000                | 2,000                | 6,900                | 15,212               | 35                   | 15,247               | 1,451                |
| 1995 ..             | 1,451                | 10,064               | 3,760                | 15,275               | 3,318                | 3,000                | 2,000                | 6,018                | 14,336               | 41                   | 14,377               | 898                  |
| 1996 ..             | 898                  | 8,936                | 4,327                | 14,161               | 3,459                | 3,000                | 2,000                | 4,916                | 13,375               | 32                   | 13,407               | 754                  |
| 1997 ..             | 754                  | 8,132                | 5,562                | 14,448               | 3,298                | 2,000                | 3,000                | 5,306                | 13,604               | 80                   | 13,684               | 764                  |
| 1998 ..             | 764                  | 12,161               | 3,322                | 16,247               | 3,639                | 3,000                | 3,000                | 4,392                | 14,031               | 33                   | 14,064               | 2,183                |
| 1999 ..             | 2,449                | 11,038               | 3,424                | 16,911               | 3,300                | 3,000                | 3,000                | 5,736                | 15,036               | 286                  | 15,322               | 1,589                |
| 2000 ..             | 1,589                | 8,386                | 3,230                | 13,187               | 3,300                | 3,000                | 3,000                | 2,307                | 11,607               | 390                  | 11,997               | 1,190                |
| 2001 ..             | 1,190                | 6,971                | 4,945                | 13,106               | 3,300                | 3,000                | 3,000                | 3,045                | 12,345               | 193                  | 12,538               | 568                  |
| 2002 ..             | 568                  | 6,955                | 6,000                | 13,523               | 3,300                | 3,000                | 3,000                | 3,405                | 12,705               | 250                  | 12,955               | 568                  |
| 2003 <sup>2</sup>   | 568                  | 9,254                | 4,000                | 13,822               | 3,300                | 3,000                | 3,000                | 3,704                | 13,004               | 250                  | 13,254               | 568                  |

<sup>1</sup> Residual, approximates total feed use. <sup>2</sup> Preliminary. Totals may not add due to independent rounding.  
 ERS, Market and Trade Economics Division, (202) 694-5302.

**Table 1-17.—Rye: Support operations, United States, 1994–2003**

| Marketing year beginning June 1 | Loan rate per bushel <sup>1</sup> | Put under loan <sup>2</sup> |                          | Acquired by CCC under support program <sup>3</sup> | Owned by CCC at end of marketing year |
|---------------------------------|-----------------------------------|-----------------------------|--------------------------|--|---------------------------------------|
|                                 |                                   | Quantity                    | Percentage of production |  |                                       |
|                                 | <i>Dollars</i>                    | <i>Million bushels</i>      | <i>Percent</i>           | <i>Million bushels</i>                             | <i>Million bushels</i>                |
| 1994/95 .....                   | 1.61                              | 0.1                         | 0.9                      | 0.0  | 0.0                                   |
| 1995/96 .....                   | 1.61                              | 0.1                         | 1.0                      | 0.0  | 0.0                                   |
| 1996/97 .....                   | (4)                               | .....                       | .....                    | .....  | .....                                 |
| 1997/98 .....                   | (4)                               | .....                       | .....                    | .....  | .....                                 |
| 1998/99 .....                   | (4)                               | .....                       | .....                    | .....  | .....                                 |
| 1999/2000 .....                 | (4)                               | .....                       | .....                    | .....  | .....                                 |
| 2000/2001 .....                 | (4)                               | .....                       | .....                    | .....  | .....                                 |
| 2001/2002 .....                 | (4)                               | .....                       | .....                    | .....  | .....                                 |
| 2002/2003 .....                 | (4)                               | .....                       | .....                    | .....  | .....                                 |
| 2003/2004 .....                 | (4)                               | .....                       | .....                    | .....  | .....                                 |

<sup>1</sup> The national average loan rate was also known as the price support rate prior to enactment of the Federal Agriculture Improvement and Reform Act of 1996. <sup>2</sup> Includes loans made, purchases, and purchase agreements entered into. <sup>3</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous years. <sup>4</sup> The Federal Agriculture Improvement and Reform Act of 1996 did not provide authority for rye loans after the 1995/96 marketing year.  
 FSA, Feed Grains & Oilseeds Analysis, (202) 720-8838.

**Table 1-18.—Rye: Area, yield, and production, by States, 2001–2003**

| State                      | Area planted <sup>1</sup> |                    |                    | Area harvested     |                    |                    | Yield per harvested acre |                 |                 | Production            |                       |                       |
|----------------------------|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|-----------------|-----------------|-----------------------|-----------------------|-----------------------|
|                            | 2001                      | 2002               | 2003               | 2001               | 2002               | 2003               | 2001                     | 2002            | 2003            | 2001                  | 2002                  | 2003                  |
|                            | <i>1,000 acres</i>        | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Bush-els</i>          | <i>Bush-els</i> | <i>Bush-els</i> | <i>1,000 bush-els</i> | <i>1,000 bush-els</i> | <i>1,000 bush-els</i> |
| GA .....                   | 300                       | 240                | 270                | 30                 | 35                 | 50                 | 25.0                     | 16.0            | 16.0            | 750                   | 560                   | 800                   |
| ND .....                   | 13                        | 10                 | 18                 | 10                 | 7                  | 15                 | 34.0                     | 30.0            | 50.0            | 340                   | 210                   | 750                   |
| OK .....                   | 250                       | 280                | 280                | 50                 | 65                 | 90                 | 23.0                     | 20.0            | 24.0            | 1,150                 | 1,300                 | 2,160                 |
| SD .....                   | 10                        | 15                 | 20                 | 10                 | 10                 | 14                 | 35.0                     | 27.0            | 48.0            | 350                   | 270                   | 672                   |
| Oth Sts <sup>2</sup> ..... | 755                       | 810                | 780                | 150                | 146                | 170                | 28.7                     | 28.4            | 28.7            | 4,306                 | 4,148                 | 4,872                 |
| US .....                   | 1,328                     | 1,355              | 1,368              | 250                | 263                | 339                | 27.6                     | 24.7            | 27.3            | 6,896                 | 6,488                 | 9,254                 |

<sup>1</sup> Includes area planted preceding fall. <sup>2</sup> Other States include IL, KS, MI, MN, NE, NY, NC, PA, SC, TX, and WI. NASS, Crops Branch, (202) 720-2127.

**Table 1-19.—Rye: Marketing year average price and value, by States, crop of 2001, 2002, and 2003 <sup>1</sup>**

| State                      | Marketing year average price per bushel |                |                   | Value of production  |                      |                      |
|----------------------------|---|----------------|-------------------|----------------------|----------------------|----------------------|
|                            | 2001                                    | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|                            | <i>Dollars</i>                          | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| GA .....                   | 6.00                                    | 6.00           | 4.00              | 5,250                | 4,320                | 3,200                |
| ND .....                   | 1.55                                    | 2.69           | 2.00              | 527                  | 920                  | 1,500                |
| OK .....                   | 3.40                                    | 4.00           | 3.90              | 3,910                | 5,200                | 8,424                |
| SD .....                   | 2.50                                    | 3.35           | 2.25              | 875                  | 905                  | 1,512                |
| Oth Sts <sup>3</sup> ..... | 2.32                                    | 2.81           | 2.60              | 9,860                | 12,166               | 12,753               |
| US .....                   | 2.93                                    | 3.38           | 2.95              | 20,422               | 23,511               | 27,389               |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary. <sup>3</sup> Other States include IL, KS, MI, MN, NE, NY, NC, PA, SC, TX, and WI. NASS, Crops Branch, (202) 720-2127.

**Table 1-20.—Rye: Area, yield, and production in specified countries, 2000/2001–2002/2003 <sup>1</sup>**

| Continent and country    | Area <sup>2</sup>     |                       |                        | Yield per hectare  |                    |                        | Production               |                          |                          |
|--------------------------|-----------------------|-----------------------|------------------------|--------------------|--------------------|------------------------|--------------------------|--------------------------|--------------------------|
|                          | 2000/2001             | 2001/2002             | 2002/2003 <sup>3</sup> | 2000/2001          | 2001/2002          | 2002/2003 <sup>3</sup> | 2000/2001                | 2001/2002                | 2002/2003 <sup>3</sup>   |
|                          | <i>1,000 hectares</i> | <i>1,000 hectares</i> | <i>1,000 hectares</i>  | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>     | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| North America:           |                       |                       |                        |                    |                    |                        |                          |                          |                          |
| Canada .....             | 115                   | 123                   | 77                     | 2.26               | 1.85               | 1.74                   | 260                      | 228                      | 134                      |
| United States ...        | 120                   | 103                   | 114                    | 1.78               | 1.72               | 1.55                   | 213                      | 177                      | 177                      |
| Total .....              | 235                   | 226                   | 191                    | 2.01               | 1.79               | 1.63                   | 473                      | 405                      | 311                      |
| South America:           |                       |                       |                        |                    |                    |                        |                          |                          |                          |
| Argentina .....          | 87                    | 66                    | 53                     | 1.44               | 1.23               | 1.45                   | 125                      | 81                       | 77                       |
| Brazil .....             | 7                     | 7                     | 7                      | 1.29               | 1.29               | 1.29                   | 9                        | 9                        | 9                        |
| Chile .....              | 5                     | 5                     | 5                      | 2.00               | 2.00               | 2.00                   | 10                       | 10                       | 10                       |
| Total .....              | 99                    | 78                    | 65                     | 1.45               | 1.28               | 1.48                   | 144                      | 100                      | 96                       |
| European Union:          |                       |                       |                        |                    |                    |                        |                          |                          |                          |
| Austria .....            | 53                    | 51                    | 49                     | 3.40               | 4.20               | 3.59                   | 180                      | 214                      | 176                      |
| Belgium-Luxembourg ..... | 2                     | 2                     | 1                      | 5.00               | 4.00               | 8.00                   | 10                       | 8                        | 8                        |
| Denmark .....            | 51                    | 65                    | 46                     | 5.14               | 5.11               | 5.00                   | 262                      | 332                      | 230                      |
| Finland .....            | 44                    | 29                    | 30                     | 2.45               | 2.21               | 2.43                   | 108                      | 64                       | 73                       |
| France .....             | 32                    | 28                    | 29                     | 4.56               | 4.14               | 4.79                   | 146                      | 116                      | 139                      |
| Germany .....            | 843                   | 837                   | 728                    | 4.93               | 6.13               | 5.04                   | 4,154                    | 5,132                    | 3,666                    |
| Greece .....             | 15                    | 20                    | 15                     | 2.27               | 1.50               | 2.27                   | 34                       | 30                       | 34                       |
| Italy .....              | 4                     | 3                     | 3                      | 2.50               | 3.00               | 3.33                   | 10                       | 9                        | 10                       |
| Netherlands .....        | 6                     | 4                     | 4                      | 4.83               | 4.25               | 4.25                   | 29                       | 17                       | 17                       |
| Portugal .....           | 45                    | 38                    | 36                     | 1.02               | 0.63               | 0.94                   | 46                       | 24                       | 34                       |
| Spain .....              | 111                   | 101                   | 102                    | 1.89               | 1.06               | 1.71                   | 210                      | 107                      | 174                      |
| Sweden .....             | 35                    | 34                    | 24                     | 5.34               | 5.29               | 5.33                   | 187                      | 180                      | 128                      |
| United Kingdom           | 7                     | 5                     | 5                      | 6.29               | 4.60               | 5.80                   | 44                       | 23                       | 29                       |
| Total .....              | 1,248                 | 1,217                 | 1,072                  | 4.34               | 5.14               | 4.40                   | 5,420                    | 6,256                    | 4,718                    |

See footnotes at end of table.

**Table 1-20.—Rye: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>—Continued**

| Continent and country          | Area <sup>2</sup>      |                        |                            | Yield per hectare |                |                            | Production              |                         |                            |
|--------------------------------|------------------------|------------------------|----------------------------|-------------------|----------------|----------------------------|-------------------------|-------------------------|----------------------------|
|                                | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001           | 2001/<br>2002           | 2002/<br>2003 <sup>3</sup> |
|                                | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares     | Metric<br>tons    | Metric<br>tons | Metric<br>tons             | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons    |
| <b>EU Accession Countries:</b> |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Czech Republic                 | 44                     | 40                     | 35                         | 3.41              | 3.73           | 3.40                       | 150                     | 149                     | 119                        |
| Estonia .....                  | 29                     | 20                     | 18                         | 2.10              | 2.05           | 2.39                       | 61                      | 41                      | 43                         |
| Hungary .....                  | 40                     | 50                     | 50                         | 2.00              | 2.42           | 2.00                       | 80                      | 121                     | 100                        |
| Latvia .....                   | 55                     | 56                     | 41                         | 2.02              | 1.91           | 2.44                       | 111                     | 107                     | 100                        |
| Lithuania .....                | 133                    | 111                    | 75                         | 2.34              | 2.11           | 2.27                       | 311                     | 234                     | 170                        |
| Poland .....                   | 2,130                  | 2,002                  | 1,585                      | 1.88              | 2.43           | 2.41                       | 4,003                   | 4,863                   | 3,822                      |
| Slovakia .....                 | 32                     | 40                     | 40                         | 2.00              | 3.00           | 2.43                       | 64                      | 120                     | 97                         |
| Slovenia .....                 | 1                      | 1                      | 1                          | 3.00              | 3.00           | 3.00                       | 3                       | 3                       | 3                          |
| <b>Total .....</b>             | <b>2,464</b>           | <b>2,320</b>           | <b>1,845</b>               | <b>1.94</b>       | <b>2.43</b>    | <b>2.41</b>                | <b>4,783</b>            | <b>5,638</b>            | <b>4,454</b>               |
| <b>Other Europe:</b>           |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Albania .....                  | 10                     | 10                     | 10                         | 1.00              | 1.00           | 1.00                       | 10                      | 10                      | 10                         |
| Bosnia-Herzegovina             | 5                      | 5                      | 5                          | 2.40              | 2.60           | 2.60                       | 12                      | 13                      | 13                         |
| Bulgaria .....                 | 10                     | 10                     | 10                         | 1.50              | 1.50           | 1.50                       | 15                      | 15                      | 15                         |
| Croatia .....                  | 2                      | 2                      | 3                          | 3.00              | 3.00           | 2.33                       | 6                       | 6                       | 7                          |
| Macedonia (Skopje) .....       | 7                      | 7                      | 7                          | 1.57              | 1.57           | 1.57                       | 11                      | 11                      | 11                         |
| Norway .....                   | 3                      | 3                      | 3                          | 3.67              | 3.67           | 3.67                       | 11                      | 11                      | 11                         |
| Romania .....                  | 20                     | 20                     | 20                         | 2.50              | 2.50           | 2.50                       | 50                      | 50                      | 50                         |
| Serbia and Montenegro ..       | 6                      | 6                      | 6                          | 1.33              | 1.67           | 1.67                       | 8                       | 10                      | 10                         |
| Switzerland .....              | 3                      | 3                      | 3                          | 6.67              | 6.67           | 6.67                       | 20                      | 20                      | 20                         |
| <b>Total .....</b>             | <b>66</b>              | <b>66</b>              | <b>67</b>                  | <b>2.17</b>       | <b>2.21</b>    | <b>2.19</b>                | <b>143</b>              | <b>146</b>              | <b>147</b>                 |
| <b>Fmr. Soviet Union:</b>      |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Byelarus .....                 | 780                    | 800                    | 800                        | 1.86              | 2.00           | 2.38                       | 1,450                   | 1,600                   | 1,900                      |
| Kazakhstan .....               | 70                     | 70                     | 70                         | 0.71              | 1.07           | 0.71                       | 50                      | 75                      | 50                         |
| Russian Fed. ....              | 3,500                  | 3,600                  | 3,750                      | 1.56              | 1.83           | 1.91                       | 5,450                   | 6,600                   | 7,150                      |
| Ukraine .....                  | 637                    | 879                    | 750                        | 1.52              | 2.07           | 2.00                       | 966                     | 1,822                   | 1,500                      |
| <b>Total .....</b>             | <b>4,987</b>           | <b>5,349</b>           | <b>5,370</b>               | <b>1.59</b>       | <b>1.89</b>    | <b>1.97</b>                | <b>7,916</b>            | <b>10,097</b>           | <b>10,600</b>              |
| <b>Asia:</b>                   |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Turkey .....                   | 180                    | 180                    | 180                        | 1.39              | 1.39           | 1.39                       | 250                     | 250                     | 250                        |
| <b>Africa:</b>                 |                        |                        |                            |                   |                |                            |                         |                         |                            |
| South Africa .....             | 20                     | 20                     | 20                         | 0.15              | 0.15           | 0.15                       | 3                       | 3                       | 3                          |
| <b>Oceania:</b>                |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Australia .....                | 35                     | 35                     | 35                         | 0.57              | 0.57           | 0.57                       | 20                      | 20                      | 20                         |
| <b>World Total ...</b>         | <b>9,334</b>           | <b>9,491</b>           | <b>8,845</b>               | <b>2.05</b>       | <b>2.41</b>    | <b>2.33</b>                | <b>19,152</b>           | <b>22,915</b>           | <b>20,599</b>              |

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow: thus the crop harvested in the Northern Hemisphere in 1994 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1994 and end early in 1995. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign Governments, other foreign source materials, reports of Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



**Table 1-21.—Rice, rough: Area, yield, production, and value, United States, 1994–2003<sup>1</sup>**

| Year       | Area planted       | Area harvested     | Yield per acre | Production        | Marketing year average price per cwt. received by farmers <sup>2</sup> | Value of production <sup>2</sup> |
|------------|--------------------|--------------------|----------------|-------------------|--|----------------------------------|
|            | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>  | <i>1,000 cwt.</i> | <i>Dollars</i>   | <i>1,000 dollars</i>             |
| 1994 ..... | 3,353.0            | 3,316.0            | 5,964          | 197,779           | 6.78   | 1,336,570                        |
| 1995 ..... | 3,121.0            | 3,093.0            | 5,621          | 173,871           | 9.15   | 1,587,236                        |
| 1996 ..... | 2,824.0            | 2,804.0            | 6,120          | 171,599           | 9.96   | 1,690,270                        |
| 1997 ..... | 3,125.0            | 3,103.0            | 5,897          | 182,992           | 9.70   | 1,756,136                        |
| 1998 ..... | 3,285.0            | 3,257.0            | 5,663          | 184,443           | 8.89   | 1,654,157                        |
| 1999 ..... | 3,531.0            | 3,512.0            | 5,866          | 206,027           | 5.93   | 1,231,207                        |
| 2000 ..... | 3,060.0            | 3,039.0            | 6,281          | 190,872           | 5.61   | 1,049,961                        |
| 2001 ..... | 3,334.0            | 3,314.0            | 6,496          | 215,270           | 4.25   | 925,055                          |
| 2002 ..... | 3,240.0            | 3,207.0            | 6,578          | 210,960           | 4.49   | 979,628                          |
| 2003 ..... | 3,022.0            | 2,997.0            | 6,645          | 199,157           | 7.25   | 1,485,031                        |

<sup>1</sup>Sweet rice yield and production included in 2003 as short grain but not in previous years. <sup>2</sup>Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720-2127.

**Table 1-22.—Rice, rough: Stocks on and off farms, United States, 1995–2004**

| Year beginning previous December | On farms          |                   |                   | Off farms <sup>1</sup> |                   |                   |
|----------------------------------|-------------------|-------------------|-------------------|------------------------|-------------------|-------------------|
|                                  | Dec. 1            | Mar. 1            | Aug. 1            | Dec. 1                 | Mar. 1            | Aug. 1            |
|                                  | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| 1995 .....                       | 41,223            | 23,239            | 862               | 100,088                | 72,686            | 21,902            |
| 1996 .....                       | 32,936            | 20,520            | 486               | 88,395                 | 65,326            | 19,485            |
| 1997 .....                       | 32,719            | 16,003            | 428               | 86,350                 | 64,141            | 21,365            |
| 1998 .....                       | 33,470            | 21,205            | 1,136             | 90,873                 | 66,846            | 19,855            |
| 1999 .....                       | 35,584            | 22,290            | 1,560             | 85,394                 | 57,960            | 15,066            |
| 2000 .....                       | 50,185            | 27,212            | 1,141             | 89,191                 | 63,025            | 20,829            |
| 2001 .....                       | 38,085            | 18,715            | 921               | 95,842                 | 67,305            | 21,097            |
| 2002 <sup>2</sup> .....          | 52,680            | 31,725            | 5,180             | 101,881                | 81,783            | 26,629            |
| 2003 <sup>2</sup> .....          | 53,220            | 27,505            | 1,225             | 103,850                | 75,073            | 18,846            |
| 2004 <sup>2</sup> .....          | 43,165            | NA                | NA                | 92,154                 | NA                | NA                |

<sup>1</sup>Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit. <sup>2</sup>Preliminary. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 1-23.—Rice, by length of grain: Area, yield, and production, United States, 1994–2003**

| Year       | Area harvested     |                    |                    | Yield per acre |               |               | Production        |                   |                   |
|------------|--------------------|--------------------|--------------------|----------------|---------------|---------------|-------------------|-------------------|-------------------|
|            | Long grain         | Medium grain       | Short grain        | Long grain     | Medium grain  | Short grain   | Long grain        | Medium grain      | Short grain       |
|            | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>  | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| 1994 ..... | 2,379.0            | 925.0              | 12.0               | 5,609          | 6,853         | 7,867         | 133,445           | 63,390            | 944               |
| 1995 ..... | 2,312.0            | 769.0              | 12.0               | 5,265          | 6,663         | 7,500         | 121,730           | 51,241            | 900               |
| 1996 ..... | 1,967.0            | 822.0              | 15.0               | 5,777          | 6,922         | 7,127         | 113,629           | 56,901            | 1,069             |
| 1997 ..... | 2,309.0            | 776.0              | 18.0               | 5,391          | 7,357         | 7,867         | 124,485           | 57,091            | 1,416             |
| 1998 ..... | 2,568.0            | 656.0              | 33.0               | 5,426          | 6,616         | 5,185         | 139,328           | 43,404            | 1,711             |
| 1999 ..... | 2,718.0            | 742.0              | 52.0               | 5,587          | 6,811         | 6,969         | 151,863           | 50,540            | 3,624             |
| 2000 ..... | 2,189.0            | 814.0              | 36.0               | 5,882          | 7,311         | 7,228         | 128,756           | 59,514            | 2,602             |
| 2001 ..... | 2,697.0            | 591.0              | 26.0               | 6,213          | 7,801         | 6,192         | 167,555           | 46,105            | 1,610             |
| 2002 ..... | 2,512.0            | 668.0              | 27.0               | 6,260          | 7,815         | 5,615         | 157,243           | 52,201            | 1,516             |
| 2003 ..... | 2,310.0            | 644.0              | 43.0               | 6,451          | 7,366         | 6,293         | 149,011           | 47,440            | 2,706             |

NASS, Crops Branch, (202) 720-2127.

**Table 1-24.—Rice, rough, by length of grain: Stocks in all positions, United States, 1995–2004**

| Year beginning previous December | Long grain        |                   |                   |                     | Medium grain      |                   |                   |                     | Short grain       |                   |                   |                     |
|----------------------------------|-------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|---------------------|
|                                  | Dec. 1            | Mar. 1            | Aug. 1            | Oct. 1 <sup>1</sup> | Dec. 1            | Mar. 1            | Aug. 1            | Oct. 1 <sup>1</sup> | Dec. 1            | Mar. 1            | Aug. 1            | Oct. 1 <sup>1</sup> |
|                                  | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>   | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>   | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>   |
| 1995 ....                        | 87,281            | 57,779            | 10,188            | 219                 | 52,676            | 36,963            | 11,872            | 4,186               | 1,354             | 1,183             | 704               | 522                 |
| 1996 ....                        | 76,256            | 52,630            | 7,418             | ( <sup>3</sup> )    | 43,941            | 32,264            | 12,022            | 4,506               | 1,134             | 952               | 531               | ( <sup>3</sup> )    |
| 1997 ....                        | 68,687            | 47,871            | 10,839            | ( <sup>3</sup> )    | 49,015            | 31,665            | 10,723            | 4,334               | 1,367             | 608               | 231               | ( <sup>3</sup> )    |
| 1998 ....                        | 78,329            | 53,329            | 9,863             | ( <sup>3</sup> )    | 44,477            | 33,596            | 10,640            | 4,368               | 1,537             | 1,126             | 488               | ( <sup>3</sup> )    |
| 1999 ....                        | 84,346            | 57,636            | 10,947            | 261                 | 34,774            | 21,329            | 5,037             | 861                 | 1,858             | 1,285             | 642               | 290                 |
| 2000 ....                        | 96,383            | 62,755            | 12,511            | 160                 | 39,601            | 25,381            | 8,299             | 3,287               | 3,392             | 2,101             | 1,160             | 680                 |
| 2001 ....                        | 82,718            | 51,428            | 8,305             | 116                 | 48,438            | 32,504            | 12,841            | 5,066               | 2,771             | 2,088             | 872               | 732                 |
| 2002 ....                        | 109,953           | 83,723            | 22,743            | 434                 | 42,525            | 28,515            | 8,477             | 2,691               | 2,083             | 1,270             | 589               | 363                 |
| 2003 ....                        | 113,897           | 75,733            | 11,673            | 59                  | 40,918            | 25,529            | 7,760             | 2,688               | 2,255             | 1,316             | 638               | 407                 |
| 2004 <sup>2</sup> ..             | 93,881            | NA                | NA                | NA                  | 58,736            | NA                | NA                | NA                  | 2,702             | NA                | NA                | NA                  |

<sup>1</sup> California only. <sup>2</sup> Preliminary. <sup>3</sup> Not published to avoid disclosing individual reports. NA-not available. NASS, Crops Branch, (202) 720-2127.

**Table 1-25.—Rough and milled rice (rough equivalent): Supply and disappearance, United States, 1994–2003<sup>1</sup>**

| Year beginning August | Supply              |                     |                     |                     | Disappearance                             |                     |                     |                      |                     | Ending stocks July 31 |
|-----------------------|---------------------|---------------------|---------------------|---------------------|---|---------------------|---------------------|----------------------|---------------------|-----------------------|
|                       | Beginning stocks    | Production          | Imports             | Total               | Food, industrial, & residual <sup>2</sup> | Seed                | Total               | Exports <sup>3</sup> | Total disappearance |                       |
|                       | <i>Million cwt.</i> | <i>Million cwt.</i> | <i>Million cwt.</i> | <i>Million cwt.</i> | <i>Million cwt.</i>                       | <i>Million cwt.</i> | <i>Million cwt.</i> | <i>Million cwt.</i>  | <i>Million cwt.</i> | <i>Million cwt.</i>   |
| 1994 ...              | 25.8                | 197.8               | 8.1                 | 231.6               | 97.6                                      | 3.9                 | 101.5               | 98.8                 | 200.3               | 31.3                  |
| 1995 ...              | 31.3                | 173.9               | 7.7                 | 212.9               | 101.1                                     | 3.5                 | 104.6               | 83.2                 | 187.8               | 25.0                  |
| 1996 ...              | 25.0                | 171.6               | 10.5                | 207.2               | 97.7                                      | 3.9                 | 101.6               | 78.3                 | 179.9               | 27.2                  |
| 1997 ...              | 27.2                | 183.0               | 9.3                 | 219.5               | 99.8                                      | 4.1                 | 103.9               | 87.7                 | 191.6               | 27.9                  |
| 1998 ...              | 27.9                | 184.4               | 10.6                | 223.0               | 109.7                                     | 4.4                 | 114.0               | 86.8                 | 200.9               | 22.1                  |
| 1999 ...              | 22.1                | 206.0               | 10.1                | 238.2               | 118.1                                     | 3.9                 | 121.9               | 88.8                 | 210.7               | 27.5                  |
| 2000 ...              | 27.5                | 190.9               | 10.9                | 229.2               | 134.4                                     | 4.1                 | 117.5               | 83.2                 | 200.7               | 28.5                  |
| 2001 ...              | 28.5                | 215.3               | 13.2                | 256.9               | 119.3                                     | 4.0                 | 123.3               | 94.7                 | 218.0               | 39.0                  |
| 2002 ...              | 39.0                | 211.0               | 14.8                | 264.8               | 109.7                                     | 3.7                 | 134.4               | 124.6                | 238.0               | 26.8                  |
| 2003 <sup>4</sup> ..  | 26.8                | 199.2               | 15.0                | 240.9               | 118.0                                     | 4.0                 | 122.0               | 94.0                 | 216.0               | 24.9                  |

All data updated as of January 2003. Totals may not add due to independent rounding.

<sup>1</sup> Consolidated supply and disappearance of rough and milled rice. Milled rice data converted to a rough basis using annually derived extraction rates as factors. <sup>2</sup> The residual includes unaccounted losses in drying, processing, and handling. <sup>3</sup> Trade data from Bureau of the Census. <sup>4</sup> Preliminary.

ERS, Market and Trade Economics Division, (202) 694-5292.

**Table 1-26.—Rice, by length of grain: Area, yield, and production, by States, 2001–2003**

| State    | Area harvested     |                    |                    | Yield per acre |               |                   | Production        |                   |                   |
|----------|--------------------|--------------------|--------------------|----------------|---------------|-------------------|-------------------|-------------------|-------------------|
|          | 2001               | 2002               | 2003 <sup>1</sup>  | 2001           | 2002          | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> |
|          | Long grain         |                    |                    |                |               |                   |                   |                   |                   |
|          | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>  | <i>Pounds</i> | <i>Pounds</i>     | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| AR ..... | 1,472.0            | 1,340.0            | 1,290.0            | 6,330          | 6,430         | 6,600             | 93,178            | 86,162            | 85,140            |
| CA ..... | 13.0               | 7.0                | 7.0                | 7,700          | 6,400         | 6,900             | 1,001             | 448               | 483               |
| LA ..... | 538.0              | 525.0              | 430.0              | 5,500          | 5,500         | 5,870             | 29,590            | 28,875            | 25,241            |
| MS ..... | 253.0              | 253.0              | 234.0              | 6,600          | 6,400         | 6,800             | 16,698            | 16,192            | 15,912            |
| MO ..... | 206.0              | 182.0              | 170.0              | 6,000          | 6,050         | 6,130             | 12,360            | 11,011            | 10,421            |
| TX ..... | 215.0              | 205.0              | 179.0              | 6,850          | 7,100         | 6,600             | 14,728            | 14,555            | 11,814            |
| US ..... | 2,697.0            | 2,512.0            | 2,310.0            | 6,213          | 6,260         | 6,451             | 167,555           | 157,243           | 149,011           |
|          | Medium grain       |                    |                    |                |               |                   |                   |                   |                   |
|          | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>  | <i>Pounds</i> | <i>Pounds</i>     | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| AR ..... | 148.0              | 162.0              | 164.0              | 6,500          | 6,500         | 6,500             | 9,620             | 10,530            | 10,660            |
| CA ..... | 433.0              | 495.0              | 458.0              | 8,300          | 8,300         | 7,750             | 35,939            | 41,085            | 35,495            |
| LA ..... | 8.0                | 10.0               | 20.0               | 5,300          | 5,250         | 5,780             | 424               | 525               | 1,156             |
| MO ..... | 1.0                | 0                  | 1.0                | 5,950          | 0             | 6,300             | 60                | 0                 | 63                |
| TX ..... | 1.0                | 1.0                | 1.0                | 6,200          | 6,100         | 6,600             | 62                | 61                | 66                |
| US ..... | 591.0              | 668.0              | 644.0              | 7,801          | 7,815         | 7,366             | 46,105            | 52,201            | 47,440            |
|          | Short grain        |                    |                    |                |               |                   |                   |                   |                   |
|          | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>  | <i>Pounds</i> | <i>Pounds</i>     | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| AR ..... | 1.0                | 1.0                | 1.0                | 6,000          | 6,000         | 6,000             | 60                | 60                | 60                |
| CA ..... | 25.0               | 26.0               | 42.0               | 6,200          | 5,600         | 6,300             | 1,550             | 1,456             | 2,646             |
| US ..... | 26.0               | 27.0               | 43.0               | 6,192          | 5,615         | 6,293             | 1,610             | 1,516             | 2,706             |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-27.—Rice: Area, yield, and production, by States, 2001–2003<sup>1</sup>**

| State    | Area planted       |                    |                    | Area harvested     |                    |                    | Yield per harvested acre |               |                   | Production        |                   |                   |
|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|---------------|-------------------|-------------------|-------------------|-------------------|
|          | 2001               | 2002               | 2003 <sup>2</sup>  | 2001               | 2002               | 2003 <sup>2</sup>  | 2001                     | 2002          | 2003 <sup>2</sup> | 2001              | 2002              | 2003 <sup>2</sup> |
|          | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>            | <i>Pounds</i> | <i>Pounds</i>     | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| AR ..... | 1,631.0            | 1,516.0            | 1,466.0            | 1,621.0            | 1,503.0            | 1,455.0            | 6,350                    | 6,440         | 6,590             | 102,858           | 96,752            | 95,860            |
| CA ..... | 473.0              | 533.0              | 509.0              | 471.0              | 528.0              | 507.0              | 8,170                    | 8,140         | 7,620             | 38,490            | 42,989            | 38,624            |
| LA ..... | 548.0              | 540.0              | 455.0              | 546.0              | 535.0              | 450.0              | 5,500                    | 5,500         | 5,870             | 30,014            | 29,400            | 26,397            |
| MS ..... | 255.0              | 255.0              | 235.0              | 253.0              | 253.0              | 234.0              | 6,600                    | 6,400         | 6,800             | 16,698            | 16,192            | 15,912            |
| MO ..... | 211.0              | 190.0              | 176.0              | 207.0              | 182.0              | 171.0              | 6,000                    | 6,050         | 6,130             | 12,420            | 11,011            | 10,484            |
| TX ..... | 216.0              | 206.0              | 181.0              | 216.0              | 206.0              | 180.0              | 6,850                    | 7,100         | 6,600             | 14,790            | 14,616            | 11,880            |
| US ...   | 3,334.0            | 3,240.0            | 3,022.0            | 3,314.0            | 3,207.0            | 2,997.0            | 6,496                    | 6,578         | 6,645             | 215,270           | 210,960           | 199,157           |

<sup>1</sup> Sweet rice acreage, yield and production included in 2003 as short grain but not in previous years.<sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-28.—Rice: Marketing year average price and value, by States, crop of 2001–2003<sup>1</sup>**

| State    | Marketing year average price per cwt. |                |                   | Value of production  |                      |                      |
|----------|---------------------------------------|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001                                  | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Dollars</i>                        | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AR ..... | 3.93                                  | 4.16           | 6.90              | 404,232              | 402,488              | 661,434              |
| CA ..... | 5.28                                  | 6.32           | 9.65              | 203,227              | 271,690              | 372,722              |
| LA ..... | 4.47                                  | 4.14           | 7.25              | 134,163              | 121,716              | 191,378              |
| MS ..... | 4.15                                  | 4.94           | 6.65              | 69,297               | 79,988               | 105,815              |
| MO ..... | 3.70                                  | 3.90           | 6.50              | 45,954               | 42,943               | 68,146               |
| TX ..... | 4.61                                  | 4.16           | 7.20              | 68,182               | 60,803               | 85,536               |
| US ..... | 4.25                                  | 4.49           | 7.25              | 925,055              | 979,628              | 1,485,031            |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-29.—Rice, milled, by length of grain: Stocks in all positions, United States, 1995–2004**

| Year beginning previous Dec. | Whole kernels (head rice) |        |        |                     |              |        |        |                     |             |        |        |                     |
|------------------------------|---------------------------|--------|--------|---------------------|--------------|--------|--------|---------------------|-------------|--------|--------|---------------------|
|                              | Long grain                |        |        |                     | Medium grain |        |        |                     | Short grain |        |        |                     |
|                              | Dec. 1                    | Mar. 1 | Aug. 1 | Oct. 1 <sup>1</sup> | Dec. 1       | Mar. 1 | Aug. 1 | Oct. 1 <sup>1</sup> | Dec. 1      | Mar. 1 | Aug. 1 | Oct. 1 <sup>1</sup> |
| 1995 ....                    | 1,884                     | 2,394  | 3,127  | 51                  | 1,723        | 2,243  | 2,333  | 749                 | 48          | 53     | 44     | 37                  |
| 1996 ....                    | 3,509                     | 2,258  | 1,927  | 17                  | 1,184        | 870    | 1,187  | 780                 | 39          | 26     | 50     | 88                  |
| 1997 ....                    | 3,358                     | 2,622  | 2,312  | 10                  | 1,448        | 1,079  | 788    | 584                 | 56          | 85     | 34     | 66                  |
| 1998 ....                    | 3,443                     | 3,871  | 3,228  | 37                  | 1,248        | 1,080  | 728    | 313                 | 46          | 35     | 100    | 25                  |
| 1999 ....                    | 2,980                     | 2,361  | 2,159  | 21                  | 1,613        | 1,114  | 657    | 301                 | 30          | 62     | 131    | 49                  |
| 2000 ....                    | 2,732                     | 2,506  | 2,160  | 14                  | 770          | 758    | 644    | 540                 | 63          | 46     | 30     | 66                  |
| 2001 ....                    | 3,624                     | 2,470  | 2,287  | 26                  | 1,348        | 1,164  | 1,207  | 342                 | 67          | 84     | 87     | 57                  |
| 2002 ....                    | 3,796                     | 3,222  | 2,788  | 23                  | 986          | 622    | 1,032  | 388                 | 62          | 110    | 72     | 53                  |
| 2003 ....                    | 4,390                     | 3,656  | 2,739  | 9                   | 1,674        | 1,351  | 543    | 277                 | 58          | 59     | 60     | 30                  |
| 2004 <sup>2</sup> ..         | 3,338                     | NA     | NA     | NA                  | 2,000        | NA     | NA     | NA                  | 114         | NA     | NA     | NA                  |

  

| Year beginning previous Dec. | Broken kernels <sup>3</sup> |        |        |                     |            |        |        |                     |         |        |        |                     |
|------------------------------|-----------------------------|--------|--------|---------------------|------------|--------|--------|---------------------|---------|--------|--------|---------------------|
|                              | Second heads                |        |        |                     | Screenings |        |        |                     | Brewers |        |        |                     |
|                              | Dec. 1                      | Mar. 1 | Aug. 1 | Oct. 1 <sup>1</sup> | Dec. 1     | Mar. 1 | Aug. 1 | Oct. 1 <sup>1</sup> | Dec. 1  | Mar. 1 | Aug. 1 | Oct. 1 <sup>1</sup> |
| 1995 ....                    | 690                         | 734    | 579    | 279                 | 89         | 31     | 79     | .....               | 411     | 164    | 146    | 33                  |
| 1996 ....                    | 626                         | 406    | 329    | 159                 | 14         | 6      | 14     | .....               | 337     | 133    | 107    | 25                  |
| 1997 ....                    | 553                         | 623    | 467    | 97                  | 49         | 20     | 13     | .....               | 187     | 182    | 205    | 19                  |
| 1998 ....                    | 642                         | 711    | 524    | 273                 | 27         | 27     | 33     | .....               | 276     | 155    | 182    | 14                  |
| 1999 ....                    | 662                         | 612    | 588    | 30                  | 29         | 92     | 102    | .....               | 102     | 103    | 140    | 12                  |
| 2000 <sup>2</sup> ..         | 608                         | 937    | 652    | 238                 | 64         | 85     | 61     | .....               | 348     | 238    | 285    | 46                  |
| 2001 <sup>2</sup> ..         | 1,006                       | 1,035  | 667    | 403                 | 66         | 3      | 72     | .....               | 251     | 228    | 117    | 31                  |
| 2002 <sup>2</sup> ..         | 825                         | 648    | 696    | 246                 | 123        | 139    | 133    | .....               | 115     | 72     | 209    | 16                  |
| 2003 <sup>2</sup> ..         | 1,026                       | 1,190  | 1,066  | 587                 | 91         | 146    | 62     | .....               | 242     | 225    | 104    | 12                  |
| 2004 <sup>2</sup> ..         | 968                         | NA     | NA     | NA                  | 71         | NA     | NA     | .....               | 125     | NA     | NA     | NA                  |

<sup>1</sup> California only. <sup>2</sup> Preliminary. <sup>3</sup> Screenings included in second heads in California. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 1-30.—Rice, rough: Support operations, United States, 1994–2003**

| Marketing year beginning August 1 | Income support payment rates per cwt <sup>1</sup> | Program price levels per cwt |                     | Put under loan <sup>4</sup> |                          | Acquired by CCC under loan program <sup>5</sup> | Owned by CCC at end of marketing year |
|-----------------------------------|---|------------------------------|---------------------|-----------------------------|--------------------------|---|---------------------------------------|
|                                   |   | Loan <sup>2</sup>            | Target <sup>3</sup> | Quantity                    | Percentage of production |   |                                       |
|                                   | <i>Dollars</i>                                    | <i>Dollars</i>               | <i>Dollars</i>      | <i>Million cwt</i>          | <i>Percent</i>           | <i>Million cwt</i>                              | <i>Million cwt</i>                    |
| 1994/95 .....                     | 3.79  | 6.50                         | 10.71               | 131.2                       | 66.3                     | 0.0   | 0.0                                   |
| 1995/96 .....                     | 3.22  | 6.50                         | 10.71               | 100.9                       | 58.0                     | 0.0   | 0.0                                   |
| 1996/97 .....                     | 2.77  | 6.50                         | NA                  | 68.9                        | 40.2                     | 0.0   | 0.0                                   |
| 1997/98 .....                     | 2.71  | 6.50                         | NA                  | 67.6                        | 36.9                     | 0.0   | 0.0                                   |
| 1998/99 .....                     | 4.37  | 6.50                         | NA                  | 80.3                        | 43.5                     | 0.0   | 0.0                                   |
| 1999/2000 .....                   | 5.64  | 6.50                         | NA                  | 110.8                       | 53.8                     | 0.1   | 0.0                                   |
| 2000/2001 .....                   | 5.42  | 6.50                         | NA                  | 97.4                        | 51.0                     | 0.0   | 0.0                                   |
| 2001/2002 .....                   | 4.49  | 6.50                         | NA                  | 128.0                       | 59.5                     | 4.4   | 0.0                                   |
| 2002/2003 .....                   | 2.35/0.00   | 6.50                         | 10.50               | 132.8                       | 63.0                     | 0.0   | 0.0                                   |
| 2003/2004 .....                   | 2.35/--   | 6.50                         | 10.50               | .....                       | .....                    | .....   | .....                                 |

<sup>1</sup> Payment rates for the 1995/96 & prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and included supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the provisions of the Direct Payment program, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act) and includes a PFC payment rate for 2002 only. Payment rates are rounded to the nearest tenth of a cent. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Between the 1996/97 and 2001/2002 marketing years, target prices were no longer applicable; however, with enactment of the 2002 Act, target prices were reestablished. <sup>4</sup> Includes loans made and purchase agreements entered. Excludes quantities on which loan deficiency payments were made. <sup>5</sup> Acquisition through loan forfeitures, crop-year basis. NA-not applicable.

FSA, Food Grains Analysis Group, (202) 720-2891.

**Table 1-31.—Rice: United States exports (milled basis), by country of destination, 2000–2002<sup>1</sup>**

| Country of destination                                  | Year                     |                          |                          |
|---|--------------------------|--------------------------|--------------------------|
|   | 2000                     | 2001                     | 2002                     |
|   | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| Mexico .....  | 411                      | 367                      | 537                      |
| Haiti .....   | 219                      | 184                      | 273                      |
| Canada .....  | 180                      | 183                      | 168                      |
| Nicaragua .....   | 55                       | 118                      | 107                      |
| Honduras .....  | 80                       | 97                       | 105                      |
| Costa Rica .....  | 49                       | 42                       | 88                       |
| El Salvador .....                                       | 30                       | 78                       | 84                       |
| Guatemala .....   | 35                       | 35                       | 51                       |
| Total Western Hemisphere <sup>2</sup> .....             | 1,210                    | 1,203                    | 1,643                    |
| European Union:   |                          |                          |                          |
| United Kingdom .....                                    | 127                      | 93                       | 100                      |
| Germany .....   | 54                       | 59                       | 60                       |
| Netherlands .....                                       | 56                       | 47                       | 56                       |
| France .....  | 25                       | 36                       | 38                       |
| Spain .....   | 39                       | 18                       | 34                       |
| Italy .....   | 19                       | 0                        | 29                       |
| Belgium-Luxembourg .....                                | 21                       | 21                       | 24                       |
| Total Europe <sup>2</sup> .....                         | 419                      | 383                      | 456                      |
| Japan .....   | 347                      | 307                      | 308                      |
| Turkey .....  | 227                      | 69                       | 156                      |
| Saudi Arabia .....                                      | 164                      | 139                      | 92                       |
| Total Asia, Middle East, and Oceania <sup>2</sup> ..... | 1,014                    | 753                      | 881                      |
| Ghana .....   | 65                       | 79                       | 96                       |
| South Africa .....                                      | 55                       | 56                       | 73                       |
| Cote D'Ivoire .....                                     | 17                       | 17                       | 31                       |
| Liberia .....   | 14                       | 14                       | 13                       |
| Niger .....   | 3                        | 5                        | 9                        |
| Total Africa <sup>2</sup> .....                         | 204                      | 201                      | 313                      |
| World total <sup>2</sup> .....                          | 2,847                    | 2,540                    | 3,293                    |

<sup>1</sup> Year beginning Jan 1. <sup>2</sup> Includes countries not shown.

FAS, Grain and Feed Division, (202) 720-6219.

**Table 1-32.—Rice, milled: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>**

| Continent and country          | Area <sup>2</sup>      |                        |                            | Yield per hectare |                |                            | Production              |                         |                            |
|--------------------------------|------------------------|------------------------|----------------------------|-------------------|----------------|----------------------------|-------------------------|-------------------------|----------------------------|
|                                | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001           | 2001/<br>2002           | 2002/<br>2003 <sup>3</sup> |
|                                | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares     | Metric<br>tons    | Metric<br>tons | Metric<br>tons             | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons    |
| <b>North America:</b>          |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Mexico .....                   | 79                     | 64                     | 57                         | 2.72              | 2.89           | 2.33                       | 215                     | 185                     | 133                        |
| United States .....            | 1,230                  | 1,341                  | 1,298                      | 4.83              | 5.01           | 5.04                       | 5,941                   | 6,714                   | 6,536                      |
| <b>Total .....</b>             | <b>1,309</b>           | <b>1,405</b>           | <b>1,355</b>               | <b>4.70</b>       | <b>4.91</b>    | <b>4.92</b>                | <b>6,156</b>            | <b>6,899</b>            | <b>6,669</b>               |
| <b>South America:</b>          |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Argentina .....                | 151                    | 120                    | 135                        | 3.64              | 3.42           | 3.04                       | 550                     | 410                     | 410                        |
| Bolivia .....                  | 145                    | 145                    | 145                        | 1.38              | 1.38           | 1.38                       | 200                     | 200                     | 200                        |
| Brazil .....                   | 3,142                  | 3,153                  | 3,170                      | 2.21              | 2.26           | 2.29                       | 6,933                   | 7,120                   | 7,250                      |
| Chile .....                    | 29                     | 30                     | 30                         | 2.62              | 2.67           | 2.67                       | 76                      | 80                      | 80                         |
| Colombia .....                 | 460                    | 462                    | 450                        | 2.89              | 2.84           | 2.89                       | 1,330                   | 1,310                   | 1,300                      |
| Ecuador .....                  | 180                    | 272                    | 244                        | 1.89              | 1.89           | 1.84                       | 340                     | 513                     | 450                        |
| Guyana .....                   | 150                    | 150                    | 150                        | 2.43              | 2.47           | 2.47                       | 365                     | 370                     | 370                        |
| Paraguay .....                 | 27                     | 27                     | 28                         | 2.63              | 2.74           | 2.64                       | 71                      | 74                      | 74                         |
| Peru .....                     | 304                    | 310                    | 315                        | 4.69              | 4.84           | 4.92                       | 1,425                   | 1,500                   | 1,550                      |
| Surinam .....                  | 55                     | 55                     | 55                         | 1.82              | 1.73           | 1.73                       | 100                     | 95                      | 95                         |
| Uruguay .....                  | 150                    | 160                    | 152                        | 4.67              | 4.11           | 4.03                       | 700                     | 658                     | 613                        |
| Venezuela .....                | 147                    | 100                    | 80                         | 3.40              | 3.20           | 3.38                       | 500                     | 320                     | 270                        |
| <b>Total .....</b>             | <b>4,940</b>           | <b>4,984</b>           | <b>4,954</b>               | <b>2.55</b>       | <b>2.54</b>    | <b>2.56</b>                | <b>12,590</b>           | <b>12,650</b>           | <b>12,662</b>              |
| <b>Central America:</b>        |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Costa Rica .....               | 65                     | 56                     | 42                         | 2.75              | 2.57           | 2.60                       | 179                     | 144                     | 109                        |
| El Salvador .....              | 6                      | 6                      | 5                          | 5.17              | 4.00           | 3.60                       | 31                      | 24                      | 18                         |
| Guatemala .....                | 13                     | 13                     | 15                         | 1.77              | 1.69           | 2.00                       | 23                      | 22                      | 30                         |
| Honduras .....                 | 3                      | 3                      | 3                          | 2.33              | 2.33           | 2.00                       | 7                       | 7                       | 6                          |
| Nicaragua .....                | 93                     | 83                     | 80                         | 1.89              | 1.84           | 2.15                       | 176                     | 153                     | 172                        |
| Panama .....                   | 85                     | 70                     | 75                         | 2.25              | 3.00           | 2.65                       | 191                     | 210                     | 199                        |
| <b>Total .....</b>             | <b>265</b>             | <b>231</b>             | <b>220</b>                 | <b>2.29</b>       | <b>2.42</b>    | <b>2.43</b>                | <b>607</b>              | <b>560</b>              | <b>534</b>                 |
| <b>Caribbean:</b>              |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Cuba .....                     | 90                     | 100                    | 100                        | 1.83              | 2.11           | 2.28                       | 165                     | 211                     | 228                        |
| Dominican Rep. ....            | 90                     | 104                    | 111                        | 3.11              | 3.12           | 3.13                       | 280                     | 324                     | 347                        |
| Haiti .....                    | 52                     | 40                     | 40                         | 1.50              | 1.63           | 1.63                       | 78                      | 65                      | 65                         |
| Trinidad .....                 | 10                     | 10                     | 10                         | 2.00              | 2.00           | 2.00                       | 20                      | 20                      | 20                         |
| <b>Total .....</b>             | <b>242</b>             | <b>254</b>             | <b>261</b>                 | <b>2.24</b>       | <b>2.44</b>    | <b>2.53</b>                | <b>543</b>              | <b>620</b>              | <b>660</b>                 |
| <b>European Union:</b>         |                        |                        |                            |                   |                |                            |                         |                         |                            |
| France .....                   | 20                     | 19                     | 19                         | 3.50              | 3.26           | 3.32                       | 70                      | 62                      | 63                         |
| Greece .....                   | 20                     | 21                     | 20                         | 5.50              | 4.81           | 5.20                       | 110                     | 101                     | 104                        |
| Italy .....                    | 220                    | 218                    | 220                        | 3.31              | 3.38           | 3.93                       | 728                     | 737                     | 865                        |
| Portugal .....                 | 24                     | 25                     | 25                         | 4.17              | 4.12           | 4.12                       | 100                     | 103                     | 103                        |
| Spain .....                    | 115                    | 113                    | 113                        | 4.85              | 5.50           | 5.05                       | 558                     | 621                     | 571                        |
| <b>Total .....</b>             | <b>399</b>             | <b>396</b>             | <b>397</b>                 | <b>3.92</b>       | <b>4.10</b>    | <b>4.30</b>                | <b>1,566</b>            | <b>1,624</b>            | <b>1,706</b>               |
| <b>EU Accession Countries:</b> |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Hungary .....                  | 5                      | 5                      | 5                          | 2.00              | 2.00           | 2.00                       | 10                      | 10                      | 10                         |
| <b>Other Europe:</b>           |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Bulgaria .....                 | 2                      | 2                      | 2                          | 1.50              | 1.50           | 1.50                       | 3                       | 3                       | 3                          |
| Macedonia (Skopje) ..          | 10                     | 10                     | 10                         | 1.50              | 1.50           | 1.50                       | 15                      | 15                      | 15                         |
| Romania .....                  | 6                      | 6                      | 6                          | 1.17              | 1.17           | 1.17                       | 7                       | 7                       | 7                          |
| <b>Total .....</b>             | <b>18</b>              | <b>18</b>              | <b>18</b>                  | <b>1.39</b>       | <b>1.39</b>    | <b>1.39</b>                | <b>25</b>               | <b>25</b>               | <b>25</b>                  |
| <b>Fmr. Soviet Union:</b>      |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Kazakhstan .....               | 70                     | 65                     | 65                         | 1.86              | 2.69           | 2.31                       | 130                     | 175                     | 150                        |
| Kyrgyzstan .....               | 5                      | 5                      | 5                          | 1.00              | 1.00           | 1.00                       | 5                       | 5                       | 5                          |
| Russian Fed. ....              | 175                    | 154                    | 129                        | 2.18              | 2.10           | 2.43                       | 381                     | 323                     | 314                        |
| Tajikistan .....               | 13                     | 13                     | 13                         | 1.23              | 1.31           | 1.31                       | 16                      | 17                      | 17                         |
| Turkmenistan .....             | 20                     | 15                     | 45                         | 0.90              | 1.13           | 1.33                       | 18                      | 17                      | 60                         |
| Ukraine .....                  | 25                     | 19                     | 19                         | 2.32              | 2.37           | 2.63                       | 58                      | 45                      | 50                         |
| Uzbekistan .....               | 45                     | 27                     | 59                         | 2.22              | 1.56           | 1.58                       | 100                     | 42                      | 93                         |
| <b>Total .....</b>             | <b>353</b>             | <b>298</b>             | <b>335</b>                 | <b>2.01</b>       | <b>2.09</b>    | <b>2.06</b>                | <b>708</b>              | <b>624</b>              | <b>689</b>                 |
| <b>Middle East:</b>            |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Iran .....                     | 490                    | 515                    | 600                        | 2.68              | 2.55           | 2.97                       | 1,312                   | 1,313                   | 1,780                      |
| Iraq .....                     | 100                    | 100                    | 110                        | 0.40              | 0.85           | 0.91                       | 40                      | 85                      | 100                        |
| Turkey .....                   | 80                     | 70                     | 70                         | 2.88              | 3.34           | 3.34                       | 230                     | 234                     | 234                        |
| <b>Total .....</b>             | <b>670</b>             | <b>685</b>             | <b>780</b>                 | <b>2.36</b>       | <b>2.38</b>    | <b>2.71</b>                | <b>1,582</b>            | <b>1,632</b>            | <b>2,114</b>               |

See footnotes at end of table.

**Table 1-32.—Rice, milled: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>—Continued**

| Continent and country       | Area <sup>2</sup> |                |                        | Yield per hectare |             |                        | Production        |                   |                        |
|-----------------------------|-------------------|----------------|------------------------|-------------------|-------------|------------------------|-------------------|-------------------|------------------------|
|                             | 2000/2001         | 2001/2002      | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002   | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002         | 2002/2003 <sup>3</sup> |
|                             | 1,000 hectares    | 1,000 hectares | 1,000 hectares         | Metric tons       | Metric tons | Metric tons            | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons      |
| <b>Africa:</b>              |                   |                |                        |                   |             |                        |                   |                   |                        |
| Algeria .....               | 1                 | 1              | 1                      | 1.00              | 1.00        | 1.00                   | 1                 | 1                 | 1                      |
| Angola .....                | 20                | 10             | 5                      | 0.45              | 0.90        | 0.40                   | 9                 | 9                 | 2                      |
| Benin .....                 | 24                | 25             | 20                     | 0.92              | 1.28        | 1.30                   | 22                | 32                | 26                     |
| Burkina .....               | 40                | 39             | 45                     | 1.38              | 1.67        | 1.31                   | 55                | 65                | 59                     |
| Cameroon .....              | 20                | 20             | 20                     | 2.40              | 2.55        | 2.55                   | 48                | 51                | 51                     |
| Chad .....                  | 51                | 90             | 80                     | 0.92              | 0.97        | 0.78                   | 47                | 87                | 62                     |
| Congo, Dem. Rep. ....       | 447               | 431            | 450                    | 0.46              | 0.45        | 0.48                   | 204               | 196               | 216                    |
| Cote d'Ivoire .....         | 580               | 600            | 500                    | 0.98              | 0.97        | 0.90                   | 570               | 580               | 450                    |
| Egypt .....                 | 655               | 563            | 588                    | 6.05              | 6.35        | 6.30                   | 3,965             | 3,575             | 3,705                  |
| Gambia, The .....           | 15                | 18             | 12                     | 1.40              | 1.17        | 1.00                   | 21                | 21                | 12                     |
| Ghana .....                 | 115               | 150            | 150                    | 1.30              | 1.24        | 1.12                   | 150               | 186               | 168                    |
| Guinea .....                | 580               | 580            | 580                    | 0.98              | 0.89        | 0.90                   | 566               | 514               | 520                    |
| Guinea-Bissau .....         | 70                | 55             | 65                     | 0.97              | 1.07        | 0.88                   | 68                | 59                | 57                     |
| Kenya .....                 | 17                | 17             | 17                     | 1.94              | 2.12        | 1.76                   | 33                | 36                | 30                     |
| Liberia .....               | 150               | 130            | 120                    | 0.80              | 0.67        | 0.55                   | 120               | 87                | 66                     |
| Madagascar .....            | 1,200             | 1,200          | 1,200                  | 1.23              | 1.23        | 1.43                   | 1,470             | 1,470             | 1,710                  |
| Malawi .....                | 44                | 50             | 55                     | 1.07              | 1.24        | 1.15                   | 47                | 62                | 63                     |
| Mauritania .....            | 25                | 18             | 18                     | 2.80              | 2.17        | 2.83                   | 70                | 39                | 51                     |
| Morocco .....               | 8                 | 8              | 8                      | 5.00              | 5.00        | 5.00                   | 40                | 40                | 40                     |
| Mozambique .....            | 155               | 174            | 180                    | 0.65              | 0.63        | 0.73                   | 100               | 110               | 132                    |
| Niger .....                 | 22                | 28             | 25                     | 1.82              | 1.79        | 2.16                   | 40                | 50                | 54                     |
| Nigeria .....               | 1,650             | 1,650          | 1,660                  | 1.21              | 1.27        | 1.33                   | 2,000             | 2,100             | 2,200                  |
| Senegal .....               | 95                | 120            | 85                     | 1.47              | 1.47        | 1.68                   | 140               | 176               | 143                    |
| Sierra Leone .....          | 185               | 285            | 285                    | 0.65              | 0.65        | 0.79                   | 120               | 186               | 224                    |
| Somalia .....               | 1                 | 1              | 1                      | 1.00              | 1.00        | 1.00                   | 1                 | 1                 | 1                      |
| Sudan .....                 | 5                 | 9              | 9                      | 1.00              | 1.33        | 1.33                   | 5                 | 12                | 12                     |
| Swaziland .....             | 2                 | 2              | 2                      | 1.50              | 1.50        | 1.50                   | 3                 | 3                 | 3                      |
| Tanzania, United Rep. ....  | 500               | 530            | 575                    | 0.96              | 0.85        | 0.89                   | 479               | 452               | 510                    |
| Togo .....                  | 32                | 45             | 45                     | 1.66              | 0.89        | 0.91                   | 53                | 40                | 41                     |
| Zambia .....                | 15                | 15             | 15                     | 0.73              | 0.47        | 0.47                   | 11                | 7                 | 7                      |
| <b>Total .....</b>          | <b>6,724</b>      | <b>6,864</b>   | <b>6,816</b>           | <b>1.56</b>       | <b>1.49</b> | <b>1.56</b>            | <b>10,458</b>     | <b>10,247</b>     | <b>10,616</b>          |
| <b>Asia:</b>                |                   |                |                        |                   |             |                        |                   |                   |                        |
| Afghanistan .....           | 130               | 121            | 135                    | 0.81              | 1.01        | 1.93                   | 105               | 122               | 260                    |
| Bangladesh .....            | 10,887            | 10,987         | 11,059                 | 2.30              | 2.12        | 2.29                   | 25,086            | 23,310            | 25,360                 |
| Brunei .....                | 3                 | 3              | 3                      | 1.33              | 1.33        | 1.33                   | 4                 | 4                 | 4                      |
| Burma .....                 | 6,000             | 6,200          | 6,200                  | 1.80              | 1.68        | 1.68                   | 10,771            | 10,440            | 10,440                 |
| Cambodia .....              | 1,903             | 1,980          | 1,966                  | 1.33              | 1.30        | 1.20                   | 2,536             | 2,583             | 2,356                  |
| China Peoples Republic .... | 29,962            | 28,812         | 28,200                 | 4.39              | 4.31        | 4.33                   | 131,536           | 124,306           | 122,180                |
| India .....                 | 44,361            | 44,600         | 40,000                 | 1.91              | 2.09        | 1.89                   | 84,871            | 93,080            | 75,700                 |
| Indonesia .....             | 11,600            | 11,500         | 11,600                 | 2.84              | 2.88        | 2.86                   | 32,960            | 33,089            | 33,200                 |
| Japan .....                 | 1,770             | 1,706          | 1,688                  | 4.88              | 4.83        | 4.79                   | 8,636             | 8,242             | 8,089                  |
| Korea, Democratic Pe .....  | 550               | 550            | 585                    | 2.36              | 2.45        | 2.48                   | 1,300             | 1,350             | 1,450                  |
| Korea, Republic of .....    | 1,072             | 1,083          | 1,053                  | 4.94              | 5.09        | 4.68                   | 5,291             | 5,515             | 4,927                  |
| Laos .....                  | 719               | 745            | 690                    | 1.84              | 1.89        | 2.10                   | 1,320             | 1,410             | 1,446                  |
| Malaysia .....              | 665               | 643            | 660                    | 2.12              | 2.10        | 2.23                   | 1,410             | 1,350             | 1,470                  |
| Mali .....                  | 350               | 365            | 370                    | 1.41              | 1.52        | 1.25                   | 492               | 554               | 462                    |
| Nepal .....                 | 1,500             | 1,500          | 1,500                  | 1.65              | 1.67        | 1.67                   | 2,470             | 2,500             | 2,500                  |
| Pakistan .....              | 2,350             | 2,115          | 2,201                  | 2.00              | 1.84        | 1.92                   | 4,700             | 3,882             | 4,228                  |
| Philippin .....             | 4,030             | 4,080          | 4,100                  | 2.02              | 2.07        | 2.06                   | 8,135             | 8,450             | 8,450                  |
| Sri Lanka .....             | 770               | 735            | 806                    | 2.52              | 2.48        | 2.55                   | 1,940             | 1,820             | 2,058                  |
| Taiwan .....                | 340               | 338            | 307                    | 3.95              | 3.68        | 4.14                   | 1,342             | 1,245             | 1,271                  |
| Thailand .....              | 9,891             | 10,125         | 9,990                  | 1.72              | 1.73        | 1.71                   | 17,057            | 17,499            | 17,124                 |
| Vietnam .....               | 7,493             | 7,471          | 7,405                  | 2.73              | 2.82        | 2.88                   | 20,473            | 21,036            | 21,330                 |
| <b>Total .....</b>          | <b>136,346</b>    | <b>135,659</b> | <b>130,518</b>         | <b>2.66</b>       | <b>2.67</b> | <b>2.64</b>            | <b>362,435</b>    | <b>361,787</b>    | <b>344,305</b>         |
| <b>Oceania:</b>             |                   |                |                        |                   |             |                        |                   |                   |                        |
| Australia .....             | 186               | 147            | 38                     | 6.76              | 6.04        | 7.34                   | 1,258             | 888               | 279                    |
| <b>World total .....</b>    | <b>151,457</b>    | <b>150,946</b> | <b>145,697</b>         | <b>2.63</b>       | <b>2.63</b> | <b>2.61</b>            | <b>397,938</b>    | <b>397,566</b>    | <b>380,269</b>         |

<sup>1</sup> Crop year beginning Aug. 1. Crops harvested in the Northern Hemisphere during the latter part of the year are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

**Table 1-33.—Rice, milled equivalent: <sup>1</sup> International trade, 2001–2003 <sup>2</sup>**

| Country                  | 2001                     | 2002                     | 2003 <sup>3</sup>        |
|--------------------------|--------------------------|--------------------------|--------------------------|
|                          | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| <b>Exports:</b>          |                          |                          |                          |
| Argentina .....          | 363                      | 233                      | 160                      |
| Australia .....          | 618                      | 360                      | 150                      |
| Burma .....              | 670                      | 1,002                    | 400                      |
| China .....              | 1,847                    | 1,963                    | 2,583                    |
| Egypt .....              | 705                      | 473                      | 550                      |
| Guyana .....             | 175                      | 150                      | 175                      |
| India .....              | 1,936                    | 6,650                    | 4,421                    |
| Pakistan .....           | 2,417                    | 1,603                    | 1,700                    |
| Thailand .....           | 7,521                    | 7,245                    | 7,552                    |
| Uruguay .....            | 806                      | 526                      | 675                      |
| Vietnam .....            | 3,528                    | 3,245                    | 3,795                    |
| EU .....                 | 264                      | 358                      | 325                      |
| Others .....             | 1,051                    | 785                      | 1,021                    |
| Subtotal .....           | 21,901                   | 24,593                   | 23,507                   |
| United States .....      | 2,541                    | 3,295                    | 3,850                    |
| <b>Total .....</b>       | <b>24,442</b>            | <b>27,888</b>            | <b>27,357</b>            |
| <b>Imports:</b>          |                          |                          |                          |
| Bangladesh .....         | 402                      | 311                      | 1,100                    |
| Brazil .....             | 673                      | 548                      | 1,200                    |
| Canada .....             | 262                      | 237                      | 225                      |
| China .....              | 267                      | 305                      | 260                      |
| Colombia .....           | 163                      | 31                       | 75                       |
| Costa Rica .....         | 41                       | 87                       | 100                      |
| Cote d'Ivoire .....      | 654                      | 716                      | 750                      |
| Cuba .....               | 481                      | 538                      | 450                      |
| El Salvador .....        | 76                       | 88                       | 75                       |
| Ghana .....              | 368                      | 350                      | 375                      |
| Guinea .....             | 325                      | 300                      | 350                      |
| Haiti .....              | 250                      | 305                      | 325                      |
| Honduras .....           | 96                       | 103                      | 90                       |
| Indonesia .....          | 1,500                    | 3,500                    | 2,750                    |
| Iran .....               | 765                      | 964                      | 900                      |
| Iraq .....               | 959                      | 1,178                    | 700                      |
| Jamaica & Dep .....      | 75                       | 30                       | 50                       |
| Japan .....              | 680                      | 616                      | 650                      |
| Korea, North .....       | 537                      | 654                      | 625                      |
| Korea, South .....       | 99                       | 148                      | 180                      |
| Malaysia .....           | 633                      | 480                      | 500                      |
| Mexico .....             | 388                      | 530                      | 550                      |
| Nigeria .....            | 1,906                    | 1,822                    | 1,250                    |
| Nicaragua .....          | 117                      | 106                      | 100                      |
| Peru .....               | 62                       | 33                       | 30                       |
| Philippines .....        | 1,175                    | 1,250                    | 1,300                    |
| Russia .....             | 247                      | 406                      | 400                      |
| Saudi Arabia .....       | 1,053                    | 938                      | 1,150                    |
| Senegal .....            | 874                      | 858                      | 750                      |
| Singapore .....          | 444                      | 358                      | 375                      |
| South Africa .....       | 572                      | 800                      | 725                      |
| Sri Lanka .....          | 35                       | 80                       | 25                       |
| Syria .....              | 172                      | 204                      | 150                      |
| Taiwan .....             | 23                       | 106                      | 125                      |
| Turkey .....             | 231                      | 342                      | 350                      |
| Uzbekistan .....         | 142                      | 65                       | 25                       |
| UAE .....                | 75                       | 80                       | 80                       |
| Yemen .....              | 202                      | 210                      | 250                      |
| EU .....                 | 923                      | 959                      | 975                      |
| O.W. Europe .....        | 55                       | 100                      | 50                       |
| Eastern Europe .....     | 381                      | 364                      | 379                      |
| United States .....      | 413                      | 420                      | 450                      |
| Subtotal .....           | 18,796                   | 21,520                   | 21,219                   |
| Other Countries .....    | 4,197                    | 4,036                    | 4,295                    |
| Unaccounted .....        | 1,449                    | 2,332                    | 1,843                    |
| <b>World Total .....</b> | <b>24,442</b>            | <b>27,888</b>            | <b>27,357</b>            |

<sup>1</sup>Includes milled, semi-milled, broken, and rough rice in terms of milled equivalent. <sup>2</sup>Year beginning Jan 1. <sup>3</sup>Preliminary.

FAS, Grain and Feed Division, (202) 720-6219. Prepared or estimated on the basis of official statistics from foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.



**Table 1-34.—Food grains: Average price, selected markets and grades, 1996–2003<sup>1</sup>**

| Crop year <sup>2</sup> | Kansas City                                       |  |                                     | Minneapolis (rail)                             |   |                                     | Portland Wheat No. 1 Soft White | St. Louis Wheat, No. 2 Soft Red Winter (truck) |
|------------------------|---|--|-------------------------------------|--|---|-------------------------------------|---------------------------------|--|
|                        | Wheat, No. 1 Hard Winter, Ordinary Protein (rail) | Wheat, No. 1 Hard Winter, 13% protein (rail) | Wheat, No. 2 Soft Red Winter (rail) | Wheat, No. 1 Hard Amber Durum (milling) (rail) | Wheat, No. 1 Dark Northern Spring (rail), 14% protein | Rye, No. 2, 20 day delivery (truck) |                                 |  |
|                        | <i>Dollars per bushel</i>                         | <i>Dollars per bushel</i>                    | <i>Dollars per bushel</i>           | <i>Dollars per bushel</i>                      | <i>Dollars per bushel</i>                             | <i>Dollars per bushel</i>           | <i>Dollars per bushel</i>       | <i>Dollars per bushel</i>                      |
| 1996 .....             | 5.49  | 5.69   | 5.40                                | 7.04   | 5.72  | 3.33                                | 5.27                            | 4.82   |
| 1997 .....             | 4.88  | 4.92   | 4.61                                | 5.59   | 4.97  | 2.94                                | 4.54                            | 4.10   |
| 1998 .....             | 3.70  | 3.96   | 3.38                                | 5.97   | 4.31  | .....                               | 3.81                            | 3.43   |
| 1999 .....             | 3.08  | 3.47   | 2.68                                | 4.05   | 3.83  | .....                               | 2.98                            | 2.41   |
| 2000 .....             | 2.87  | 3.41   | 2.53                                | 4.23   | 3.61  | .....                               | 3.02                            | 2.39   |
| 2001 .....             | 3.34  | 3.44   | 2.79                                | 4.98   | .....   | 2.69                                | 3.43                            | 2.61   |
| 2002 .....             | 3.94  | 3.99   | 3.50                                | 4.97   | 4.15  | 3.57                                | 3.89                            | 3.28   |
| 2003 .....             | 3.86  | 3.97   | 3.60                                | 5.30   | 4.26  | 3.09                                | 3.69                            | 3.47   |

  

| Crop year <sup>2</sup> | Chicago Wheat, No. 2 Soft Red Winter (rail) | Denver Wheat, No. 1 Hard Winter (rail) | S.W. Louisiana Milled Rice |                         | Arkansas Milled Rice    |                         | Texas Milled Rice       |
|------------------------|---|--|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                        | <i>Dollars per bushel</i>                   | <i>Dollars per bushel</i>              | Medium                     | Long                    | Medium                  | Long                    | Long                    |
|                        | <i>Dollars per bushel</i>                   | <i>Dollars per bushel</i>              | <i>Dollars per cwt.</i>    | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| 1996 .....             | 4.82  | 5.03                                   | 19.40                      | 19.46                   | 19.22                   | 19.63                   | 19.62                   |
| 1997 .....             | 3.92  | 4.43                                   | 19.91                      | 19.98                   | 18.66                   | 20.42                   | 20.87                   |
| 1998 .....             | 3.29  | 3.33                                   | 18.70                      | 18.27                   | 18.34                   | 18.46                   | 18.94                   |
| 1999 .....             | 2.46  | 2.79                                   | 18.45                      | 15.31                   | 19.96                   | 15.41                   | 17.02                   |
| 2000 .....             | 2.19  | 2.29                                   | 13.10                      | 12.22                   | 13.56                   | 12.24                   | 14.82                   |
| 2001 .....             | 2.04  | 2.89                                   | .....                      | .....                   | .....                   | .....                   | .....                   |
| 2002 .....             | 2.30  | 3.53                                   | .....                      | .....                   | .....                   | .....                   | .....                   |
| 2003 .....             | 3.40  | 3.35                                   | .....                      | 20.82                   | .....                   | 21.51                   | 22.91                   |

<sup>1</sup> Simple average of daily prices. <sup>2</sup> For wheat and rye, crop year begins in June. For rice, crop year begins in August. AMS, Livestock and Grain Market News branch, (202) 720–6231.

**Table 1-35.—Corn: Area, yield, production, and value, United States, 1994–2003<sup>1</sup>**

| Year                  | Area planted, all purposes | Corn for grain     |                          |                      |   |                      | Corn for silage    |                          |                   |
|-----------------------|----------------------------|--------------------|--------------------------|----------------------|---|----------------------|--------------------|--------------------------|-------------------|
|                       |                            | Area harvested     | Yield per harvested acre | Production           | Marketing year average price per bushel | Value of production  | Area harvested     | Yield per harvested acre | Production        |
|                       | <i>1,000 acres</i>         | <i>1,000 acres</i> | <i>Bushels</i>           | <i>1,000 bushels</i> | <i>Dollars</i>                          | <i>1,000 dollars</i> | <i>1,000 acres</i> | <i>Tons</i>              | <i>1,000 tons</i> |
| 1994 ...              | 78,921                     | 72,514             | 138.6                    | 10,050,520           | 2.26                                    | 22,874,154           | 5,717              | 15.8                     | 90,170            |
| 1995 ...              | 71,479                     | 65,210             | 113.5                    | 7,400,051            | 3.24                                    | 24,202,234           | 5,321              | 14.7                     | 78,181            |
| 1996 ...              | 79,229                     | 72,644             | 127.1                    | 9,232,557            | 2.71                                    | 25,149,013           | 5,607              | 15.4                     | 86,581            |
| 1997 ...              | 79,537                     | 72,671             | 126.7                    | 9,206,832            | 2.43                                    | 22,351,507           | 6,054              | 16.1                     | 97,192            |
| 1998 ...              | 80,165                     | 72,589             | 134.4                    | 9,758,685            | 1.94                                    | 18,922,084           | 5,913              | 16.1                     | 95,479            |
| 1999 ...              | 77,386                     | 70,487             | 133.8                    | 9,430,612            | 1.82                                    | 17,103,991           | 6,037              | 15.8                     | 95,633            |
| 2000 ...              | 79,551                     | 72,440             | 136.9                    | 9,915,051            | 1.85                                    | 18,499,002           | 6,082              | 16.8                     | 102,156           |
| 2001 ...              | 75,702                     | 68,768             | 138.2                    | 9,502,580            | 1.97                                    | 18,888,389           | 6,142              | 16.6                     | 101,992           |
| 2002 ...              | 78,894                     | 69,330             | 129.3                    | 8,966,787            | 2.32                                    | 20,974,734           | 7,122              | 14.4                     | 102,293           |
| 2003 <sup>2</sup> ... | 78,736                     | 71,139             | 142.2                    | 10,113,887           | 2.45                                    | 24,803,566           | 6,528              | 16.2                     | 105,864           |

<sup>1</sup> Marketing year average price and value of production for 1998–2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary. NASS, Crops Branch, (202) 720–2127.

**Table 1-36.—Corn: Stocks on and off farms, United States, 1995–2004**

| Year beginning previous December | On farms             |                      |                      |                      | Off farms <sup>2</sup> |                      |                      |                      |
|----------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------|----------------------|----------------------|----------------------|
|                                  | Dec. 1               | Mar. 1               | Jun. 1               | Sep. 1 <sup>1</sup>  | Dec. 1                 | Mar. 1               | Jun. 1               | Sep. 1 <sup>1</sup>  |
|                                  | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i>   | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> |
| 1995 .....                       | 5,417,500            | 3,502,000            | 2,072,000            | 740,900              | 2,662,980              | 2,089,693            | 1,342,896            | 816,940              |
| 1996 .....                       | 3,960,000            | 2,000,200            | 780,100              | 196,600              | 2,145,774              | 1,799,341            | 937,794              | 229,342              |
| 1997 .....                       | 4,800,000            | 2,870,000            | 1,501,000            | 475,000              | 2,102,974              | 1,624,128            | 995,550              | 408,161              |
| 1998 .....                       | 4,822,000            | 2,975,000            | 1,830,000            | 640,000              | 2,424,756              | 1,964,898            | 1,209,757            | 667,803              |
| 1999 .....                       | 5,320,000            | 3,570,000            | 2,257,000            | 797,000              | 2,731,846              | 2,128,428            | 1,359,225            | 989,977              |
| 2000 .....                       | 5,195,000            | 3,300,000            | 2,029,800            | 793,000              | 2,844,443              | 2,301,895            | 1,556,138            | 924,549              |
| 2001 .....                       | 5,550,000            | 3,600,000            | 2,230,800            | 753,150              | 2,979,634              | 2,442,989            | 1,693,158            | 1,145,958            |
| 2002 .....                       | 5,275,000            | 3,355,000            | 2,020,600            | 586,800              | 2,989,715              | 2,440,263            | 1,576,290            | 1,009,626            |
| 2003 .....                       | 4,800,000            | 2,940,000            | 1,620,200            | 484,900              | 2,837,971              | 2,191,873            | 1,364,718            | 601,773              |
| 2004 <sup>3</sup> .....          | 5,286,000            | NA                   | NA                   | NA                   | 2,658,779              | NA                   | NA                   | NA                   |

<sup>1</sup> Old crop only. <sup>2</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. <sup>3</sup> Preliminary. NA—not available. NASS, Crops Branch, (202) 720–2127.

**Table 1-37.—Corn: Area, yield, and production, by States, 2001–2003**

| State  | Area planted for all purposes |             |             | Corn for grain   |                  |                   |                          |                  |                   |                  |                  |                   |
|--------|-------------------------------|-------------|-------------|------------------|------------------|-------------------|--------------------------|------------------|-------------------|------------------|------------------|-------------------|
|        | 2001 2002 2003 <sup>1</sup>   |             |             | Area harvested   |                  |                   | Yield per harvested acre |                  |                   | Production       |                  |                   |
|        |                               |             |             | 2001             | 2002             | 2003 <sup>1</sup> | 2001                     | 2002             | 2003 <sup>1</sup> | 2001             | 2002             | 2003 <sup>1</sup> |
|        | 1,000 acres                   | 1,000 acres | 1,000 acres | 1,000 acres      | 1,000 acres      | 1,000 acres       | Bush-els                 | Bush-els         | Bush-els          | 1,000 bushels    | 1,000 bushels    | 1,000 bushels     |
| AL ... | 180                           | 200         | 220         | 150              | 180              | 190               | 107.0                    | 88.0             | 122.0             | 16,050           | 15,840           | 23,180            |
| AZ ... | 55                            | 60          | 47          | 28               | 28               | 22                | 208.0                    | 185.0            | 190.0             | 5,824            | 5,180            | 4,180             |
| AR ... | 190                           | 265         | 365         | 185              | 255              | 350               | 145.0                    | 134.0            | 140.0             | 26,825           | 34,170           | 49,000            |
| CA ... | 480                           | 545         | 520         | 160              | 150              | 170               | 170.0                    | 170.0            | 160.0             | 27,200           | 25,500           | 27,200            |
| CO ... | 1,220                         | 1,200       | 1,080       | 1,070            | 720              | 890               | 140.0                    | 150.0            | 135.0             | 149,800          | 108,000          | 120,150           |
| CT ... | 32                            | 32          | 30          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> )         | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| DE ... | 170                           | 180         | 170         | 162              | 167              | 162               | 146.0                    | 84.0             | 123.0             | 23,652           | 14,028           | 19,926            |
| FL ... | 65                            | 75          | 75          | 26               | 37               | 39                | 87.0                     | 96.0             | 82.0              | 2,262            | 3,552            | 3,198             |
| GA ... | 265                           | 340         | 340         | 220              | 290              | 285               | 134.0                    | 110.0            | 129.0             | 29,480           | 31,900           | 36,765            |
| ID ... | 175                           | 190         | 190         | 45               | 45               | 50                | 150.0                    | 155.0            | 140.0             | 6,750            | 6,975            | 7,000             |
| IL ... | 11,000                        | 11,100      | 11,200      | 10,850           | 10,900           | 11,050            | 152.0                    | 135.0            | 164.0             | 1,649,200        | 1,471,500        | 1,812,200         |
| IN ... | 5,800                         | 5,400       | 5,600       | 5,670            | 5,220            | 5,390             | 156.0                    | 121.0            | 146.0             | 884,520          | 631,620          | 786,940           |
| IA ... | 11,700                        | 12,200      | 12,400      | 11,400           | 11,850           | 12,000            | 146.0                    | 163.0            | 157.0             | 1,664,400        | 1,931,550        | 1,884,000         |
| KS ... | 3,450                         | 3,250       | 2,900       | 3,050            | 2,600            | 2,500             | 127.0                    | 116.0            | 120.0             | 387,350          | 301,600          | 300,000           |
| KY ... | 1,200                         | 1,160       | 1,170       | 1,100            | 1,070            | 1,080             | 142.0                    | 104.0            | 137.0             | 156,200          | 111,280          | 147,960           |
| LA ... | 315                           | 580         | 520         | 307              | 540              | 500               | 148.0                    | 121.0            | 134.0             | 45,436           | 65,340           | 67,000            |
| ME ... | 28                            | 29          | 28          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> )         | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| MD ... | 490                           | 510         | 480         | 410              | 425              | 410               | 136.0                    | 74.0             | 123.0             | 55,760           | 31,450           | 50,430            |
| MA ... | 22                            | 22          | 20          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> )         | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| MI ... | 2,200                         | 2,250       | 2,300       | 1,900            | 2,000            | 2,090             | 105.0                    | 117.0            | 126.0             | 199,500          | 234,000          | 263,340           |
| MN ... | 6,800                         | 7,200       | 7,200       | 6,200            | 6,700            | 6,650             | 130.0                    | 157.0            | 146.0             | 806,000          | 1,051,900        | 970,900           |
| MS ... | 400                           | 550         | 550         | 385              | 530              | 530               | 130.0                    | 120.0            | 135.0             | 50,050           | 63,600           | 71,550            |
| MO ... | 2,700                         | 2,800       | 2,900       | 2,600            | 2,700            | 2,800             | 133.0                    | 105.0            | 108.0             | 345,800          | 283,500          | 302,400           |
| MT ... | 65                            | 65          | 65          | 13               | 13               | 17                | 148.0                    | 140.0            | 140.0             | 1,924            | 1,820            | 2,380             |
| NE ... | 8,100                         | 8,400       | 8,100       | 7,750            | 7,350            | 7,700             | 147.0                    | 128.0            | 146.0             | 1,139,250        | 940,800          | 1,124,200         |
| NV ... | 3                             | 4           | 4           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> )         | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| NH ... | 15                            | 15          | 15          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> )         | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| NJ ... | 80                            | 90          | 80          | 66               | 70               | 61                | 112.0                    | 61.0             | 113.0             | 7,392            | 4,270            | 6,893             |
| NM ... | 130                           | 140         | 130         | 46               | 49               | 48                | 180.0                    | 175.0            | 180.0             | 8,280            | 8,575            | 8,640             |
| NY ... | 1,030                         | 1,020       | 1,000       | 540              | 460              | 440               | 105.0                    | 97.0             | 121.0             | 56,700           | 44,620           | 53,240            |
| NC ... | 700                           | 780         | 740         | 625              | 680              | 680               | 125.0                    | 83.0             | 106.0             | 78,125           | 56,440           | 72,080            |
| ND ... | 880                           | 1,230       | 1,450       | 705              | 995              | 1,170             | 115.0                    | 114.0            | 112.0             | 81,075           | 113,430          | 131,040           |
| OH ... | 3,400                         | 3,250       | 3,300       | 3,170            | 2,970            | 3,070             | 138.0                    | 89.0             | 156.0             | 437,460          | 264,330          | 478,920           |
| OK ... | 250                           | 240         | 230         | 210              | 190              | 190               | 125.0                    | 130.0            | 125.0             | 26,250           | 24,700           | 23,750            |
| OR ... | 45                            | 48          | 51          | 18               | 20               | 30                | 140.0                    | 160.0            | 170.0             | 2,520            | 3,200            | 5,100             |
| PA ... | 1,450                         | 1,400       | 1,450       | 960              | 840              | 890               | 98.0                     | 68.0             | 115.0             | 94,080           | 57,120           | 102,350           |
| RI ... | 2                             | 2           | 2           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> )         | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| SC ... | 260                           | 320         | 240         | 240              | 260              | 215               | 108.0                    | 47.0             | 105.0             | 25,920           | 12,220           | 22,575            |
| SD ... | 3,800                         | 4,450       | 4,400       | 3,400            | 3,250            | 3,850             | 109.0                    | 95.0             | 111.0             | 370,600          | 308,750          | 427,350           |
| TN ... | 680                           | 690         | 710         | 610              | 610              | 630               | 132.0                    | 107.0            | 131.0             | 80,520           | 65,270           | 82,530            |
| TX ... | 1,600                         | 2,050       | 1,830       | 1,420            | 1,790            | 1,650             | 118.0                    | 113.0            | 118.0             | 167,560          | 202,270          | 194,700           |
| UT ... | 60                            | 57          | 55          | 15               | 16               | 13                | 142.0                    | 142.0            | 155.0             | 2,130            | 2,272            | 2,015             |
| VT ... | 90                            | 95          | 96          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> )         | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| VA ... | 470                           | 500         | 470         | 330              | 325              | 330               | 123.0                    | 68.0             | 115.0             | 40,590           | 22,100           | 37,950            |
| WA ... | 115                           | 130         | 130         | 55               | 70               | 70                | 190.0                    | 190.0            | 195.0             | 10,450           | 13,300           | 13,650            |
| WV ... | 50                            | 50          | 48          | 26               | 30               | 27                | 120.0                    | 105.0            | 115.0             | 3,120            | 3,150            | 3,105             |
| WI ... | 3,400                         | 3,650       | 3,750       | 2,600            | 2,900            | 2,850             | 127.0                    | 135.0            | 129.0             | 330,200          | 391,500          | 367,650           |
| WY ... | 90                            | 80          | 85          | 51               | 35               | 50                | 125.0                    | 119.0            | 129.0             | 6,375            | 4,165            | 6,450             |
| US ... | 75,702                        | 78,894      | 78,736      | 68,768           | 69,330           | 71,139            | 138.2                    | 129.3            | 142.2             | 9,502,580        | 8,966,787        | 10,113,887        |

<sup>1</sup> Preliminary. <sup>2</sup> Not estimated.  
NASS, Crops Branch, (202) 720–2127.

**Table 1-38.—Corn: Supply and disappearance, United States, 1994–2003**

| Year beginning September 1 | Supply           |                 |                 |                 | Disappearance     |                            |                 |                 |                     | Ending stocks Aug. 31       |                 |                 |
|----------------------------|------------------|-----------------|-----------------|-----------------|-------------------|----------------------------|-----------------|-----------------|---------------------|-----------------------------|-----------------|-----------------|
|                            | Beginning stocks | Production      | Imports         | Total           | Domestic use      |                            |                 | Exports         | Total disappearance | Privately held <sup>1</sup> | Government      | Total           |
|                            |                  |                 |                 |                 | Feed and residual | Food, seed, and industrial | Total           |                 |                     |                             |                 |                 |
|                            | Million bushels  | Million bushels | Million bushels | Million bushels | Million bushels   | Million bushels            | Million bushels | Million bushels | Million bushels     | Million bushels             | Million bushels | Million bushels |
| 1994 .....                 | 850              | 10,051          | 10              | 10,910          | 5,460             | 1,715                      | 7,175           | 2,177           | 9,352               | 1,516                       | 42              | 1,558           |
| 1995 .....                 | 1,558            | 7,400           | 16              | 8,974           | 4,692             | 1,628                      | 6,321           | 2,228           | 8,548               | 396                         | 30              | 426             |
| 1996 .....                 | 426              | 9,233           | 13              | 9,672           | 5,277             | 1,714                      | 6,991           | 1,797           | 8,789               | 881                         | 2               | 883             |
| 1997 .....                 | 883              | 9,207           | 9               | 10,099          | 5,482             | 1,805                      | 7,287           | 1,504           | 8,791               | 1,304                       | 4               | 1,308           |
| 1998 .....                 | 1,308            | 9,759           | 19              | 11,085          | 5,471             | 1,846                      | 7,318           | 1,984           | 9,298               | 1,775                       | 12              | 1,787           |
| 1999 .....                 | 1,787            | 9,431           | 15              | 11,232          | 5,664             | 1,913                      | 7,578           | 1,937           | 9,515               | 1,704                       | 14              | 1,718           |
| 2000 .....                 | 1,718            | 9,915           | 7               | 11,639          | 5,842             | 1,957                      | 7,799           | 1,941           | 9,740               | 1,891                       | 8               | 1,899           |
| 2001 .....                 | 1,899            | 9,506           | 10              | 11,415          | 5,868             | 2,046                      | 7,915           | 1,905           | 9,820               | 1,590                       | 6               | 1,596           |
| 2002 <sup>2</sup> .....    | 1,596            | 9,008           | 14              | 10,619          | 5,599             | 2,340                      | 7,939           | 1,592           | 9,532               | 1,082                       | 5               | 1,087           |
| 2003 <sup>3</sup> .....    | 1,087            | 10,114          | 10              | 11,211          | 5,800             | 2,510                      | 8,310           | 2,000           | 10,310              | 898                         | 3               | 901             |

<sup>1</sup> Includes quantity under loan and farmer-owned reserve. <sup>2</sup> Preliminary. <sup>3</sup> Projected as of February 10, 2004, World Agricultural Supply and Demand Estimates. Totals may not add due to independent rounding.  
ERS, Market and Trade Economics Division, (202) 694–5296.

Table 1-39.—Corn: Utilization for silage, by States, 2001–2003

| State       | Silage         |             |                   |                |      |                   |            |            |                   |
|-------------|----------------|-------------|-------------------|----------------|------|-------------------|------------|------------|-------------------|
|             | Area harvested |             |                   | Yield per acre |      |                   | Production |            |                   |
|             | 2001           | 2002        | 2003 <sup>1</sup> | 2001           | 2002 | 2003 <sup>1</sup> | 2001       | 2002       | 2003 <sup>1</sup> |
| 1,000 acres | 1,000 acres    | 1,000 acres | Tons              | Tons           | Tons | 1,000 tons        | 1,000 tons | 1,000 tons |                   |
| AL .....    | 25             | 15          | 20                | 13.0           | 12.0 | 12.0              | 325        | 180        | 240               |
| AZ .....    | 26             | 31          | 24                | 27.0           | 25.0 | 28.0              | 702        | 775        | 672               |
| AR .....    | 3              | 5           | 8                 | 12.0           | 14.0 | 15.0              | 36         | 70         | 120               |
| CA .....    | 315            | 390         | 355               | 26.0           | 26.0 | 26.0              | 8,190      | 10,140     | 9,230             |
| CO .....    | 115            | 150         | 90                | 23.0           | 18.0 | 21.0              | 2,645      | 2,700      | 1,890             |
| CT .....    | 30             | 29          | 28                | 19.0           | 18.0 | 17.5              | 570        | 522        | 490               |
| DE .....    | 7              | 10          | 5                 | 18.0           | 14.0 | 16.0              | 126        | 140        | 80                |
| FL .....    | 33             | 31          | 28                | 18.0           | 18.0 | 19.0              | 594        | 558        | 532               |
| GA .....    | 40             | 40          | 45                | 18.0           | 17.0 | 17.0              | 720        | 680        | 765               |
| ID .....    | 125            | 140         | 135               | 25.0           | 26.0 | 26.0              | 3,125      | 3,640      | 3,510             |
| IL .....    | 115            | 115         | 110               | 16.0           | 15.0 | 15.0              | 1,840      | 1,725      | 1,650             |
| IN .....    | 110            | 140         | 150               | 19.0           | 16.0 | 19.0              | 2,090      | 2,240      | 2,850             |
| IA .....    | 230            | 270         | 330               | 18.5           | 19.0 | 20.0              | 4,255      | 5,130      | 6,600             |
| KS .....    | 295            | 320         | 280               | 14.0           | 10.0 | 11.0              | 4,130      | 3,200      | 3,080             |
| KY .....    | 95             | 85          | 80                | 19.0           | 16.0 | 18.0              | 1,805      | 1,360      | 1,440             |
| LA .....    | 7              | 10          | 10                | 14.0           | 12.0 | 16.0              | 98         | 120        | 160               |
| ME .....    | 25             | 26          | 25                | 19.0           | 17.0 | 18.0              | 475        | 442        | 450               |
| MD .....    | 75             | 80          | 65                | 15.0           | 12.0 | 16.0              | 1,125      | 960        | 1,040             |
| MA .....    | 19             | 18          | 17                | 21.0           | 19.0 | 19.0              | 399        | 342        | 323               |
| MI .....    | 280            | 240         | 200               | 13.0           | 15.0 | 16.0              | 3,640      | 3,600      | 3,200             |
| MN .....    | 500            | 400         | 475               | 14.0           | 17.0 | 14.0              | 7,000      | 6,800      | 6,650             |
| MS .....    | 13             | 15          | 10                | 11.0           | 15.0 | 15.0              | 143        | 225        | 150               |
| MO .....    | 70             | 70          | 80                | 16.0           | 13.0 | 10.5              | 1,120      | 910        | 840               |
| MT .....    | 51             | 49          | 47                | 22.0           | 22.0 | 24.0              | 1,122      | 1,078      | 1,128             |
| NE .....    | 275            | 450         | 300               | 17.0           | 10.5 | 12.0              | 4,675      | 4,725      | 3,600             |
| NV .....    | 3              | 4           | 4                 | 22.0           | 20.0 | 23.0              | 66         | 80         | 92                |
| NH .....    | 14             | 14          | 14                | 21.0           | 19.5 | 19.5              | 294        | 273        | 273               |
| NJ .....    | 13             | 18          | 18                | 16.0           | 11.0 | 15.0              | 208        | 198        | 270               |
| NM .....    | 82             | 90          | 80                | 23.0           | 24.0 | 23.0              | 1,886      | 2,160      | 1,840             |
| NY .....    | 485            | 550         | 550               | 16.0           | 14.0 | 17.5              | 7,760      | 7,700      | 9,625             |
| NC .....    | 72             | 75          | 55                | 19.0           | 12.0 | 16.0              | 1,368      | 900        | 880               |
| ND .....    | 155            | 180         | 220               | 11.0           | 7.0  | 6.8               | 1,705      | 1,260      | 1,496             |
| OH .....    | 170            | 250         | 170               | 17.0           | 10.0 | 19.0              | 2,890      | 2,500      | 3,230             |
| OK .....    | 27             | 29          | 24                | 17.0           | 19.0 | 18.0              | 459        | 551        | 432               |
| OR .....    | 26             | 26          | 20                | 21.0           | 23.0 | 22.0              | 546        | 598        | 440               |
| PA .....    | 470            | 540         | 550               | 16.0           | 11.5 | 14.5              | 7,520      | 6,210      | 7,975             |
| RI .....    | 2              | 2           | 2                 | 20.0           | 16.5 | 18.0              | 40         | 33         | 36                |
| SC .....    | 15             | 15          | 7                 | 20.0           | 12.0 | 15.0              | 300        | 180        | 105               |
| SD .....    | 370            | 870         | 470               | 10.5           | 6.5  | 8.5               | 3,885      | 5,655      | 3,995             |
| TN .....    | 65             | 65          | 50                | 19.0           | 15.0 | 17.0              | 1,235      | 975        | 850               |
| TX .....    | 130            | 130         | 120               | 17.0           | 18.5 | 18.0              | 2,210      | 2,405      | 2,160             |
| UT .....    | 44             | 40          | 41                | 21.0           | 21.0 | 21.0              | 924        | 840        | 861               |
| VT .....    | 85             | 91          | 88                | 19.0           | 16.0 | 18.5              | 1,615      | 1,456      | 1,628             |
| VA .....    | 135            | 155         | 135               | 15.5           | 11.5 | 17.5              | 2,093      | 1,783      | 2,363             |
| WA .....    | 60             | 60          | 60                | 26.0           | 26.0 | 25.0              | 1,560      | 1,560      | 1,500             |
| WV .....    | 23             | 19          | 19                | 17.0           | 16.5 | 15.5              | 391        | 314        | 295               |
| WI .....    | 780            | 730         | 880               | 14.5           | 16.0 | 16.0              | 11,310     | 11,680     | 14,080            |
| WY .....    | 37             | 40          | 34                | 21.0           | 18.0 | 22.0              | 777        | 720        | 748               |
| US .....    | 6,142          | 7,122       | 6,528             | 16.6           | 14.4 | 16.2              | 101,992    | 102,293    | 105,864           |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-40.—Corn for grain: Marketing year average price and value, by States, crop of 2001, 2002, and 2003<sup>1</sup>**

| State    | Marketing year average price per bushel |                |                   | Value of production  |                      |                      |
|----------|---|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001                                    | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Dollars</i>                          | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL ..... | 2.35                                    | 2.72           | 2.35              | 37,718               | 43,085               | 54,473               |
| AZ ..... | 2.79                                    | 3.14           | 3.20              | 16,249               | 16,265               | 13,376               |
| AR ..... | 2.02                                    | 2.43           | 2.40              | 54,187               | 84,661               | 117,600              |
| CA ..... | 2.45                                    | 2.73           | 2.85              | 66,640               | 69,615               | 77,520               |
| CO ..... | 2.13                                    | 2.53           | 2.55              | 319,074              | 284,170              | 306,383              |
| DE ..... | 2.15                                    | 2.85           | 2.80              | 50,852               | 39,504               | 55,793               |
| FL ..... | 2.25                                    | 2.60           | 2.55              | 5,090                | 8,486                | 8,155                |
| GA ..... | 2.32                                    | 2.70           | 2.35              | 68,394               | 90,045               | 86,398               |
| ID ..... | 2.64                                    | 2.91           | 2.95              | 17,820               | 23,280               | 20,650               |
| IL ..... | 2.04                                    | 2.35           | 2.50              | 3,364,368            | 3,515,600            | 4,530,500            |
| IN ..... | 1.98                                    | 2.41           | 2.50              | 1,751,350            | 1,522,204            | 1,967,350            |
| IA ..... | 1.90                                    | 2.22           | 2.40              | 3,162,360            | 4,358,970            | 4,521,600            |
| KS ..... | 2.03                                    | 2.48           | 2.55              | 786,321              | 719,200              | 765,000              |
| KY ..... | 2.08                                    | 2.58           | 2.55              | 324,896              | 273,686              | 377,298              |
| LA ..... | 2.20                                    | 2.40           | 2.40              | 99,959               | 163,968              | 160,800              |
| MD ..... | 2.18                                    | 2.85           | 2.75              | 121,557              | 92,055               | 138,683              |
| MI ..... | 1.97                                    | 2.34           | 2.40              | 393,015              | 543,582              | 632,016              |
| MN ..... | 1.90                                    | 2.15           | 2.35              | 1,531,400            | 2,261,585            | 2,281,615            |
| MS ..... | 1.99                                    | 2.33           | 2.25              | 99,600               | 154,363              | 160,988              |
| MO ..... | 1.96                                    | 2.45           | 2.50              | 677,768              | 694,575              | 756,000              |
| MT ..... | 1.89                                    | 2.45           | 2.65              | 3,636                | 4,459                | 6,307                |
| NE ..... | 1.94                                    | 2.32           | 2.45              | 2,210,145            | 2,182,656            | 2,754,290            |
| NJ ..... | 2.09                                    | 2.77           | 2.75              | 15,449               | 11,246               | 18,956               |
| NM ..... | 2.40                                    | 2.84           | 2.90              | 19,872               | 25,049               | 25,056               |
| NY ..... | 2.51                                    | 2.87           | 2.80              | 142,317              | 125,276              | 149,072              |
| NC ..... | 2.36                                    | 2.89           | 2.70              | 184,375              | 167,909              | 194,616              |
| ND ..... | 1.87                                    | 2.16           | 2.35              | 151,610              | 247,158              | 307,944              |
| OH ..... | 2.00                                    | 2.48           | 2.45              | 874,920              | 626,349              | 1,173,354            |
| OK ..... | 2.10                                    | 2.45           | 2.50              | 55,125               | 60,515               | 59,375               |
| OR ..... | 2.54                                    | 2.88           | 3.00              | 6,401                | 8,942                | 15,300               |
| PA ..... | 2.33                                    | 2.97           | 2.90              | 226,057              | 175,705              | 296,815              |
| SC ..... | 2.20                                    | 2.70           | 2.55              | 57,024               | 32,292               | 57,566               |
| SD ..... | 1.75                                    | 2.17           | 2.25              | 648,550              | 659,680              | 961,538              |
| TN ..... | 2.06                                    | 2.58           | 2.35              | 168,590              | 171,157              | 193,946              |
| TX ..... | 2.29                                    | 2.57           | 2.60              | 383,712              | 528,546              | 506,220              |
| UT ..... | 2.85                                    | 3.18           | 3.00              | 6,071                | 6,455                | 6,045                |
| VA ..... | 2.14                                    | 2.73           | 2.60              | 86,863               | 54,955               | 98,670               |
| WA ..... | 2.56                                    | 2.84           | 2.90              | 26,752               | 37,772               | 39,585               |
| WV ..... | 2.29                                    | 2.85           | 2.65              | 7,145                | 8,978                | 8,228                |
| WI ..... | 1.97                                    | 2.22           | 2.40              | 650,494              | 869,130              | 882,360              |
| WY ..... | 2.30                                    | 2.60           | 2.50              | 14,663               | 11,606               | 16,125               |
| US ..... | 1.97                                    | 2.32           | 2.45              | 18,888,389           | 20,974,734           | 24,803,566           |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 1-41.—Corn: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>**

| Continent and country | Area <sup>2</sup>     |                       |                        | Yield per hectare  |                    |                        | Production               |                          |                          |
|-----------------------|-----------------------|-----------------------|------------------------|--------------------|--------------------|------------------------|--------------------------|--------------------------|--------------------------|
|                       | 2000/2001             | 2001/2002             | 2002/2003 <sup>3</sup> | 2000/2001          | 2001/2002          | 2002/2003 <sup>3</sup> | 2000/2001                | 2001/2002                | 2002/2003 <sup>3</sup>   |
|                       | <i>1,000 hectares</i> | <i>1,000 hectares</i> | <i>1,000 hectares</i>  | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>     | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| North America:        |                       |                       |                        |                    |                    |                        |                          |                          |                          |
| Canada .....          | 1,088                 | 1,267                 | 1,280                  | 6.27               | 6.62               | 7.01                   | 6,827                    | 8,389                    | 8,975                    |
| Mexico .....          | 7,144                 | 7,780                 | 7,100                  | 2.51               | 2.62               | 2.65                   | 17,917                   | 20,400                   | 18,800                   |
| United States .....   | 29,316                | 27,846                | 28,050                 | 8.59               | 8.67               | 8.16                   | 251,854                  | 241,485                  | 228,805                  |
| Total .....           | 37,548                | 36,893                | 36,430                 | 7.37               | 7.33               | 7.04                   | 276,598                  | 270,274                  | 256,580                  |
| Central America:      |                       |                       |                        |                    |                    |                        |                          |                          |                          |
| Costa Rica .....      | 5                     | 7                     | 7                      | 2.00               | 1.71               | 1.71                   | 10                       | 12                       | 12                       |
| El Salvador .....     | 260                   | 294                   | 260                    | 2.23               | 1.92               | 2.29                   | 581                      | 564                      | 595                      |
| Guatemala .....       | 835                   | 590                   | 620                    | 1.44               | 1.78               | 1.77                   | 1,200                    | 1,050                    | 1,100                    |
| Honduras .....        | 379                   | 320                   | 300                    | 1.43               | 1.31               | 1.67                   | 542                      | 420                      | 500                      |
| Nicaragua .....       | 327                   | 333                   | 322                    | 1.26               | 1.20               | 1.30                   | 411                      | 399                      | 417                      |
| Panama .....          | 13                    | 11                    | 15                     | 2.85               | 3.64               | 3.07                   | 37                       | 40                       | 46                       |
| Total .....           | 1,819                 | 1,555                 | 1,524                  | 1.53               | 1.60               | 1.75                   | 2,781                    | 2,485                    | 2,670                    |

See footnotes at end of table.

**Table 1-41.—Corn: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>—Continued**

| Continent and country          | Area <sup>2</sup> |                |                        | Yield per hectare |             |                        | Production        |                   |                        |
|--------------------------------|-------------------|----------------|------------------------|-------------------|-------------|------------------------|-------------------|-------------------|------------------------|
|                                | 2000/2001         | 2001/2002      | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002   | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002         | 2002/2003 <sup>3</sup> |
|                                | 1,000 hectares    | 1,000 hectares | 1,000 hectares         | Metric tons       | Metric tons | Metric tons            | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons      |
| <b>South America:</b>          |                   |                |                        |                   |             |                        |                   |                   |                        |
| Argentina .....                | 2,818             | 2,450          | 2,450                  | 5.46              | 6.00        | 6.33                   | 15,400            | 14,700            | 15,500                 |
| Bolivia .....                  | 175               | 300            | 300                    | 1.71              | 2.17        | 2.17                   | 300               | 650               | 650                    |
| Brazil .....                   | 12,872            | 11,827         | 13,000                 | 3.20              | 3.00        | 3.46                   | 41,536            | 35,501            | 45,000                 |
| Chile .....                    | 82                | 87             | 110                    | 9.49              | 10.82       | 10.82                  | 778               | 924               | 1,190                  |
| Colombia .....                 | 530               | 537            | 553                    | 2.04              | 2.07        | 2.07                   | 1,080             | 1,110             | 1,145                  |
| Ecuador .....                  | 196               | 170            | 170                    | 2.63              | 1.44        | 1.65                   | 516               | 245               | 280                    |
| Guyana .....                   | 5                 | 5              | 5                      | 1.00              | 1.00        | 1.00                   | 5                 | 5                 | 5                      |
| Paraguay .....                 | 406               | 400            | 400                    | 2.33              | 2.64        | 2.50                   | 947               | 1,056             | 1,000                  |
| Peru .....                     | 510               | 565            | 512                    | 2.41              | 2.37        | 2.65                   | 1,230             | 1,340             | 1,355                  |
| Uruguay .....                  | 62                | 49             | 38                     | 4.31              | 3.33        | 4.71                   | 267               | 163               | 179                    |
| Venezuela .....                | 450               | 450            | 400                    | 2.56              | 2.56        | 2.75                   | 1,150             | 1,150             | 1,100                  |
| <b>Total .....</b>             | <b>18,206</b>     | <b>16,840</b>  | <b>17,938</b>          | <b>3.47</b>       | <b>3.38</b> | <b>3.76</b>            | <b>63,209</b>     | <b>56,844</b>     | <b>67,404</b>          |
| <b>Caribbean:</b>              |                   |                |                        |                   |             |                        |                   |                   |                        |
| Cuba .....                     | 75                | 75             | 75                     | 0.93              | 0.93        | 0.93                   | 70                | 70                | 70                     |
| Dominican Rep. ....            | 30                | 28             | 30                     | 1.27              | 1.29        | 1.27                   | 38                | 36                | 38                     |
| Haiti .....                    | 350               | 350            | 350                    | 0.86              | 0.86        | 0.86                   | 300               | 300               | 300                    |
| Jamaica & Dep. ....            | 4                 | 4              | 4                      | 0.50              | 0.50        | 0.50                   | 2                 | 2                 | 2                      |
| Trinidad .....                 | 3                 | 3              | 3                      | 1.67              | 1.67        | 1.67                   | 5                 | 5                 | 5                      |
| <b>Total .....</b>             | <b>462</b>        | <b>460</b>     | <b>462</b>             | <b>0.90</b>       | <b>0.90</b> | <b>0.90</b>            | <b>415</b>        | <b>413</b>        | <b>415</b>             |
| <b>European Union:</b>         |                   |                |                        |                   |             |                        |                   |                   |                        |
| Austria .....                  | 188               | 195            | 190                    | 9.85              | 9.08        | 10.21                  | 1,852             | 1,771             | 1,940                  |
| Belgium-Luxembourg .....       | 36                | 41             | 48                     | 11.03             | 11.34       | 11.15                  | 397               | 465               | 535                    |
| France .....                   | 1,766             | 1,914          | 1,831                  | 9.10              | 8.57        | 8.98                   | 16,073            | 16,408            | 16,440                 |
| Germany .....                  | 361               | 397            | 399                    | 9.21              | 8.83        | 9.37                   | 3,324             | 3,505             | 3,738                  |
| Greece .....                   | 135               | 120            | 140                    | 7.90              | 10.00       | 9.64                   | 1,067             | 1,200             | 1,350                  |
| Italy .....                    | 1,064             | 1,109          | 1,112                  | 9.53              | 9.52        | 9.50                   | 10,140            | 10,554            | 10,564                 |
| Netherlands .....              | 20                | 27             | 30                     | 10.00             | 8.85        | 9.00                   | 200               | 239               | 270                    |
| Portugal .....                 | 152               | 155            | 139                    | 5.74              | 5.85        | 5.68                   | 873               | 907               | 789                    |
| Spain .....                    | 425               | 504            | 463                    | 9.17              | 9.84        | 9.64                   | 3,897             | 4,957             | 4,463                  |
| <b>Total .....</b>             | <b>4,147</b>      | <b>4,462</b>   | <b>4,352</b>           | <b>9.12</b>       | <b>8.97</b> | <b>9.21</b>            | <b>37,823</b>     | <b>40,006</b>     | <b>40,089</b>          |
| <b>EU Accession Countries:</b> |                   |                |                        |                   |             |                        |                   |                   |                        |
| Czech Republic .....           | 45                | 62             | 80                     | 6.76              | 6.60        | 6.88                   | 304               | 409               | 550                    |
| Hungary .....                  | 1,190             | 1,300          | 1,150                  | 4.20              | 5.85        | 5.22                   | 5,000             | 7,600             | 6,000                  |
| Poland .....                   | 152               | 224            | 305                    | 6.07              | 6.08        | 6.39                   | 923               | 1,362             | 1,950                  |
| Slovakia .....                 | 120               | 140            | 138                    | 3.67              | 5.14        | 5.07                   | 440               | 720               | 700                    |
| Slovenia .....                 | 44                | 45             | 45                     | 7.00              | 7.44        | 7.33                   | 308               | 335               | 330                    |
| <b>Total .....</b>             | <b>1,551</b>      | <b>1,771</b>   | <b>1,718</b>           | <b>4.50</b>       | <b>5.89</b> | <b>5.55</b>            | <b>6,975</b>      | <b>10,426</b>     | <b>9,530</b>           |
| <b>Other Europe:</b>           |                   |                |                        |                   |             |                        |                   |                   |                        |
| Albania .....                  | 60                | 60             | 60                     | 3.33              | 3.33        | 3.33                   | 200               | 200               | 200                    |
| Bosnia-Herzegovina .....       | 208               | 213            | 228                    | 2.28              | 3.00        | 4.00                   | 475               | 640               | 912                    |
| Bulgaria .....                 | 380               | 340            | 280                    | 1.97              | 2.56        | 3.57                   | 750               | 870               | 1,000                  |
| Croatia .....                  | 350               | 380            | 389                    | 5.29              | 5.55        | 6.17                   | 1,850             | 2,110             | 2,400                  |
| Macedonia (Skopje) .....       | 45                | 45             | 45                     | 2.78              | 2.22        | 3.33                   | 125               | 100               | 150                    |
| Romania .....                  | 2,860             | 2,910          | 2,666                  | 1.68              | 2.41        | 2.74                   | 4,800             | 7,000             | 7,300                  |
| Serbia and Montenegro .....    | 1,207             | 1,200          | 1,200                  | 2.44              | 4.50        | 4.83                   | 2,944             | 5,400             | 5,800                  |
| Switzerland .....              | 22                | 24             | 25                     | 9.95              | 9.25        | 8.80                   | 219               | 222               | 220                    |
| <b>Total .....</b>             | <b>5,132</b>      | <b>5,172</b>   | <b>4,893</b>           | <b>2.21</b>       | <b>3.20</b> | <b>3.68</b>            | <b>11,363</b>     | <b>16,542</b>     | <b>17,982</b>          |
| <b>Fmr. Soviet Union:</b>      |                   |                |                        |                   |             |                        |                   |                   |                        |
| Azerbaijan .....               | 32                | 30             | 30                     | 3.13              | 3.33        | 3.33                   | 100               | 100               | 100                    |
| Georgia .....                  | 178               | 200            | 200                    | 1.52              | 1.50        | 2.00                   | 270               | 300               | 400                    |
| Kazakhstan .....               | 75                | 100            | 135                    | 3.33              | 3.20        | 3.22                   | 250               | 320               | 435                    |
| Kyrgyzstan .....               | 60                | 75             | 70                     | 5.67              | 5.87        | 6.14                   | 340               | 440               | 430                    |
| Moldova .....                  | 420               | 470            | 450                    | 2.45              | 2.34        | 2.67                   | 1,030             | 1,100             | 1,200                  |
| Russian Fed. ....              | 800               | 700            | 550                    | 1.94              | 1.14        | 2.82                   | 1,550             | 800               | 1,550                  |
| Tajikistan .....               | 11                | 13             | 13                     | 2.27              | 1.92        | 3.85                   | 25                | 25                | 50                     |
| Turkmenistan .....             | 25                | 25             | 25                     | 2.00              | 2.00        | 2.00                   | 50                | 50                | 50                     |
| Ukraine .....                  | 1,279             | 1,123          | 1,200                  | 3.01              | 3.24        | 3.50                   | 3,848             | 3,641             | 4,200                  |
| Uzbekistan .....               | 20                | 15             | 15                     | 2.75              | 2.00        | 2.00                   | 55                | 30                | 30                     |
| <b>Total .....</b>             | <b>2,900</b>      | <b>2,751</b>   | <b>2,688</b>           | <b>2.59</b>       | <b>2.47</b> | <b>3.14</b>            | <b>7,518</b>      | <b>6,806</b>      | <b>8,445</b>           |
| <b>Africa:</b>                 |                   |                |                        |                   |             |                        |                   |                   |                        |
| Algeria .....                  | 1                 | 1              | 1                      | 1.00              | 1.00        | 1.00                   | 1                 | 1                 | 1                      |
| Angola .....                   | 690               | 700            | 815                    | 0.58              | 0.68        | 0.52                   | 400               | 475               | 425                    |
| Benin .....                    | 600               | 600            | 600                    | 1.10              | 1.10        | 1.25                   | 660               | 660               | 750                    |
| Botswana .....                 | 30                | 30             | 30                     | 0.30              | 0.07        | 0.33                   | 9                 | 2                 | 10                     |
| Burkina Faso .....             | 250               | 250            | 250                    | 1.70              | 2.00        | 2.10                   | 425               | 500               | 525                    |
| Burundi .....                  | 112               | 115            | 115                    | 1.07              | 1.04        | 1.00                   | 120               | 120               | 115                    |
| Cameroon .....                 | 350               | 350            | 350                    | 2.43              | 2.29        | 2.36                   | 850               | 800               | 825                    |
| Cape Verde .....               | 52                | 30             | 30                     | 0.48              | 0.67        | 0.17                   | 25                | 20                | 5                      |
| Central African Republic ..... | 90                | 90             | 90                     | 1.11              | 1.00        | 0.89                   | 100               | 90                | 80                     |
| Chad .....                     | 130               | 130            | 130                    | 0.58              | 0.69        | 0.58                   | 75                | 90                | 75                     |
| Congo (Brazzaville) .....      | 30                | 30             | 30                     | 0.67              | 0.67        | 0.67                   | 20                | 20                | 20                     |
| Congo, Democratic Rep. ....    | 1,350             | 1,350          | 1,350                  | 0.88              | 0.87        | 0.78                   | 1,185             | 1,170             | 1,050                  |
| Cote d'Ivoire .....            | 690               | 690            | 600                    | 0.91              | 0.91        | 0.92                   | 625               | 625               | 550                    |
| Egypt .....                    | 705               | 770            | 735                    | 7.99              | 8.00        | 8.00                   | 5,636             | 6,160             | 5,880                  |

See footnotes at end of table.

**Table 1-41.—Corn: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>—Continued**

| Continent and country                | Area <sup>2</sup>      |                        |                            | Yield per hectare |                |                            | Production              |                         |                            |
|--------------------------------------|------------------------|------------------------|----------------------------|-------------------|----------------|----------------------------|-------------------------|-------------------------|----------------------------|
|                                      | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001           | 2001/<br>2002           | 2002/<br>2003 <sup>3</sup> |
|                                      | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares     | Metric<br>tons    | Metric<br>tons | Metric<br>tons             | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons    |
| <b>Africa—Continued</b>              |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Eritrea .....                        | 20                     | 12                     | 11                         | 0.70              | 0.75           | 0.36                       | 14                      | 9                       | 4                          |
| Ethiopia .....                       | 1,830                  | 1,975                  | 1,780                      | 1.71              | 1.65           | 1.17                       | 3,130                   | 3,250                   | 2,085                      |
| Gambia, The .....                    | 15                     | 17                     | 18                         | 1.47              | 1.71           | 1.17                       | 22                      | 29                      | 21                         |
| Ghana .....                          | 700                    | 710                    | 700                        | 1.45              | 1.32           | 1.57                       | 1,015                   | 940                     | 1,100                      |
| Guinea .....                         | 90                     | 90                     | 90                         | 1.00              | 1.00           | 1.00                       | 90                      | 90                      | 90                         |
| Guinea-Bissau .....                  | 15                     | 15                     | 15                         | 1.80              | 1.80           | 1.67                       | 27                      | 27                      | 25                         |
| Kenya .....                          | 1,570                  | 1,690                  | 1,500                      | 1.38              | 1.65           | 1.62                       | 2,160                   | 2,792                   | 2,430                      |
| Lesotho .....                        | 110                    | 120                    | 90                         | 1.00              | 0.83           | 0.39                       | 110                     | 100                     | 35                         |
| Madagascar .....                     | 185                    | 190                    | 190                        | 0.86              | 0.92           | 0.92                       | 160                     | 175                     | 175                        |
| Malawi .....                         | 1,450                  | 1,490                  | 1,570                      | 1.10              | 1.03           | 1.26                       | 1,590                   | 1,540                   | 1,980                      |
| Mauritania .....                     | 13                     | 13                     | 7                          | 0.77              | 0.77           | 0.86                       | 10                      | 10                      | 6                          |
| Morocco .....                        | 254                    | 250                    | 250                        | 0.21              | 0.80           | 0.80                       | 54                      | 200                     | 200                        |
| Mozambique .....                     | 1,275                  | 1,320                  | 1,400                      | 0.90              | 0.94           | 0.89                       | 1,150                   | 1,240                   | 1,250                      |
| Nigeria .....                        | 3,200                  | 3,400                  | 3,500                      | 1.25              | 1.47           | 1.49                       | 4,000                   | 5,000                   | 5,200                      |
| Rwanda .....                         | 75                     | 75                     | 80                         | 0.80              | 1.07           | 1.06                       | 60                      | 80                      | 85                         |
| Senegal .....                        | 100                    | 90                     | 80                         | 0.90              | 1.28           | 0.88                       | 90                      | 115                     | 70                         |
| Sierra Leone .....                   | 10                     | 10                     | 10                         | 1.00              | 1.00           | 1.00                       | 10                      | 10                      | 10                         |
| Somalia .....                        | 180                    | 200                    | 320                        | 0.83              | 0.50           | 0.63                       | 150                     | 100                     | 200                        |
| South Africa, Republic .....         | 3,225                  | 3,533                  | 3,575                      | 2.49              | 2.84           | 2.57                       | 8,040                   | 10,050                  | 9,200                      |
| Swaziland .....                      | 68                     | 57                     | 60                         | 1.03              | 1.28           | 1.13                       | 70                      | 73                      | 68                         |
| Tanzania, United Rep. ....           | 2,010                  | 2,000                  | 1,900                      | 1.27              | 1.35           | 1.37                       | 2,550                   | 2,700                   | 2,600                      |
| Togo .....                           | 380                    | 380                    | 380                        | 1.28              | 1.28           | 1.32                       | 485                     | 485                     | 500                        |
| Tunisia .....                        | 1                      | 1                      | 1                          | 1.00              | 1.00           | 1.00                       | 1                       | 1                       | 1                          |
| Uganda .....                         | 630                    | 630                    | 600                        | 1.27              | 1.27           | 1.25                       | 800                     | 800                     | 750                        |
| Zambia .....                         | 580                    | 575                    | 690                        | 1.38              | 1.04           | 1.68                       | 800                     | 600                     | 1,160                      |
| Zimbabwe .....                       | 1,223                  | 1,400                  | 1,400                      | 1.20              | 0.36           | 0.57                       | 1,467                   | 500                     | 800                        |
| <b>Total .....</b>                   | <b>24,289</b>          | <b>25,379</b>          | <b>25,343</b>              | <b>1.57</b>       | <b>1.64</b>    | <b>1.59</b>                | <b>38,186</b>           | <b>41,649</b>           | <b>40,356</b>              |
| <b>Asia:</b>                         |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Afghanistan .....                    | 96                     | 80                     | 100                        | 1.20              | 2.00           | 3.00                       | 115                     | 160                     | 300                        |
| Bhutan .....                         | 45                     | 45                     | 45                         | 1.56              | 1.56           | 1.56                       | 70                      | 70                      | 70                         |
| Burma .....                          | 210                    | 250                    | 300                        | 1.71              | 2.10           | 2.17                       | 359                     | 524                     | 650                        |
| Cambodia .....                       | 57                     | 67                     | 70                         | 2.75              | 2.78           | 2.40                       | 157                     | 186                     | 168                        |
| China, People's Republic of .....    | 23,056                 | 24,282                 | 24,634                     | 4.60              | 4.70           | 4.92                       | 106,000                 | 114,088                 | 121,300                    |
| India .....                          | 6,557                  | 6,870                  | 6,300                      | 1.84              | 1.97           | 1.76                       | 12,068                  | 13,510                  | 11,100                     |
| Indonesia .....                      | 3,000                  | 3,000                  | 3,050                      | 1.97              | 2.00           | 2.00                       | 5,900                   | 6,000                   | 6,100                      |
| Japan .....                          | 1                      | 1                      | 1                          | 1.00              | 1.00           | 1.00                       | 1                       | 1                       | 1                          |
| Korea, Democratic People's Rep ..... | 525                    | 520                    | 495                        | 2.57              | 2.88           | 3.33                       | 1,350                   | 1,500                   | 1,650                      |
| Korea, Rep. of .....                 | 16                     | 14                     | 17                         | 4.00              | 4.07           | 4.29                       | 64                      | 57                      | 73                         |
| Malaysia .....                       | 21                     | 22                     | 23                         | 3.10              | 3.09           | 3.04                       | 65                      | 68                      | 70                         |
| Mali .....                           | 175                    | 280                    | 280                        | 1.29              | 1.57           | 1.43                       | 225                     | 440                     | 400                        |
| Nepal .....                          | 880                    | 880                    | 880                        | 1.70              | 1.70           | 1.70                       | 1,500                   | 1,500                   | 1,500                      |
| Pakistan .....                       | 870                    | 875                    | 875                        | 1.44              | 1.43           | 1.46                       | 1,250                   | 1,250                   | 1,275                      |
| Philippines .....                    | 2,484                  | 2,485                  | 2,375                      | 1.81              | 1.81           | 1.81                       | 4,508                   | 4,505                   | 4,300                      |
| Taiwan .....                         | 14                     | 11                     | 10                         | 4.21              | 5.45           | 5.00                       | 59                      | 60                      | 50                         |
| Thailand .....                       | 1,210                  | 1,180                  | 1,134                      | 3.88              | 3.81           | 3.70                       | 4,700                   | 4,500                   | 4,200                      |
| Vietnam .....                        | 730                    | 727                    | 810                        | 2.75              | 2.91           | 2.86                       | 2,005                   | 2,112                   | 2,313                      |
| <b>Total .....</b>                   | <b>39,947</b>          | <b>41,589</b>          | <b>41,399</b>              | <b>3.51</b>       | <b>3.62</b>    | <b>3.76</b>                | <b>140,396</b>          | <b>150,531</b>          | <b>155,520</b>             |
| <b>Middle East:</b>                  |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Iran .....                           | 100                    | 100                    | 120                        | 4.50              | 4.50           | 5.42                       | 450                     | 450                     | 650                        |
| Iraq .....                           | 60                     | 50                     | 50                         | 0.92              | 1.00           | 1.20                       | 55                      | 50                      | 60                         |
| Jordan .....                         | 1                      | 1                      | 1                          | 1.00              | 1.00           | 1.00                       | 1                       | 1                       | 1                          |
| Lebanon .....                        | 2                      | 2                      | 2                          | 1.00              | 1.00           | 1.00                       | 2                       | 2                       | 2                          |
| Saudi Arabia .....                   | 3                      | 3                      | 3                          | 1.33              | 1.33           | 1.33                       | 4                       | 4                       | 4                          |
| Syria .....                          | 50                     | 50                     | 50                         | 3.00              | 3.00           | 2.50                       | 150                     | 150                     | 125                        |
| Turkey .....                         | 550                    | 525                    | 550                        | 3.82              | 3.81           | 3.82                       | 2,100                   | 2,000                   | 2,100                      |
| Yemen .....                          | 35                     | 35                     | 35                         | 1.43              | 1.43           | 1.43                       | 50                      | 50                      | 50                         |
| <b>Total .....</b>                   | <b>801</b>             | <b>766</b>             | <b>811</b>                 | <b>3.51</b>       | <b>3.53</b>    | <b>3.69</b>                | <b>2,812</b>            | <b>2,707</b>            | <b>2,992</b>               |
| <b>Oceania:</b>                      |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Australia .....                      | 75                     | 93                     | 60                         | 4.73              | 5.60           | 5.27                       | 355                     | 521                     | 316                        |
| New Zealand .....                    | 15                     | 15                     | 15                         | 9.67              | 9.67           | 9.67                       | 145                     | 145                     | 145                        |
| <b>Total .....</b>                   | <b>90</b>              | <b>108</b>             | <b>75</b>                  | <b>5.56</b>       | <b>6.17</b>    | <b>6.15</b>                | <b>500</b>              | <b>666</b>              | <b>461</b>                 |
| <b>World total .....</b>             | <b>136,892</b>         | <b>137,746</b>         | <b>137,633</b>             | <b>4.30</b>       | <b>4.35</b>    | <b>4.38</b>                | <b>588,576</b>          | <b>599,349</b>          | <b>602,444</b>             |

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1994 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1994 and ends early in 1995. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

**Table 1-42.—Corn: International trade, 2001–2003<sup>1</sup>**

| Country                  | 2000/2001                | 2001/2002                | 2002/2003 <sup>2</sup>   |
|--------------------------|--------------------------|--------------------------|--------------------------|
|                          | <i>1,000 metric tons</i> | <i>1,000 Metric tons</i> | <i>1,000 metric tons</i> |
| <b>Exports:</b>          |                          |                          |                          |
| Argentina .....          | 12,229                   | 8,581                    | 12,349                   |
| Brazil .....             | 3,741                    | 3,857                    | 3,181                    |
| Canada .....             | 127                      | 211                      | 306                      |
| China .....              | 7,276                    | 8,611                    | 15,244                   |
| Hungary .....            | 730                      | 2,751                    | 1,533                    |
| Romania .....            | 50                       | 135                      | 144                      |
| South Africa .....       | 1,415                    | 1,182                    | 1,141                    |
| Thailand .....           | 407                      | 184                      | 137                      |
| Ukraine .....            | 397                      | 349                      | 811                      |
| EU .....                 | 266                      | 63                       | 200                      |
| Others .....             | 1,491                    | 1,259                    | 1,798                    |
| Subtotal .....           | 28,129                   | 27,183                   | 36,844                   |
| United States .....      | 48,329                   | 47,271                   | 41,177                   |
| Total .....              | 76,458                   | 74,454                   | 78,021                   |
| <b>Imports:</b>          |                          |                          |                          |
| Algeria .....            | 1,500                    | 1,537                    | 1,643                    |
| Brazil .....             | 871                      | 297                      | 521                      |
| Canada .....             | 2,843                    | 4,022                    | 3,836                    |
| Chile .....              | 1,362                    | 1,278                    | 933                      |
| China .....              | 89                       | 39                       | 29                       |
| Colombia .....           | 1,857                    | 1,911                    | 2,100                    |
| Costa Rica .....         | 513                      | 463                      | 514                      |
| Dominican Republic ..... | 233                      | 302                      | 175                      |
| Ecuador .....            | 968                      | 1,038                    | 906                      |
| Egypt .....              | 149                      | 309                      | 304                      |
| Guatemala .....          | 5,268                    | 4,905                    | 4,864                    |
| Indonesia .....          | 549                      | 584                      | 513                      |
| Iran .....               | 1,280                    | 1,149                    | 1,600                    |
| Israel .....             | 1,265                    | 1,261                    | 2,157                    |
| Japan .....              | 993                      | 1,021                    | 775                      |
| Jordan .....             | 16,340                   | 16,395                   | 16,868                   |
| Korea, North .....       | 454                      | 439                      | 406                      |
| Korea, South .....       | 688                      | 288                      | 144                      |
| Malaysia .....           | 8,743                    | 8,621                    | 8,786                    |
| Mexico .....             | 2,588                    | 2,425                    | 2,408                    |
| Morocco .....            | 5,928                    | 4,076                    | 5,284                    |
| Peru .....               | 966                      | 829                      | 1,054                    |
| Philippines .....        | 861                      | 858                      | 917                      |
| Poland .....             | 246                      | 263                      | 68                       |
| Russia .....             | 222                      | 123                      | 137                      |
| Saudi Arabia .....       | 150                      | 534                      | 99                       |
| South Africa .....       | 1,389                    | 1,268                    | 1,424                    |
| Syria .....              | 0                        | 726                      | 617                      |
| Taiwan .....             | 794                      | 892                      | 919                      |
| Tunisia .....            | 4,924                    | 4,661                    | 4,758                    |
| Turkey .....             | 776                      | 793                      | 734                      |
| Venezuela .....          | 608                      | 1,193                    | 1,475                    |
| Zimbabwe .....           | 1,207                    | 515                      | 675                      |
| EU .....                 | 50                       | 310                      | 625                      |
| O.W. Europe .....        | 2,857                    | 2,906                    | 3,800                    |
| United States .....      | 179                      | 202                      | 374                      |
| Subtotal .....           | 69,510                   | 68,433                   | 72,442                   |
| Other Countries .....    | 5,962                    | 5,029                    | 4,840                    |
| Unaccounted .....        | 986                      | 992                      | 739                      |
| World Total .....        | 76,458                   | 74,454                   | 78,021                   |

<sup>1</sup> Year beginning Oct 1. <sup>2</sup> Preliminary.

FAS, Grain and Feed Division, (202) 720-6219. Prepared or estimated on the basis of official statistics from foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches and Foreign Service Officers, results of office research, and related information.

**Table 1-43.—Corn: Support operations, United States, 1994–2003**

| Marketing year beginning September 1 | Income support payment rates per bushel <sup>1</sup> | Program price levels per bushel |                     | Put under loan <sup>4</sup> |                          | Acquired by CCC under loan program <sup>5</sup> | Owned by CCC at end of marketing year |
|--------------------------------------|--|---------------------------------|---------------------|-----------------------------|--------------------------|---|---------------------------------------|
|                                      |  | Loan <sup>2</sup>               | Target <sup>3</sup> | Quantity                    | Percentage of production |   |                                       |
|                                      | Dollars  | Dollars                         | Dollars             | Million bushels             | Percent                  | Million bushels                                 | Million bushels                       |
| 1994/95 .....                        | 0.57   | 1.89                            | 2.75                | 2,002                       | 19.9                     | 0   | 42                                    |
| 1995/96 .....                        | 0.00   | 1.89                            | 2.75                | 676                         | 9.1                      | 0   | 30                                    |
| 1996/97 .....                        | 0.25   | 1.89                            | NA                  | 970                         | 10.5                     | 0   | 2                                     |
| 1997/98 .....                        | 0.49   | 1.89                            | NA                  | 1,141                       | 12.4                     | 2   | 4                                     |
| 1998/99 .....                        | 0.56   | 1.89                            | NA                  | 1,775                       | 18.2                     | 24  | 12                                    |
| 1999/2000 .....                      | 0.73   | 1.89                            | NA                  | 1,421                       | 15.1                     | 23  | 14                                    |
| 2000/2001 .....                      | 0.70   | 1.89                            | NA                  | 1,394                       | 14.1                     | 31  | 8                                     |
| 2001/2002 .....                      | 0.58   | 1.89                            | NA                  | 1,395                       | 14.7                     | 24  | 6                                     |
| 2002/2003 .....                      | 0.28/0.00  | 1.98                            | 2.60                | 1,367                       | 15.2                     | 1   | 4                                     |
| 2003/2004 .....                      | 0.28/--  | 1.98                            | 2.60                | .....                       | .....                    | .....   | .....                                 |

<sup>1</sup> Payment rates for the 1995/96 and prior crop years were calculated according to the deficiency payment/production adjustment program provisions. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the Production Flexibility Contract (PFC) program provisions of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and include supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the Direct and Counter-cyclical program provisions, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). Payment rates are rounded to the nearest cent. Beginning with 2002/2003, the first entry is the direct payment rate and the second entry is the counter-cyclical payment rate. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Between the 1996/97 and 2001/2002 marketing years, target prices were not longer applicable; however, target prices were reestablished under the 2002 Act. <sup>4</sup> Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. Excludes quantity on which loan deficiency payments were made. <sup>5</sup> Acquisition of all loans forfeited during the marketing year. For 2002/2003, as of September 30, 2003. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-8838.

**Table 1-44.—Corn: United States exports, specified by country of destination, 2000/2001–2002/2003<sup>1</sup>**

| Country of destination   | Year              |                   |                   |
|--------------------------|-------------------|-------------------|-------------------|
|                          | 2000/2001         | 2001/2002         | 2002/2003         |
|                          | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons |
| Japan .....              | 14,092            | 14,818            | 14,514            |
| Mexico .....             | 6,017             | 4,076             | 5,284             |
| Taiwan .....             | 4,894             | 4,599             | 4,220             |
| Canada .....             | 2,830             | 4,010             | 3,835             |
| Egypt .....              | 4,116             | 4,283             | 2,920             |
| Colombia .....           | 1,657             | 1,696             | 1,607             |
| Algeria .....            | 1,180             | 1,343             | 1,009             |
| Turkey .....             | 526               | 748               | 981               |
| Dominican Republic ..... | 950               | 1,038             | 905               |
| Venezuela .....          | 1,155             | 504               | 652               |
| Syria .....              | 583               | 767               | 538               |
| Costa Rica .....         | 481               | 463               | 514               |
| Guatemala .....          | 489               | 581               | 466               |
| El Salvador .....        | 463               | 289               | 388               |
| Israel .....             | 622               | 847               | 313               |
| Cuba .....               | .....             | 224               | 279               |
| Korea, South .....       | 3,116             | 1,088             | 274               |
| Panama .....             | 249               | 237               | 272               |
| Saudi Arabia .....       | 1,004             | 700               | 222               |
| Jamaica .....            | 221               | 241               | 218               |
| Other .....              | 3,684             | 4,719             | 1,766             |
| Total .....              | 48,329            | 47,271            | 41,177            |

<sup>1</sup> Year beginning Oct. 1. Compiled from U.S. Census data. FAS, Grain and Feed Division, (202) 720-6219.



**Table 1-45.—Oats: Area, yield, production, and value, United States, 1994–2003**

| Year                    | Area                 |             | Yield per harvested acre | Production    | Marketing year average price per bushel received by farmers <sup>2</sup> | Value of production <sup>2</sup> |
|-------------------------|----------------------|-------------|--------------------------|---------------|--|----------------------------------|
|                         | Planted <sup>1</sup> | Harvested   |                          |               |  |                                  |
|                         | 1,000 acres          | 1,000 acres | Bushels                  | 1,000 bushels | Dollars  | 1,000 dollars                    |
| 1994 .....              | 6,637                | 4,008       | 57.1                     | 228,844       | 1.22   | 299,627                          |
| 1995 .....              | 6,225                | 2,952       | 54.6                     | 161,094       | 1.67   | 278,941                          |
| 1996 .....              | 4,668                | 2,655       | 57.7                     | 153,245       | 1.96   | 313,910                          |
| 1997 .....              | 5,068                | 2,813       | 59.5                     | 167,246       | 1.60   | 273,284                          |
| 1998 .....              | 4,891                | 2,752       | 60.2                     | 165,768       | 1.10   | 199,748                          |
| 1999 .....              | 4,668                | 2,445       | 59.6                     | 145,628       | 1.12   | 175,172                          |
| 2000 .....              | 4,473                | 2,325       | 64.2                     | 149,165       | 1.10   | 175,797                          |
| 2001 .....              | 4,401                | 1,911       | 61.5                     | 117,602       | 1.59   | 195,711                          |
| 2002 .....              | 4,995                | 2,058       | 56.4                     | 116,002       | 1.81   | 216,127                          |
| 2003 <sup>3</sup> ..... | 4,601                | 2,224       | 65.0                     | 144,649       | 1.45   | 217,962                          |

<sup>1</sup>Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall. <sup>2</sup>Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>3</sup>Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-46.—Oats: Stocks on and off farms, United States, 1994–2003**

| Year beginning September | On farms |         |        |        | Off farms <sup>1</sup> |        |        |        |
|--------------------------|----------|---------|--------|--------|------------------------|--------|--------|--------|
|                          | Sep. 1   | Dec. 1  | Mar. 1 | Jun. 1 | Sep. 1                 | Dec. 1 | Mar. 1 | Jun. 1 |
| 1994 .....               | 144,300  | 113,400 | 78,400 | 46,750 | 75,551                 | 78,664 | 70,575 | 53,848 |
| 1995 .....               | 107,200  | 87,200  | 57,350 | 32,600 | 72,967                 | 65,804 | 55,268 | 33,708 |
| 1996 .....               | 93,400   | 80,650  | 56,200 | 33,100 | 38,459                 | 45,218 | 39,330 | 33,576 |
| 1997 .....               | 105,950  | 83,200  | 58,800 | 34,500 | 48,972                 | 61,051 | 52,418 | 39,498 |
| 1998 .....               | 110,300  | 81,500  | 61,700 | 40,700 | 51,502                 | 61,835 | 50,850 | 40,678 |
| 1999 .....               | 97,300   | 79,800  | 53,300 | 36,000 | 51,151                 | 53,872 | 48,500 | 40,031 |
| 2000 .....               | 101,200  | 86,900  | 55,800 | 32,050 | 49,177                 | 57,237 | 54,128 | 40,677 |
| 2001 .....               | 74,800   | 58,100  | 40,200 | 28,650 | 41,592                 | 56,117 | 53,158 | 34,552 |
| 2002 .....               | 70,500   | 52,500  | 35,000 | 20,600 | 41,212                 | 51,284 | 47,879 | 29,233 |
| 2003 <sup>2</sup> .....  | 82,100   | 64,300  | NA     | NA     | 49,637                 | 54,918 | NA     | NA     |

<sup>1</sup>Includes stocks at mills, elevators, warehouses, terminals, and processors. <sup>2</sup>Preliminary. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 1-47.—Oats: Supply and disappearance, United States, 1994–2003**

| Year beginning June 1 | Supply           |                 |                 |                 | Disappearance     |                           |                 |                 |                     | Ending stocks May 31        |                 |                 |
|-----------------------|------------------|-----------------|-----------------|-----------------|-------------------|---------------------------|-----------------|-----------------|---------------------|-----------------------------|-----------------|-----------------|
|                       | Beginning stocks | Production      | Imports         | Total           | Domestic use      |                           |                 | Exports         | Total disappearance | Privately held <sup>1</sup> | Government      | Total           |
|                       |                  |                 |                 |                 | Feed and residual | Food, seed and industrial | Total           |                 |                     |                             |                 |                 |
|                       | Million bushels  | Million bushels | Million bushels | Million bushels | Million bushels   | Million bushels           | Million bushels | Million bushels | Million bushels     | Million bushels             | Million bushels | Million bushels |
| 1994 ..               | 106              | 229             | 93              | 428             | 243               | 83                        | 326             | 1               | 327                 | 101                         | 0               | 101             |
| 1995 ..               | 101              | 161             | 81              | 342             | 195               | 79                        | 274             | 2               | 276                 | 66                          | 0               | 66              |
| 1996 ..               | 66               | 153             | 97              | 317             | 172               | 76                        | 248             | 3               | 250                 | 67                          | 0               | 67              |
| 1997 ..               | 67               | 167             | 98              | 332             | 185               | 72                        | 256             | 2               | 258                 | 74                          | 0               | 74              |
| 1998 ..               | 74               | 166             | 108             | 348             | 196               | 69                        | 265             | 2               | 266                 | 81                          | 0               | 81              |
| 1999 ..               | 81               | 146             | 99              | 326             | 180               | 68                        | 249             | 2               | 250                 | 76                          | 0               | 76              |
| 2000 ..               | 76               | 150             | 106             | 332             | 189               | 68                        | 257             | 2               | 259                 | 73                          | 0               | 73              |
| 2001 ..               | 73               | 117             | 96              | 286             | 148               | 72                        | 220             | 3               | 223                 | 63                          | 0               | 63              |
| 2002 <sup>2</sup> ..  | 63               | 119             | 95              | 277             | 152               | 72                        | 224             | 3               | 227                 | 50                          | 0               | 50              |
| 2003 <sup>3</sup> ..  | 50               | 145             | 90              | 284             | 135               | 73                        | 208             | 2               | 210                 | 74                          | 0               | 74              |

<sup>1</sup>Includes quantity under loan and farmer-owned reserve. <sup>2</sup>Preliminary. <sup>3</sup>Projected as of February 10, 2004, World Agricultural Supply and Demand Estimates. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694-5296.

**Table 1-48.—Oats: Support operations, United States, 1994–2003**

| Marketing Year beginning June 1 | Income support payment rates per bushel <sup>1</sup> | Program price levels per bushel |                     | Put under loan <sup>4</sup> |                          | Acquired by CCC under loan program <sup>5</sup> | Owned by CCC at end of marketing year |
|---------------------------------|--|---------------------------------|---------------------|-----------------------------|--------------------------|---|---------------------------------------|
|                                 |  | Loan <sup>2</sup>               | Target <sup>3</sup> | Quantity                    | Percentage of production |   |                                       |
|                                 | Dollars  | Dollars                         | Dollars             | Million bushels             | Percent                  | Million bushels                                 | Million bushels                       |
| 1994/95 .....                   | 0.19   | 0.97                            | 1.45                | 1.9                         | 0.8                      | 0.0   | 0.0                                   |
| 1995/96 .....                   | 0.00   | 0.97                            | 1.45                | 0.7                         | 0.4                      | 0.0   | 0.0                                   |
| 1996/97 .....                   | 0.03   | 1.03                            | NA                  | 1.5                         | 1.0                      | 0.0   | 0.0                                   |
| 1997/98 .....                   | 0.03   | 1.11                            | NA                  | 2.4                         | 1.4                      | 0.1   | 0.0                                   |
| 1998/99 .....                   | 0.05   | 1.11                            | NA                  | 4.6                         | 2.8                      | 0.8   | 0.0                                   |
| 1999/2000 .....                 | 0.06   | 1.13                            | NA                  | 1.7                         | 1.2                      | 0.1   | 0.0                                   |
| 2000/2001 .....                 | 0.06   | 1.16                            | NA                  | 1.7                         | 1.1                      | 0.1   | 0.0                                   |
| 2001/2002 .....                 | 0.05   | 1.21                            | NA                  | 1.7                         | 1.5                      | 0.0   | 0.0                                   |
| 2002/2003 .....                 | 0.02/0.00  | 1.35                            | 1.40                | 2.0                         | 1.7                      | 0.0   | 0.0                                   |
| 2003/2004 .....                 | 0.02/---   | 1.35                            | 1.40                | .....                       | .....                    | .....   | .....                                 |

<sup>1</sup> Payment rates for the 1995/96 and prior crop years were calculated according to the deficiency payment/production adjustment program provisions. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the Production Flexibility Contract (PFC) program provisions of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and include supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the Direct and Counter-cyclical program provisions, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). Payment rates are rounded to the nearest cent. Beginning with 2002/2003, the first entry is the direct payment rate and the second entry is the counter-cyclical payment rate. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Between the 1996/97 and 2001/2002 marketing years, target prices were not longer applicable; however, target prices were reestablished under the 2002 Act. <sup>4</sup> Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. Excludes quantity on which loan deficiency payments were made. <sup>5</sup> Acquisition of all loans forfeited during the marketing year. For 2002/2003, as of September 30, 2003. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-8838.

**Table 1-49.—Oats: Area, yield, and production, by States, 2001–2003**

| State    | Area planted <sup>1</sup> |             |             | Area harvested |             |             | Yield per harvested acre |          |          | Production    |               |               |
|----------|---------------------------|-------------|-------------|----------------|-------------|-------------|--------------------------|----------|----------|---------------|---------------|---------------|
|          | 2001                      | 2002        | 2003        | 2001           | 2002        | 2003        | 2001                     | 2002     | 2003     | 2001          | 2002          | 2003          |
|          | 1,000 acres               | 1,000 acres | 1,000 acres | 1,000 acres    | 1,000 acres | 1,000 acres | Bush-els                 | Bush-els | Bush-els | 1,000 bushels | 1,000 bushels | 1,000 bushels |
| CA ..... | 260                       | 260         | 260         | 25             | 32          | 35          | 60.0                     | 82.0     | 80.0     | 1,500         | 2,624         | 2,800         |
| CO ..... | 80                        | 65          | 100         | 32             | 8           | 15          | 60.0                     | 50.0     | 65.0     | 1,920         | 400           | 975           |
| GA ..... | 100                       | 90          | 100         | 35             | 25          | 30          | 65.0                     | 60.0     | 56.0     | 2,275         | 1,500         | 1,680         |
| ID ..... | 130                       | 125         | 120         | 20             | 25          | 25          | 68.0                     | 70.0     | 65.0     | 1,360         | 1,750         | 1,625         |
| IL ..... | 60                        | 65          | 60          | 40             | 45          | 50          | 80.0                     | 73.0     | 89.0     | 3,200         | 3,285         | 4,450         |
| IN ..... | 25                        | 20          | 25          | 16             | 14          | 15          | 80.0                     | 62.0     | 70.0     | 1,280         | 868           | 1,050         |
| IA ..... | 240                       | 290         | 220         | 130            | 175         | 130         | 70.0                     | 76.0     | 83.0     | 9,100         | 13,300        | 10,790        |
| KS ..... | 100                       | 140         | 140         | 40             | 60          | 70          | 53.0                     | 52.0     | 65.0     | 2,120         | 3,120         | 4,550         |
| ME ..... | 31                        | 28          | 31          | 29             | 27          | 30          | 75.0                     | 85.0     | 78.0     | 2,175         | 2,295         | 2,340         |
| MI ..... | 70                        | 80          | 90          | 55             | 65          | 75          | 64.0                     | 64.0     | 70.0     | 3,520         | 4,160         | 5,250         |
| MN ..... | 300                       | 420         | 350         | 210            | 265         | 265         | 60.0                     | 56.0     | 71.0     | 12,600        | 14,840        | 18,815        |
| MO ..... | 40                        | 65          | 30          | 20             | 35          | 18          | 50.0                     | 51.0     | 67.0     | 1,000         | 1,785         | 1,206         |
| MT ..... | 130                       | 135         | 120         | 60             | 50          | 45          | 44.0                     | 46.0     | 44.0     | 2,640         | 2,300         | 1,980         |
| NE ..... | 155                       | 175         | 220         | 60             | 55          | 90          | 61.0                     | 43.0     | 73.0     | 3,660         | 2,365         | 6,570         |
| NY ..... | 95                        | 75          | 85          | 80             | 65          | 70          | 69.0                     | 64.0     | 63.0     | 5,520         | 4,160         | 4,410         |
| NC ..... | 60                        | 65          | 55          | 28             | 25          | 22          | 56.0                     | 55.0     | 59.0     | 1,568         | 1,375         | 1,298         |
| ND ..... | 575                       | 670         | 620         | 240            | 300         | 360         | 62.0                     | 42.0     | 59.0     | 14,880        | 12,600        | 21,240        |
| OH ..... | 100                       | 70          | 80          | 85             | 55          | 60          | 73.0                     | 61.0     | 66.0     | 6,205         | 3,355         | 3,960         |
| OK ..... | 55                        | 85          | 70          | 10             | 20          | 25          | 38.0                     | 37.0     | 36.0     | 380           | 740           | 900           |
| OR ..... | 55                        | 70          | 60          | 25             | 30          | 20          | 77.0                     | 84.0     | 75.0     | 1,925         | 2,520         | 1,500         |
| PA ..... | 150                       | 140         | 140         | 115            | 115         | 110         | 65.0                     | 61.0     | 59.0     | 7,475         | 7,015         | 6,490         |
| SC ..... | 50                        | 50          | 40          | 25             | 25          | 20          | 57.0                     | 46.0     | 56.0     | 1,425         | 1,150         | 1,120         |
| SD ..... | 350                       | 470         | 420         | 130            | 120         | 230         | 60.0                     | 45.0     | 68.0     | 7,800         | 5,400         | 15,640        |
| TX ..... | 725                       | 750         | 625         | 160            | 140         | 140         | 45.0                     | 44.0     | 45.0     | 7,200         | 6,160         | 6,300         |
| UT ..... | 60                        | 60          | 65          | 6              | 4           | 6           | 65.0                     | 85.0     | 82.0     | 390           | 340           | 492           |
| WA ..... | 30                        | 32          | 35          | 12             | 13          | 15          | 55.0                     | 65.0     | 50.0     | 660           | 845           | 750           |
| WI ..... | 300                       | 430         | 380         | 195            | 250         | 230         | 64.0                     | 60.0     | 67.0     | 12,480        | 15,000        | 15,410        |
| WY ..... | 75                        | 70          | 60          | 28             | 15          | 23          | 48.0                     | 50.0     | 46.0     | 1,344         | 750           | 1,058         |
| US ..... | 4,401                     | 4,995       | 4,601       | 1,911          | 2,058       | 2,224       | 61.5                     | 56.4     | 65.0     | 117,602       | 116,002       | 144,649       |

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall. NASS, Crops Branch, (202) 720-2127.

**Table 1-50.—Oats: Marketing year average price and value, by States, crop of 2001, 2002, and 2003<sup>1</sup>**

| State    | Marketing year average price per bushel |                |                   | Value of production  |                      |                      |
|----------|---|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001                                    | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Dollars</i>                          | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| CA ..... | 2.25                                    | 2.90           | 1.95              | 2,025                | 6,264                | 5,460                |
| CO ..... | 2.20                                    | 2.90           | 2.10              | 4,224                | 1,160                | 2,048                |
| GA ..... | 1.75                                    | 2.10           | 1.70              | 3,981                | 3,150                | 2,856                |
| ID ..... | 1.60                                    | 1.80           | 1.50              | 2,176                | 3,150                | 2,438                |
| IL ..... | 1.81                                    | 1.77           | 1.65              | 5,792                | 6,107                | 7,343                |
| IN ..... | 1.85                                    | 1.85           | 1.90              | 2,368                | 1,606                | 1,995                |
| IA ..... | 1.54                                    | 1.78           | 1.50              | 14,014               | 23,674               | 16,185               |
| KS ..... | 1.70                                    | 1.89           | 1.45              | 3,604                | 5,897                | 6,598                |
| ME ..... | 1.10                                    | 1.45           | 1.05              | 2,558                | 3,785                | 2,457                |
| MI ..... | 1.80                                    | 1.80           | 1.60              | 6,336                | 7,488                | 8,400                |
| MN ..... | 1.53                                    | 1.65           | 1.30              | 19,278               | 26,334               | 24,460               |
| MO ..... | 1.60                                    | 1.85           | 1.65              | 1,600                | 3,108                | 1,990                |
| MT ..... | 1.96                                    | 2.02           | 1.70              | 4,704                | 5,444                | 3,366                |
| NE ..... | 1.59                                    | 2.00           | 1.50              | 5,819                | 4,730                | 9,855                |
| NY ..... | 1.62                                    | 1.92           | 1.75              | 8,942                | 6,970                | 7,718                |
| NC ..... | 1.65                                    | 1.90           | 1.85              | 2,772                | 3,791                | 2,401                |
| ND ..... | 1.63                                    | 1.68           | 1.30              | 24,254               | 21,437               | 27,612               |
| OH ..... | 1.80                                    | 1.76           | 1.80              | 11,169               | 6,547                | 7,128                |
| OK ..... | 1.75                                    | 2.10           | 1.90              | 665                  | 2,331                | 1,710                |
| OR ..... | 1.96                                    | 2.36           | 2.00              | 3,773                | 6,230                | 3,000                |
| PA ..... | 1.72                                    | 2.08           | 1.75              | 12,857               | 14,591               | 11,358               |
| SC ..... | 1.75                                    | 1.90           | 1.75              | 2,494                | 2,451                | 1,960                |
| SD ..... | 1.67                                    | 1.99           | 1.30              | 13,026               | 8,955                | 20,332               |
| TX ..... | 2.20                                    | 1.72           | 2.25              | 15,840               | 12,109               | 14,175               |
| UT ..... | 2.25                                    | 2.55           | 2.35              | 878                  | 1,148                | 1,156                |
| WA ..... | 1.70                                    | 1.75           | 1.60              | 1,122                | 1,138                | 1,200                |
| WI ..... | 1.38                                    | 1.65           | 1.35              | 17,222               | 24,750               | 20,804               |
| WY ..... | 1.65                                    | 2.20           | 1.85              | 2,218                | 1,782                | 1,957                |
| US ..... | 1.59                                    | 1.81           | 1.45              | 195,711              | 216,127              | 217,962              |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-51.—Oats: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>**

| Continent and country | Area <sup>2</sup>               |                                 |                                 | Yield per hectare      |                        |                            | Production                       |                                  |                                  |
|-----------------------|---------------------------------|---------------------------------|---------------------------------|------------------------|------------------------|----------------------------|----------------------------------|----------------------------------|----------------------------------|
|                       | 2000/<br>2001                   | 2001/<br>2002                   | 2002/<br>2003 <sup>3</sup>      | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001                    | 2001/<br>2002                    | 2002/<br>2003 <sup>3</sup>       |
|                       | <i>1,000<br/>hec-<br/>tares</i> | <i>1,000<br/>hec-<br/>tares</i> | <i>1,000<br/>hec-<br/>tares</i> | <i>Metric<br/>tons</i> | <i>Metric<br/>tons</i> | <i>Metric<br/>tons</i>     | <i>1,000<br/>metric<br/>tons</i> | <i>1,000<br/>metric<br/>tons</i> | <i>1,000<br/>metric<br/>tons</i> |
| North America:        |                                 |                                 |                                 |                        |                        |                            |                                  |                                  |                                  |
| Canada .....          | 1,299                           | 1,238                           | 1,379                           | 2.61                   | 2.17                   | 2.11                       | 3,389                            | 2,691                            | 2,911                            |
| Mexico .....          | 100                             | 100                             | 100                             | 1.00                   | 1.00                   | 1.00                       | 100                              | 100                              | 100                              |
| United States .....   | 943                             | 771                             | 847                             | 2.30                   | 2.20                   | 2.03                       | 2,171                            | 1,699                            | 1,722                            |
| Total .....           | 2,342                           | 2,109                           | 2,326                           | 2.42                   | 2.13                   | 2.03                       | 5,660                            | 4,490                            | 4,733                            |
| South America:        |                                 |                                 |                                 |                        |                        |                            |                                  |                                  |                                  |
| Argentina .....       | 335                             | 387                             | 321                             | 1.93                   | 1.67                   | 1.51                       | 645                              | 645                              | 485                              |
| Brazil .....          | 249                             | 257                             | 240                             | 1.33                   | 1.08                   | 1.46                       | 330                              | 277                              | 350                              |
| Chile .....           | 90                              | 93                              | 105                             | 3.83                   | 4.47                   | 3.38                       | 345                              | 416                              | 355                              |
| Colombia .....        | 3                               | 3                               | 3                               | 1.33                   | 1.33                   | 1.33                       | 4                                | 4                                | 4                                |
| Ecuador .....         | 1                               | 1                               | 1                               | 1.00                   | 1.00                   | 1.00                       | 1                                | 1                                | 1                                |
| Uruguay .....         | 90                              | 90                              | 12                              | 0.33                   | 0.33                   | 1.42                       | 30                               | 30                               | 17                               |
| Total .....           | 768                             | 831                             | 682                             | 1.76                   | 1.65                   | 1.78                       | 1,355                            | 1,373                            | 1,212                            |
| European Union:       |                                 |                                 |                                 |                        |                        |                            |                                  |                                  |                                  |
| Austria .....         | 33                              | 31                              | 35                              | 3.52                   | 4.13                   | 3.60                       | 116                              | 128                              | 126                              |
| Belgium .....         | 7                               | 9                               | 8                               | 5.00                   | 4.67                   | 5.50                       | 35                               | 42                               | 44                               |
| Denmark .....         | 45                              | 60                              | 55                              | 5.18                   | 4.87                   | 5.02                       | 233                              | 292                              | 276                              |
| Finland .....         | 399                             | 417                             | 450                             | 3.54                   | 3.09                   | 3.35                       | 1,413                            | 1,287                            | 1,508                            |
| France .....          | 103                             | 118                             | 153                             | 4.46                   | 4.11                   | 5.05                       | 459                              | 485                              | 773                              |
| Germany .....         | 237                             | 233                             | 233                             | 4.59                   | 4.94                   | 4.36                       | 1,087                            | 1,151                            | 1,016                            |
| Greece .....          | 45                              | 45                              | 45                              | 2.27                   | 2.20                   | 2.20                       | 102                              | 99                               | 99                               |
| Ireland .....         | 20                              | 17                              | 19                              | 6.75                   | 6.94                   | 7.00                       | 135                              | 118                              | 133                              |
| Italy .....           | 141                             | 140                             | 151                             | 2.26                   | 2.21                   | 2.18                       | 318                              | 310                              | 329                              |
| Netherlands .....     | 2                               | 3                               | 2                               | 6.50                   | 4.67                   | 6.50                       | 13                               | 14                               | 13                               |

See footnotes at end of table.

**Table 1-51.—Oats: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>—Continued**

| Continent and country          | Area <sup>2</sup>      |                        |                            | Yield per hectare |                |                            | Production              |                         |                            |
|--------------------------------|------------------------|------------------------|----------------------------|-------------------|----------------|----------------------------|-------------------------|-------------------------|----------------------------|
|                                | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001           | 2001/<br>2002           | 2002/<br>2003 <sup>3</sup> |
|                                | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares     | Metric<br>tons    | Metric<br>tons | Metric<br>tons             | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons    |
| <b>Europe, cont.:</b>          |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Portugal .....                 | 85                     | 61                     | 65                         | 1.32              | 0.61           | 0.94                       | 112                     | 37                      | 61                         |
| Spain .....                    | 427                    | 441                    | 473                        | 2.23              | 1.49           | 1.94                       | 952                     | 659                     | 916                        |
| Sweden .....                   | 291                    | 272                    | 288                        | 3.96              | 3.54           | 4.10                       | 1,151                   | 964                     | 1,181                      |
| United Kingdom .....           | 109                    | 112                    | 126                        | 5.87              | 5.54           | 5.98                       | 640                     | 621                     | 753                        |
| Total .....                    | 1,944                  | 1,959                  | 2,103                      | 3.48              | 3.17           | 3.44                       | 6,766                   | 6,207                   | 7,228                      |
| <b>EU Accession Countries:</b> |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Czech Republic .....           | 50                     | 48                     | 61                         | 2.72              | 2.83           | 2.75                       | 136                     | 136                     | 168                        |
| Estonia .....                  | 53                     | 48                     | 38                         | 2.21              | 1.94           | 1.76                       | 117                     | 93                      | 67                         |
| Hungary .....                  | 60                     | 60                     | 60                         | 1.67              | 2.50           | 2.30                       | 100                     | 150                     | 138                        |
| Latvia .....                   | 46                     | 55                     | 47                         | 1.74              | 1.31           | 1.64                       | 80                      | 72                      | 77                         |
| Lithuania .....                | 44                     | 45                     | 55                         | 1.89              | 1.67           | 1.78                       | 83                      | 75                      | 98                         |
| Poland .....                   | 566                    | 531                    | 591                        | 1.89              | 2.46           | 2.50                       | 1,070                   | 1,305                   | 1,480                      |
| Slovakia .....                 | 21                     | 17                     | 20                         | 1.19              | 2.65           | 2.15                       | 25                      | 45                      | 43                         |
| Slovenia .....                 | 2                      | 2                      | 2                          | 3.00              | 3.00           | 3.00                       | 6                       | 6                       | 6                          |
| Total .....                    | 842                    | 806                    | 874                        | 1.92              | 2.33           | 2.38                       | 1,617                   | 1,882                   | 2,077                      |
| <b>Other Europe:</b>           |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Albania .....                  | 20                     | 20                     | 20                         | 0.75              | 0.75           | 0.75                       | 15                      | 15                      | 15                         |
| Bosnia-Herzegovina .....       | 26                     | 26                     | 26                         | 2.19              | 2.08           | 2.12                       | 57                      | 54                      | 55                         |
| Bulgaria .....                 | 35                     | 35                     | 35                         | 1.43              | 1.43           | 1.43                       | 50                      | 50                      | 50                         |
| Croatia .....                  | 24                     | 24                     | 24                         | 2.38              | 1.96           | 2.08                       | 57                      | 47                      | 50                         |
| Macedonia (Skopje) .....       | 3                      | 3                      | 3                          | 1.33              | 1.33           | 1.33                       | 4                       | 4                       | 4                          |
| Norway .....                   | 94                     | 83                     | 90                         | 4.22              | 4.01           | 4.44                       | 397                     | 333                     | 400                        |
| Romania .....                  | 225                    | 225                    | 225                        | 1.56              | 1.56           | 1.56                       | 350                     | 350                     | 350                        |
| Serbia and Montenegro .....    | 63                     | 65                     | 65                         | 1.52              | 1.92           | 1.92                       | 96                      | 125                     | 125                        |
| Switzerland .....              | 7                      | 7                      | 7                          | 5.00              | 5.00           | 5.00                       | 35                      | 35                      | 35                         |
| Total .....                    | 497                    | 488                    | 495                        | 2.13              | 2.08           | 2.19                       | 1,061                   | 1,013                   | 1,084                      |
| <b>Fmr. Soviet Union:</b>      |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Belarus .....                  | 300                    | 300                    | 250                        | 1.73              | 2.00           | 2.40                       | 520                     | 600                     | 600                        |
| Georgia .....                  | 5                      | 5                      | 7                          | 1.00              | 1.00           | 0.71                       | 5                       | 5                       | 5                          |
| Kazakhstan .....               | 100                    | 100                    | 100                        | 0.80              | 2.18           | 1.00                       | 80                      | 218                     | 100                        |
| Kyrgyzstan .....               | 3                      | 3                      | 3                          | 2.67              | 2.67           | 2.67                       | 8                       | 8                       | 8                          |
| Moldova .....                  | 1                      | 0                      | 0                          | 1.00              | 0.00           | 0.00                       | 1                       | 0                       | 0                          |
| Russian Fed. ....              | 4,500                  | 4,900                  | 4,400                      | 1.33              | 1.57           | 1.30                       | 6,000                   | 7,700                   | 5,700                      |
| Ukraine .....                  | 481                    | 559                    | 500                        | 1.83              | 2.00           | 1.90                       | 881                     | 1,116                   | 950                        |
| Total .....                    | 5,390                  | 5,867                  | 5,260                      | 1.39              | 1.64           | 1.40                       | 7,495                   | 9,647                   | 7,363                      |
| Turkey .....                   | 145                    | 145                    | 145                        | 1.72              | 1.72           | 1.72                       | 250                     | 250                     | 250                        |
| <b>Africa:</b>                 |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Algeria .....                  | 15                     | 50                     | 50                         | 0.53              | 0.88           | 0.70                       | 8                       | 44                      | 35                         |
| Morocco .....                  | 40                     | 40                     | 40                         | 0.75              | 0.75           | 0.75                       | 30                      | 30                      | 30                         |
| South Africa, Rep. of .....    | 700                    | 700                    | 700                        | 0.06              | 0.06           | 0.06                       | 45                      | 45                      | 45                         |
| Total .....                    | 755                    | 790                    | 790                        | 0.11              | 0.15           | 0.14                       | 83                      | 119                     | 110                        |
| <b>Asia:</b>                   |                        |                        |                            |                   |                |                            |                         |                         |                            |
| China, People's Republic ..... | 500                    | 500                    | 500                        | 1.20              | 1.20           | 1.20                       | 600                     | 600                     | 600                        |
| Japan .....                    | 1                      | 1                      | 1                          | 2.00              | 1.00           | 2.00                       | 2                       | 1                       | 2                          |
| Total .....                    | 501                    | 501                    | 501                        | 1.20              | 1.20           | 1.20                       | 602                     | 601                     | 602                        |
| <b>Oceania:</b>                |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Australia .....                | 698                    | 773                    | 718                        | 1.50              | 1.86           | 1.01                       | 1,050                   | 1,439                   | 725                        |
| New Zealand .....              | 20                     | 20                     | 20                         | 3.75              | 3.75           | 3.75                       | 75                      | 75                      | 75                         |
| Total .....                    | 718                    | 793                    | 738                        | 1.57              | 1.91           | 1.08                       | 1,125                   | 1,514                   | 800                        |
| World total .....              | 13,902                 | 14,289                 | 13,914                     | 1.87              | 1.90           | 1.83                       | 26,014                  | 27,096                  | 25,459                     |

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1994 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1994 and ends early in 1995. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 1-52.—Barley: Area, yield, production, and value, United States, 1994–2003**

| Year                    | Area                 |                    | Yield per harvested acre | Production           | Marketing year average price per bushel received by farmers <sup>2</sup> | Value of production <sup>2</sup> |
|-------------------------|----------------------|--------------------|--------------------------|----------------------|--|----------------------------------|
|                         | Planted <sup>1</sup> | Harvested          |                          |                      |  |                                  |
|                         | <i>1,000 acres</i>   | <i>1,000 acres</i> | <i>Bushels</i>           | <i>1,000 bushels</i> | <i>Dollars</i>   | <i>1,000 dollars</i>             |
| 1994 .....              | 7,159                | 6,667              | 56.2                     | 374,862              | 2.03   | 783,709                          |
| 1995 .....              | 6,689                | 6,279              | 57.2                     | 359,376              | 2.89   | 1,028,183                        |
| 1996 .....              | 7,094                | 6,707              | 58.5                     | 392,433              | 2.74   | 1,080,940                        |
| 1997 .....              | 6,706                | 6,198              | 58.1                     | 359,878              | 2.38   | 861,620                          |
| 1998 .....              | 6,325                | 5,854              | 60.1                     | 351,569              | 1.98   | 686,517                          |
| 1999 .....              | 4,983                | 4,573              | 59.5                     | 271,996              | 2.13   | 597,038                          |
| 2000 .....              | 5,801                | 5,200              | 61.1                     | 317,804              | 2.11   | 649,130                          |
| 2001 .....              | 4,951                | 4,273              | 58.1                     | 248,329              | 2.22   | 536,582                          |
| 2002 .....              | 5,008                | 4,123              | 55.0                     | 226,906              | 2.72   | 603,796                          |
| 2003 <sup>3</sup> ..... | 5,299                | 4,688              | 58.9                     | 276,087              | 2.90   | 765,783                          |

<sup>1</sup> Barley sown for all purposes, including barley sown in the preceding fall. <sup>2</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>3</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-53.—Barley: Stocks on and off farms, United States, 1994–2003**

| Year beginning September | On farms             |                      |                      |                      | Off farms <sup>1</sup> |                      |                      |                      |
|--------------------------|----------------------|----------------------|----------------------|----------------------|------------------------|----------------------|----------------------|----------------------|
|                          | Sep. 1               | Dec. 1               | Mar. 1               | June 1               | Sep. 1                 | Dec. 1               | Mar. 1               | June 1               |
|                          | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i>   | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> |
| 1994 .....               | 220,150              | 166,300              | 86,800               | 37,905               | 131,740                | 112,560              | 106,156              | 74,688               |
| 1995 .....               | 198,900              | 121,400              | 58,825               | 25,600               | 113,624                | 121,110              | 119,107              | 73,993               |
| 1996 .....               | 191,700              | 135,700              | 82,060               | 43,715               | 122,078                | 110,522              | 90,840               | 65,735               |
| 1997 .....               | 195,500              | 134,500              | 81,900               | 43,700               | 131,347                | 109,561              | 98,299               | 75,533               |
| 1998 .....               | 193,500              | 149,000              | 86,900               | 52,000               | 132,674                | 121,535              | 113,808              | 89,653               |
| 1999 .....               | 165,100              | 108,000              | 59,300               | 25,400               | 130,145                | 119,721              | 110,917              | 85,924               |
| 2000 .....               | 151,700              | 111,500              | 58,600               | 28,850               | 142,341                | 117,369              | 103,544              | 77,409               |
| 2001 .....               | 134,800              | 92,400               | 46,000               | 23,210               | 110,564                | 102,587              | 95,748               | 68,919               |
| 2002 .....               | 131,300              | 83,400               | 36,730               | 14,860               | 92,419                 | 86,601               | 86,710               | 54,480               |
| 2003 <sup>2</sup> .....  | 141,900              | 97,200               | NA                   | NA                   | 99,730                 | 100,684              | NA                   | NA                   |

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. <sup>2</sup> Preliminary. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 1-54.—Barley: Supply and disappearance, United States, 1994–2003**

| Year beginning June 1   | Supply                 |                        |                        |                        | Disappearance          |                            |                        |                        |                        | Ending stocks May 31        |                        |                        |
|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|----------------------------|------------------------|------------------------|------------------------|-----------------------------|------------------------|------------------------|
|                         | Beginning stocks       | Production             | Imports                | Total                  | Domestic use           |                            |                        | Exports                | Total disappearance    | Privately held <sup>1</sup> | Government             | Total                  |
|                         |                        |                        |                        |                        | Feed and residual      | Food, seed, and industrial | Total                  |                        |                        |                             |                        |                        |
|                         | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i>     | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million bushels</i>      | <i>Million bushels</i> | <i>Million bushels</i> |
| 1994 .....              | 139                    | 375                    | 66                     | 580                    | 228                    | 173                        | 401                    | 66                     | 467                    | 108                         | 5                      | 113                    |
| 1995 .....              | 113                    | 359                    | 41                     | 513                    | 179                    | 172                        | 351                    | 62                     | 413                    | 95                          | 4                      | 100                    |
| 1996 .....              | 100                    | 392                    | 37                     | 529                    | 217                    | 172                        | 389                    | 31                     | 419                    | 109                         | 0                      | 109                    |
| 1997 .....              | 109                    | 360                    | 40                     | 510                    | 144                    | 172                        | 316                    | 74                     | 390                    | 119                         | 0                      | 119                    |
| 1998 .....              | 119                    | 352                    | 30                     | 501                    | 161                    | 170                        | 331                    | 28                     | 360                    | 142                         | 0                      | 142                    |
| 1999 .....              | 142                    | 280                    | 28                     | 450                    | 136                    | 172                        | 308                    | 30                     | 338                    | 111                         | 0                      | 111                    |
| 2000 .....              | 111                    | 319                    | 29                     | 459                    | 123                    | 172                        | 295                    | 58                     | 353                    | 106                         | 0                      | 106                    |
| 2001 .....              | 106                    | 249                    | 24                     | 380                    | 88                     | 172                        | 260                    | 26                     | 287                    | 93                          | 0                      | 93                     |
| 2002 <sup>2</sup> ..... | 93                     | 227                    | 18                     | 338                    | 65                     | 173                        | 238                    | 30                     | 269                    | 69                          | 0                      | 69                     |
| 2003 <sup>3</sup> ..... | 69                     | 276                    | 15                     | 360                    | 65                     | 172                        | 237                    | 25                     | 262                    | 98                          | 0                      | 98                     |

<sup>1</sup> Includes quantity under loan and farmer-owned reserve. <sup>2</sup> Preliminary. <sup>3</sup> Projected as of February 10, 2004, World Agricultural Supply and Demand Estimates. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694-5296.

**Table 1-55.—Barley: Area, yield, and production, by States, 2001–2003**

| State    | Area planted <sup>1</sup> |             |                   | Area harvested |             |                   | Yield per harvested acre |         |                   | Production    |               |                   |
|----------|---------------------------|-------------|-------------------|----------------|-------------|-------------------|--------------------------|---------|-------------------|---------------|---------------|-------------------|
|          | 2001                      | 2002        | 2003 <sup>2</sup> | 2001           | 2002        | 2003 <sup>2</sup> | 2001                     | 2002    | 2003 <sup>2</sup> | 2001          | 2002          | 2003 <sup>2</sup> |
|          | 1,000 acres               | 1,000 acres | 1,000 acres       | 1,000 acres    | 1,000 acres | 1,000 acres       | Bushels                  | Bushels | Bushels           | 1,000 bushels | 1,000 bushels | 1,000 bushels     |
| AZ ..... | 42                        | 46          | 32                | 40             | 40          | 30                | 110.0                    | 110.0   | 118.0             | 4,400         | 4,400         | 3,540             |
| CA ..... | 160                       | 130         | 100               | 110            | 75          | 58                | 53.0                     | 71.0    | 64.0              | 5,830         | 5,325         | 3,712             |
| CO ..... | 90                        | 85          | 85                | 80             | 72          | 82                | 107.0                    | 104.0   | 109.0             | 8,560         | 7,488         | 8,938             |
| DE ..... | 29                        | 25          | 25                | 26             | 23          | 21                | 77.0                     | 83.0    | 59.0              | 2,002         | 1,909         | 1,239             |
| ID ..... | 700                       | 730         | 750               | 670            | 710         | 720               | 75.0                     | 77.0    | 66.0              | 50,250        | 54,670        | 47,520            |
| KS ..... | 9                         | 8           | 9                 | 8              | 7           | 8                 | 50.0                     | 37.0    | 57.0              | 400           | 259           | 456               |
| KY ..... | 9                         | 9           | 9                 | 8              | 7           | 8                 | 85.0                     | 65.0    | 75.0              | 680           | 455           | 600               |
| ME ..... | 28                        | 28          | 28                | 27             | 27          | 27                | 70.0                     | 80.0    | 65.0              | 1,890         | 2,160         | 1,755             |
| MD ..... | 44                        | 43          | 45                | 40             | 39          | 38                | 75.0                     | 82.0    | 57.0              | 3,000         | 3,198         | 2,166             |
| MI ..... | 15                        | 14          | 15                | 12             | 13          | 14                | 56.0                     | 51.0    | 56.0              | 672           | 663           | 784               |
| MN ..... | 160                       | 190         | 190               | 145            | 150         | 170               | 55.0                     | 41.0    | 75.0              | 7,975         | 6,150         | 12,750            |
| MT ..... | 1,100                     | 1,180       | 1,100             | 720            | 930         | 810               | 41.0                     | 42.0    | 39.0              | 29,520        | 39,060        | 31,590            |
| NE ..... | 5                         | 6           | 6                 | 4              | 4           | 4                 | 45.0                     | 32.0    | 50.0              | 180           | 128           | 200               |
| NV ..... | 4                         | 4           | 5                 | 1              | 2           | 3                 | 90.0                     | 97.0    | 80.0              | 90            | 194           | 240               |
| NJ ..... | 5                         | 4           | 4                 | 4              | 3           | 3                 | 54.0                     | 70.0    | 45.0              | 216           | 210           | 135               |
| NY ..... | 15                        | 11          | 14                | 12             | 10          | 12                | 51.0                     | 47.0    | 50.0              | 612           | 470           | 600               |
| NC ..... | 28                        | 25          | 20                | 18             | 17          | 14                | 67.0                     | 60.0    | 56.0              | 1,206         | 1,020         | 784               |
| ND ..... | 1,500                     | 1,600       | 2,050             | 1,450          | 1,300       | 1,980             | 55.0                     | 45.0    | 60.0              | 79,750        | 58,500        | 118,800           |
| OH ..... | 6                         | 7           | 7                 | 5              | 6           | 6                 | 76.0                     | 55.0    | 58.0              | 380           | 330           | 348               |
| OR ..... | 110                       | 78          | 70                | 100            | 68          | 60                | 45.0                     | 53.0    | 64.0              | 4,500         | 3,604         | 3,840             |
| PA ..... | 70                        | 70          | 75                | 60             | 60          | 65                | 70.0                     | 74.0    | 61.0              | 4,200         | 4,440         | 3,965             |
| SD ..... | 90                        | 80          | 75                | 78             | 45          | 55                | 52.0                     | 35.0    | 53.0              | 4,056         | 1,575         | 2,915             |
| UT ..... | 85                        | 70          | 45                | 65             | 34          | 35                | 68.0                     | 64.0    | 80.0              | 4,420         | 2,176         | 2,800             |
| VA ..... | 70                        | 75          | 75                | 50             | 41          | 45                | 75.0                     | 77.0    | 62.0              | 3,750         | 3,157         | 2,790             |
| WA ..... | 430                       | 350         | 320               | 420            | 340         | 310               | 50.0                     | 56.0    | 47.0              | 21,000        | 19,040        | 14,570            |
| WI ..... | 47                        | 55          | 55                | 35             | 35          | 35                | 52.0                     | 47.0    | 55.0              | 1,820         | 1,645         | 1,925             |
| WY ..... | 100                       | 85          | 90                | 85             | 65          | 75                | 82.0                     | 72.0    | 95.0              | 6,970         | 4,680         | 7,125             |
| US ....  | 4,951                     | 5,008       | 5,299             | 4,273          | 4,123       | 4,688             | 58.1                     | 55.0    | 58.9              | 248,329       | 226,906       | 276,087           |

<sup>1</sup> Includes area planted in the preceding fall. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 1-56.—Barley: Marketing year average price and value, by States, crop of 2001, 2002, and 2003<sup>1</sup>**

| State    | Marketing year average price per bushel |         |                   | Value of production |               |                   |
|----------|---|---------|-------------------|---------------------|---------------|-------------------|
|          | 2001                                    | 2002    | 2003 <sup>2</sup> | 2001                | 2002          | 2003 <sup>2</sup> |
|          | Dollars                                 | Dollars | Dollars           | 1,000 dollars       | 1,000 dollars | 1,000 dollars     |
| AZ ..... | 2.40                                    | 2.55    | 3.20              | 10,560              | 11,220        | 11,328            |
| CA ..... | 2.36                                    | 2.49    | 2.75              | 13,759              | 12,699        | 10,208            |
| CO ..... | 2.73                                    | 3.04    | 3.05              | 23,369              | 21,888        | 27,261            |
| DE ..... | 1.25                                    | 1.35    | 1.60              | 2,503               | 2,608         | 1,982             |
| ID ..... | 2.75                                    | 3.04    | 3.20              | 138,188             | 164,038       | 152,064           |
| KS ..... | 1.70                                    | 1.85    | 1.90              | 680                 | 440           | 866               |
| KY ..... | 1.43                                    | 1.51    | 1.80              | 972                 | 773           | 1,080             |
| ME ..... | 1.50                                    | 1.70    | 1.15              | 2,730               | 3,536         | 2,018             |
| MD ..... | 1.30                                    | 1.40    | 1.80              | 4,973               | 4,707         | 3,899             |
| MI ..... | 1.50                                    | 1.60    | 1.70              | 1,512               | 1,581         | 1,333             |
| MN ..... | 1.70                                    | 2.62    | 2.45              | 13,558              | 16,860        | 31,238            |
| MT ..... | 2.65                                    | 2.86    | 3.00              | 78,228              | 114,114       | 94,770            |
| NE ..... | 1.65                                    | 1.85    | 1.90              | 297                 | 398           | 380               |
| NV ..... | 2.65                                    | 3.00    | 3.30              | 239                 | 582           | 792               |
| NJ ..... | 1.25                                    | 1.60    | 1.95              | 270                 | 355           | 263               |
| NY ..... | 1.60                                    | 1.96    | 2.00              | 979                 | 921           | 1,200             |
| NC ..... | 1.50                                    | 1.75    | 1.90              | 1,809               | 2,415         | 1,490             |
| ND ..... | 1.71                                    | 2.56    | 2.70              | 136,373             | 146,022       | 320,760           |
| OH ..... | 1.50                                    | 1.70    | 1.75              | 570                 | 408           | 609               |
| OR ..... | 2.06                                    | 2.36    | 2.50              | 9,270               | 8,024         | 9,600             |
| PA ..... | 1.51                                    | 1.70    | 1.95              | 6,342               | 7,548         | 7,732             |
| SD ..... | 2.00                                    | 2.51    | 2.40              | 8,112               | 4,631         | 6,996             |
| UT ..... | 2.14                                    | 2.42    | 2.25              | 9,459               | 6,970         | 6,300             |
| VA ..... | 1.28                                    | 1.44    | 1.55              | 4,800               | 4,435         | 4,325             |
| WA ..... | 1.96                                    | 2.60    | 2.70              | 41,160              | 47,736        | 39,339            |
| WI ..... | 1.50                                    | 1.70    | 1.75              | 2,730               | 3,060         | 3,369             |
| WY ..... | 3.32                                    | 3.23    | 3.45              | 23,140              | 15,827        | 24,581            |
| US ..... | 2.22                                    | 2.72    | 2.90              | 536,582             | 603,796       | 765,783           |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 1-57.—Barley: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>**

| Continent and country          | Area <sup>2</sup> |                |                        | Yield per hectare |             |                        | Production        |                   |                        |
|--------------------------------|-------------------|----------------|------------------------|-------------------|-------------|------------------------|-------------------|-------------------|------------------------|
|                                | 2000/2001         | 2001/2002      | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002   | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002         | 2002/2003 <sup>3</sup> |
|                                | 1,000 hectares    | 1,000 hectares | 1,000 hectares         | Metric tons       | Metric tons | Metric tons            | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons      |
| <b>North America:</b>          |                   |                |                        |                   |             |                        |                   |                   |                        |
| Canada .....                   | 4,551             | 4,150          | 3,348                  | 2.89              | 2.61        | 2.24                   | 13,172            | 10,846            | 7,489                  |
| Mexico .....                   | 309               | 315            | 320                    | 2.49              | 2.43        | 2.41                   | 770               | 767               | 770                    |
| United States .....            | 2,110             | 1,736          | 1,671                  | 3.29              | 3.13        | 2.95                   | 6,939             | 5,430             | 4,933                  |
| Total .....                    | 6,970             | 6,201          | 5,339                  | 3.00              | 2.75        | 2.47                   | 20,881            | 17,043            | 13,192                 |
| <b>South America:</b>          |                   |                |                        |                   |             |                        |                   |                   |                        |
| Argentina .....                | 245               | 240            | 254                    | 2.93              | 2.17        | 2.20                   | 718               | 521               | 558                    |
| Bolivia .....                  | 64                | 64             | 64                     | 1.42              | 1.42        | 1.42                   | 91                | 91                | 91                     |
| Brazil .....                   | 141               | 155            | 120                    | 2.01              | 1.52        | 2.42                   | 283               | 235               | 290                    |
| Chile .....                    | 15                | 17             | 17                     | 4.33              | 4.53        | 4.06                   | 65                | 77                | 69                     |
| Colombia .....                 | 10                | 10             | 10                     | 2.00              | 2.00        | 2.00                   | 20                | 20                | 20                     |
| Ecuador .....                  | 35                | 35             | 35                     | 1.00              | 1.00        | 1.00                   | 35                | 35                | 35                     |
| Peru .....                     | 155               | 150            | 154                    | 1.20              | 1.18        | 1.30                   | 186               | 177               | 200                    |
| Uruguay .....                  | 88                | 129            | 103                    | 2.43              | 0.91        | 1.72                   | 214               | 118               | 177                    |
| Total .....                    | 753               | 800            | 757                    | 2.14              | 1.59        | 1.90                   | 1,612             | 1,274             | 1,440                  |
| <b>European Union:</b>         |                   |                |                        |                   |             |                        |                   |                   |                        |
| Austria .....                  | 224               | 218            | 216                    | 3.82              | 4.64        | 4.26                   | 855               | 1,012             | 921                    |
| Belgium-Luxembourg .....       | 59                | 63             | 57                     | 6.54              | 6.75        | 7.00                   | 386               | 425               | 399                    |
| Denmark .....                  | 741               | 744            | 825                    | 5.37              | 5.33        | 5.00                   | 3,980             | 3,966             | 4,121                  |
| Finland .....                  | 559               | 543            | 522                    | 3.55              | 3.29        | 3.33                   | 1,985             | 1,786             | 1,739                  |
| France .....                   | 1,535             | 1,705          | 1,643                  | 6.33              | 5.75        | 6.69                   | 9,716             | 9,807             | 10,988                 |
| Germany .....                  | 2,068             | 2,112          | 1,970                  | 5.85              | 6.39        | 5.55                   | 12,106            | 13,495            | 10,928                 |
| Greece .....                   | 165               | 130            | 110                    | 2.50              | 1.92        | 1.82                   | 413               | 249               | 200                    |
| Ireland .....                  | 181               | 182            | 176                    | 6.24              | 7.02        | 5.47                   | 1,129             | 1,277             | 963                    |
| Italy .....                    | 344               | 333            | 343                    | 3.67              | 3.38        | 3.47                   | 1,262             | 1,126             | 1,190                  |
| Netherlands .....              | 47                | 66             | 57                     | 6.13              | 5.86        | 5.53                   | 288               | 387               | 315                    |
| Portugal .....                 | 22                | 12             | 12                     | 1.64              | 1.08        | 1.67                   | 36                | 13                | 20                     |
| Spain .....                    | 3,307             | 2,994          | 3,100                  | 3.41              | 2.09        | 2.69                   | 11,283            | 6,245             | 8,333                  |
| Sweden .....                   | 409               | 395            | 408                    | 4.00              | 4.16        | 4.36                   | 1,634             | 1,642             | 1,778                  |
| United Kingdom .....           | 1,128             | 1,245          | 1,101                  | 5.76              | 5.35        | 5.57                   | 6,492             | 6,660             | 6,128                  |
| Total .....                    | 10,789            | 10,742         | 10,540                 | 4.78              | 4.48        | 4.56                   | 51,565            | 48,090            | 48,023                 |
| <b>EU Accession Countries:</b> |                   |                |                        |                   |             |                        |                   |                   |                        |
| Cyprus .....                   | 45                | 45             | 45                     | 0.84              | 2.56        | 2.22                   | 38                | 115               | 100                    |
| Czech Republic .....           | 495               | 495            | 488                    | 3.29              | 3.97        | 3.67                   | 1,629             | 1,966             | 1,793                  |
| Estonia .....                  | 165               | 136            | 132                    | 2.11              | 2.09        | 1.89                   | 348               | 284               | 250                    |
| Hungary .....                  | 325               | 368            | 372                    | 2.77              | 3.53        | 2.96                   | 900               | 1,300             | 1,100                  |
| Latvia .....                   | 135               | 130            | 137                    | 1.93              | 1.78        | 1.57                   | 261               | 231               | 215                    |
| Lithuania .....                | 353               | 336            | 365                    | 2.44              | 2.40        | 2.39                   | 860               | 805               | 871                    |
| Malta & Gozo .....             | 1                 | 1              | 1                      | 2.00              | 2.00        | 2.00                   | 2                 | 2                 | 2                      |
| Poland .....                   | 1,096             | 1,071          | 1,059                  | 2.54              | 3.11        | 3.18                   | 2,783             | 3,330             | 3,369                  |
| Slovakia .....                 | 199               | 200            | 220                    | 1.99              | 3.50        | 3.16                   | 397               | 700               | 695                    |
| Slovenia .....                 | 11                | 11             | 11                     | 3.00              | 3.00        | 3.00                   | 33                | 33                | 33                     |
| Total .....                    | 2,825             | 2,793          | 2,830                  | 2.57              | 3.14        | 2.98                   | 7,251             | 8,766             | 8,428                  |
| <b>Other Europe:</b>           |                   |                |                        |                   |             |                        |                   |                   |                        |
| Albania .....                  | 10                | 10             | 10                     | 3.00              | 3.00        | 3.00                   | 30                | 30                | 30                     |
| Bosnia-Herzegovina .....       | 23                | 23             | 23                     | 2.30              | 2.39        | 2.39                   | 53                | 55                | 55                     |
| Bulgaria .....                 | 240               | 260            | 350                    | 2.29              | 2.88        | 2.86                   | 550               | 750               | 1,000                  |
| Croatia .....                  | 45                | 45             | 48                     | 2.78              | 3.58        | 3.56                   | 125               | 161               | 171                    |
| Macedonia (Skopje) .....       | 53                | 50             | 50                     | 2.64              | 2.20        | 2.40                   | 140               | 110               | 120                    |
| Norway .....                   | 161               | 173            | 175                    | 3.57              | 3.54        | 3.71                   | 574               | 612               | 650                    |
| Romania .....                  | 213               | 316            | 296                    | 2.68              | 3.34        | 2.23                   | 570               | 1,055             | 660                    |
| Serbia and Montenegro .....    | 111               | 120            | 120                    | 2.27              | 2.50        | 2.50                   | 252               | 300               | 300                    |
| Switzerland .....              | 46                | 44             | 45                     | 6.15              | 5.70        | 6.67                   | 283               | 251               | 300                    |
| Total E. Europe .....          | 902               | 1,041          | 1,117                  | 2.86              | 3.19        | 2.94                   | 2,577             | 3,324             | 3,286                  |

See footnotes at end of table.

**Table 1-57.—Barley: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>—Continued**

| Continent and country        | Area <sup>2</sup>      |                        |                            | Yield per hectare |                |                            | Production              |                         |                            |
|------------------------------|------------------------|------------------------|----------------------------|-------------------|----------------|----------------------------|-------------------------|-------------------------|----------------------------|
|                              | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001           | 2001/<br>2002           | 2002/<br>2003 <sup>3</sup> |
|                              | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares     | Metric<br>tons    | Metric<br>tons | Metric<br>tons             | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons    |
| Fmr. Soviet Union:           |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Armenia .....                | 65                     | 85                     | 35                         | 0.92              | 1.41           | 2.29                       | 60                      | 120                     | 80                         |
| Azerbaijan .....             | 109                    | 130                    | 132                        | 1.38              | 2.31           | 2.20                       | 150                     | 300                     | 290                        |
| Belarus .....                | 850                    | 850                    | 600                        | 2.00              | 2.24           | 2.67                       | 1,700                   | 1,900                   | 1,600                      |
| Georgia .....                | 20                     | 44                     | 40                         | 0.75              | 2.27           | 1.38                       | 15                      | 100                     | 55                         |
| Kazakhstan .....             | 1,625                  | 1,700                  | 1,750                      | 1.03              | 1.29           | 1.26                       | 1,675                   | 2,200                   | 2,200                      |
| Kyrgyzstan .....             | 100                    | 65                     | 65                         | 1.50              | 2.31           | 2.54                       | 150                     | 150                     | 165                        |
| Moldova .....                | 105                    | 100                    | 100                        | 1.24              | 2.35           | 2.50                       | 130                     | 235                     | 250                        |
| Russian Fed. ....            | 9,200                  | 10,200                 | 10,250                     | 1.53              | 1.91           | 1.82                       | 14,100                  | 19,500                  | 18,700                     |
| Tajikistan .....             | 30                     | 30                     | 30                         | 0.70              | 0.67           | 1.83                       | 21                      | 20                      | 55                         |
| Turkmenistan .....           | 20                     | 20                     | 20                         | 1.00              | 1.00           | 1.00                       | 20                      | 20                      | 20                         |
| Ukraine .....                | 3,690                  | 3,921                  | 4,150                      | 1.86              | 2.60           | 2.49                       | 6,872                   | 10,186                  | 10,350                     |
| Uzbekistan .....             | 75                     | 75                     | 75                         | 1.60              | 2.67           | 2.67                       | 120                     | 200                     | 200                        |
| <b>Total .....</b>           | <b>15,889</b>          | <b>17,220</b>          | <b>17,247</b>              | <b>1.57</b>       | <b>2.03</b>    | <b>1.97</b>                | <b>25,013</b>           | <b>34,931</b>           | <b>33,965</b>              |
| Middle East:                 |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Iran .....                   | 1,300                  | 1,300                  | 1,400                      | 1.08              | 1.15           | 1.64                       | 1,400                   | 1,500                   | 2,300                      |
| Iraq .....                   | 1,200                  | 1,200                  | 1,300                      | 0.29              | 0.46           | 0.77                       | 350                     | 550                     | 1,000                      |
| Israel .....                 | 8                      | 5                      | 10                         | 0.50              | 1.00           | 0.80                       | 4                       | 5                       | 8                          |
| Jordan .....                 | 16                     | 25                     | 49                         | 0.81              | 0.96           | 1.29                       | 13                      | 24                      | 63                         |
| Lebanon .....                | 5                      | 5                      | 5                          | 1.20              | 1.20           | 1.20                       | 6                       | 6                       | 6                          |
| Saudi Arabia .....           | 17                     | 17                     | 17                         | 5.88              | 5.88           | 5.88                       | 100                     | 100                     | 100                        |
| Syria .....                  | 250                    | 1,400                  | 1,400                      | 0.52              | 0.93           | 0.57                       | 130                     | 1,300                   | 800                        |
| Turkey .....                 | 3,600                  | 3,500                  | 3,550                      | 2.06              | 1.97           | 2.08                       | 7,400                   | 6,900                   | 7,400                      |
| Yemen .....                  | 50                     | 50                     | 50                         | 1.00              | 1.00           | 1.00                       | 50                      | 50                      | 50                         |
| <b>Total .....</b>           | <b>6,446</b>           | <b>7,502</b>           | <b>7,781</b>               | <b>1.47</b>       | <b>1.39</b>    | <b>1.51</b>                | <b>9,453</b>            | <b>10,435</b>           | <b>11,727</b>              |
| Africa:                      |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Algeria .....                | 216                    | 515                    | 400                        | 0.75              | 1.11           | 0.90                       | 163                     | 574                     | 358                        |
| Egypt .....                  | 55                     | 55                     | 55                         | 3.09              | 3.09           | 3.09                       | 170                     | 170                     | 170                        |
| Eritrea .....                | 46                     | 48                     | 40                         | 0.57              | 0.94           | 0.60                       | 26                      | 45                      | 24                         |
| Ethiopia .....               | 1,450                  | 1,325                  | 1,285                      | 1.10              | 1.09           | 0.93                       | 1,600                   | 1,450                   | 1,200                      |
| Kenya .....                  | 70                     | 70                     | 70                         | 1.07              | 1.07           | 1.07                       | 75                      | 75                      | 75                         |
| Libya .....                  | 280                    | 280                    | 280                        | 0.30              | 0.30           | 0.30                       | 85                      | 85                      | 85                         |
| Morocco .....                | 2,251                  | 2,126                  | 2,002                      | 0.21              | 0.54           | 0.83                       | 467                     | 1,155                   | 1,669                      |
| South Africa, Rep. of .....  | 72                     | 79                     | 72                         | 1.72              | 1.99           | 2.54                       | 124                     | 157                     | 183                        |
| Tunisia .....                | 260                    | 250                    | 400                        | 0.77              | 0.60           | 0.23                       | 200                     | 150                     | 90                         |
| Zimbabwe .....               | 5                      | 5                      | 3                          | 6.40              | 5.00           | 5.67                       | 32                      | 25                      | 17                         |
| <b>Total .....</b>           | <b>4,705</b>           | <b>4,753</b>           | <b>4,607</b>               | <b>0.63</b>       | <b>0.82</b>    | <b>0.84</b>                | <b>2,942</b>            | <b>3,886</b>            | <b>3,871</b>               |
| Asia:                        |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Afghanistan .....            | 124                    | 87                     | 236                        | 0.60              | 1.00           | 1.46                       | 74                      | 87                      | 345                        |
| Bangladesh .....             | 7                      | 7                      | 7                          | 0.71              | 0.71           | 0.71                       | 5                       | 5                       | 5                          |
| Bhutan .....                 | 5                      | 5                      | 5                          | 1.00              | 1.00           | 1.00                       | 5                       | 5                       | 5                          |
| China, Peoples Rep. of ..... | 791                    | 770                    | 725                        | 3.35              | 3.76           | 3.41                       | 2,646                   | 2,893                   | 2,470                      |
| India .....                  | 725                    | 754                    | 750                        | 2.00              | 1.90           | 2.00                       | 1,447                   | 1,432                   | 1,500                      |
| Japan .....                  | 54                     | 61                     | 64                         | 3.96              | 3.38           | 3.39                       | 214                     | 206                     | 217                        |
| Korea, Rep. of .....         | 68                     | 79                     | 91                         | 3.37              | 4.85           | 3.30                       | 229                     | 383                     | 300                        |
| Nepal .....                  | 40                     | 40                     | 40                         | 1.00              | 1.00           | 1.00                       | 40                      | 40                      | 40                         |
| Pakistan .....               | 160                    | 160                    | 160                        | 1.00              | 1.03           | 1.03                       | 160                     | 165                     | 165                        |
| <b>Total .....</b>           | <b>1,974</b>           | <b>1,963</b>           | <b>2,078</b>               | <b>2.44</b>       | <b>2.66</b>    | <b>2.43</b>                | <b>4,820</b>            | <b>5,216</b>            | <b>5,047</b>               |
| Oceania:                     |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Australia .....              | 3,675                  | 3,724                  | 3,062                      | 1.83              | 2.26           | 1.07                       | 6,743                   | 8,423                   | 3,268                      |
| New Zealand .....            | 80                     | 80                     | 80                         | 5.00              | 5.00           | 5.00                       | 400                     | 400                     | 400                        |
| <b>Total .....</b>           | <b>3,755</b>           | <b>3,804</b>           | <b>3,142</b>               | <b>1.90</b>       | <b>2.32</b>    | <b>1.17</b>                | <b>7,143</b>            | <b>8,823</b>            | <b>3,668</b>               |
| <b>World total .....</b>     | <b>55,008</b>          | <b>56,819</b>          | <b>55,438</b>              | <b>2.42</b>       | <b>2.50</b>    | <b>2.39</b>                | <b>133,257</b>          | <b>141,788</b>          | <b>132,647</b>             |

<sup>1</sup> Years shown refer to year of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1994 is combined with estimates of the Southern Hemisphere harvests, which begin late in 1994 and end early in 1995. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.



**Table 1-58.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1993–2002**

| Calendar year <sup>1</sup> | Wheat                       |   |               |                             | Rye                                 |                             | Rice (milled)          |  |
|----------------------------|-----------------------------|---|---------------|-----------------------------|-------------------------------------|-----------------------------|------------------------|--|
|                            | Total consumed <sup>2</sup> | Per capita consumption of food products |               | Total consumed <sup>2</sup> | Per capita consumption of rye flour | Total consumed <sup>4</sup> | Per capita consumption |  |
|                            |                             | Flour <sup>3</sup>                      | Cereal        |                             |                                     |                             |                        |  |
|                            | <i>Million bushels</i>      | <i>Pounds</i>                           | <i>Pounds</i> | <i>Million bushels</i>      | <i>Pounds</i>                       | <i>Million cwt.</i>         | <i>Pounds</i>          |  |
| 1993 .....                 | 853                         | 142                                     | 4.2           | 3.3                         | 0.6                                 | 49.2                        | 18.0                   |  |
| 1994 .....                 | 871                         | 143                                     | 4.1           | 3.6                         | 0.6                                 | 51.1                        | 19.3                   |  |
| 1995 .....                 | 858                         | 140                                     | 4.1           | 3.2                         | 0.5                                 | 52.1                        | 19.4                   |  |
| 1996 .....                 | 896                         | 146                                     | 4.0           | 3.5                         | 0.6                                 | 53.2                        | 19.6                   |  |
| 1997 .....                 | 902                         | 147                                     | 3.9           | 3.3                         | 0.5                                 | 54.3                        | 19.8                   |  |
| 1998 .....                 | 909                         | 143                                     | 3.9           | 3.6                         | 0.6                                 | 56.9                        | 20.5                   |  |
| 1999 .....                 | 929                         | 144                                     | 3.8           | 3.3                         | 0.6                                 | 59.3                        | 21.1                   |  |
| 2000 .....                 | 950                         | 146                                     | 3.8           | 3.3                         | 0.6                                 | 61.1                        | 21.5                   |  |
| 2001 .....                 | 926                         | 141                                     | 3.8           | 3.3                         | 0.6                                 | 63.1                        | 21.9                   |  |
| 2002 <sup>9</sup> .....    | 918                         | 137                                     | 3.7           | 3.3                         | 0.4                                 | 64.7                        | 22.2                   |  |

  

| Calendar year <sup>1</sup> | Corn                        |   |                  |               |               |               | Oats                        |   | Barley                      |  |
|----------------------------|-----------------------------|---|------------------|---------------|---------------|---------------|-----------------------------|---|-----------------------------|--|
|                            | Total consumed <sup>5</sup> | Per capita consumption of food products |                  |               |               |               | Total consumed <sup>6</sup> | Per capita consumption of oat food products | Total consumed <sup>7</sup> | Per capita consumption of food products <sup>8</sup> |
|                            |                             | Flour and meal                          | Hominy and grits | Syrup         | Dextrose      | Starch        |                             |   |                             |  |
|                            | <i>Million bushels</i>      | <i>Pounds</i>                           | <i>Pounds</i>    | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Million bushels</i>      | <i>Pounds</i>                               | <i>Million bushels</i>      | <i>Pounds</i>  |
| 1993 .....                 | 834                         | 15.6                                    | 3.1              | 70.2          | 3.7           | 4.4           | 73                          | 6.0   | 6.2                         | 0.7  |
| 1994 .....                 | 873                         | 15.9                                    | 3.6              | 72.1          | 3.8           | 4.5           | 70                          | 5.7   | 6.3                         | 0.7  |
| 1995 .....                 | 900                         | 16.2                                    | 4.0              | 73.9          | 4.0           | 4.7           | 67                          | 5.4   | 6.4                         | 0.7  |
| 1996 .....                 | 937                         | 16.5                                    | 4.5              | 74.2          | 4.0           | 4.9           | 63                          | 5.0   | 6.5                         | 0.7  |
| 1997 .....                 | 966                         | 16.7                                    | 4.9              | 77.7          | 3.7           | 4.8           | 59                          | 4.6   | 6.4                         | 0.7  |
| 1998 .....                 | 974                         | 17.0                                    | 5.3              | 79.0          | 3.6           | 4.8           | 57                          | 4.4   | 6.4                         | 0.7  |
| 1999 .....                 | 990                         | 17.3                                    | 5.8              | 80.0          | 3.5           | 4.7           | 56.8                        | 4.4   | 6.4                         | 0.7  |
| 2000 .....                 | 976                         | 17.5                                    | 6.2              | 78.5          | 3.4           | 4.7           | 56.7                        | 4.3   | 6.4                         | 0.7  |
| 2001 .....                 | 986                         | 17.8                                    | 6.6              | 77.9          | 3.3           | 4.6           | 59.2                        | 4.5   | 6.3                         | 0.7  |
| 2002 <sup>9</sup> .....    | 981                         | 18.1                                    | 7.0              | 78.1          | 3.3           | 4.6           | 60.2                        | 4.5   | 6.4                         | 0.7  |

<sup>1</sup>Data are in marketing year; for corn, September 1-August 31; for oats and barley, June 1-May 31; and rice, August 1-July 31. Wheat, rye, syrup, and sugar are in calendar year. <sup>2</sup>Excludes quantities used in alcoholic beverages. <sup>3</sup>Includes white, whole wheat, and semolina flour. <sup>4</sup>Does not include shipments to U.S. territories. Excludes rice used in alcoholic beverages. Includes imports and rice used in processed foods and pet foods. <sup>5</sup>Includes an allowance for the quantity used as hominy and grits. This series is not adjusted for trade. <sup>6</sup>Oats used in oatmeal, prepared breakfast foods, infant foods, and food products. <sup>7</sup>Malt for food, breakfast food uses, pearl barley, and flour. <sup>8</sup>Malt equivalent of barley food products. <sup>9</sup>Preliminary. Estimates of corn syrup and sugar are unofficial estimates; industry data were not reported after April 1968.

ERS, Market & Trade Economics Division, (202) 694-5290. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies.

**Table 1-59.—Barley: Support operations, United States, 1994–2003**

| Marketing year beginning June 1 | Income support payment rates per bushel <sup>1</sup> | Program price levels per bushel |                     | Put under support <sup>4</sup> |                          | Acquired by CCC under loan program <sup>5</sup> | Owned by CCC at end of marketing year |
|---------------------------------|--|---------------------------------|---------------------|--------------------------------|--------------------------|---|---------------------------------------|
|                                 |  | Loan <sup>2</sup>               | Target <sup>3</sup> | Quantity                       | Percentage of production |   |                                       |
|                                 | <i>Dollars</i>                                       | <i>Dollars</i>                  | <i>Dollars</i>      | <i>Million bushels</i>         | <i>Percent</i>           | <i>Million bushels</i>                          | <i>Million bushels</i>                |
| 1994/95 .....                   | 0.52   | 1.54                            | 2.36                | 28.2                           | 7.5                      | 0.0   | 5.0                                   |
| 1995/96 .....                   | 0.00   | 1.54                            | 2.36                | 18.0                           | 5.0                      | 0.0   | 4.2                                   |
| 1996/97 .....                   | 0.33   | 1.55                            | NA                  | 28.7                           | 7.3                      | 0.0   | 0.0                                   |
| 1997/98 .....                   | 0.28   | 1.57                            | NA                  | 33.3                           | 9.3                      | 1.5   | 0.0                                   |
| 1998/99 .....                   | 0.43   | 1.56                            | NA                  | 25.9                           | 7.4                      | 3.6   | 0.3                                   |
| 1999/2000 .....                 | 0.54   | 1.59                            | NA                  | 13.6                           | 4.9                      | 1.3   | 0.1                                   |
| 2000/2001 .....                 | 0.52   | 1.62                            | NA                  | 16.0                           | 5.0                      | 0.7   | 0.1                                   |
| 2001/2002 .....                 | 0.44   | 1.65                            | NA                  | 10.6                           | 4.2                      | 0.2   | 0.0                                   |
| 2002/2003 .....                 | 0.24/0.00  | 1.88                            | 2.21                | 10.4                           | 4.6                      | 0.0   | 0.0                                   |
| 2003/2004 .....                 | 0.24/---   | 1.88                            | 2.21                | .....                          | .....                    | .....   | .....                                 |

<sup>1</sup>Payment rates for the 1995/96 and prior crop years were calculated according to the deficiency payment/production adjustment program provisions. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the Production Flexibility Contract (PFC) program provisions of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and include supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the Direct and Counter-cyclical program provisions, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). Payment rates are rounded to the nearest cent. Beginning with 2002/2003, the first entry is the direct payment rate and the second entry is the counter-cyclical payment rate. <sup>2</sup>The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup>Between the 1996/97 and 2001/2002 marketing years, target prices were not longer applicable; however, target prices were reestablished under the 2002 Act. <sup>4</sup>Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. Excludes quantity on which loan deficiency payments were made. <sup>5</sup>Acquisition of all loans forfeited during the marketing year. For 2002/2003, as of September 30, 2003. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-8838.

**Table 1-60.—Sorghum: Area, yield, production, and value, United States, 1994–2003**

| Year                    | Area planted for all purposes <sup>1</sup> | Sorghum for grain <sup>2</sup> |                          |               |   | Sorghum for silage                 |                |                          |            |
|-------------------------|--|--------------------------------|--------------------------|---------------|---|------------------------------------|----------------|--------------------------|------------|
|                         |  | Area harvested                 | Yield per harvested acre | Production    | Marketing year average price per cwt <sup>3,4</sup> | Value of production <sup>3,4</sup> | Area harvested | Yield per harvested acre | Production |
|                         | 1,000 acres                                | 1,000 acres                    | Bushels                  | 1,000 bushels | Dollars   | 1,000 dollars                      | 1,000 acres    | Tons                     | 1,000 tons |
| 1994 .....              | 9,787                                      | 8,882                          | 72.7                     | 645,741       | 3.80  | 1,317,149                          | 362            | 11.9                     | 4,316      |
| 1995 .....              | 9,429                                      | 8,253                          | 55.6                     | 458,648       | 5.69  | 1,389,772                          | 413            | 10.3                     | 4,242      |
| 1996 .....              | 13,097                                     | 11,811                         | 67.3                     | 795,274       | 4.17  | 1,986,316                          | 423            | 11.8                     | 4,976      |
| 1997 .....              | 10,052                                     | 9,158                          | 69.2                     | 633,545       | 3.95  | 1,408,909                          | 412            | 13.1                     | 5,385      |
| 1998 .....              | 9,626                                      | 7,723                          | 67.3                     | 519,933       | 2.97  | 905,468                            | 308            | 11.4                     | 3,526      |
| 1999 .....              | 9,288                                      | 8,544                          | 69.7                     | 595,166       | 2.80  | 937,406                            | 320            | 11.6                     | 3,716      |
| 2000 .....              | 9,195                                      | 7,726                          | 60.9                     | 470,526       | 3.37  | 847,075                            | 278            | 10.5                     | 2,932      |
| 2001 .....              | 10,248                                     | 8,579                          | 59.9                     | 514,040       | 3.46  | 979,794                            | 352            | 11.0                     | 3,860      |
| 2002 .....              | 9,589                                      | 7,125                          | 50.6                     | 360,713       | 4.14  | 876,471                            | 408            | 9.6                      | 3,913      |
| 2003 <sup>5</sup> ..... | 9,420                                      | 7,798                          | 52.7                     | 411,237       | 4.40  | 965,822                            | 343            | 10.4                     | 3,552      |

<sup>1</sup> Grain and sweet sorghum for all uses, including sirup. <sup>2</sup> Includes both grain sorghum for grain, and sweet sorghum for grain or seed. <sup>3</sup> Based on the reported price of grain sorghum. <sup>4</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>5</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-61.—Sorghum grain: Stocks on and off farms, United States, 1995–2004**

| Year beginning previous Dec. | On farms      |               |               |               | Off farms <sup>1</sup> |               |               |               |
|------------------------------|---------------|---------------|---------------|---------------|------------------------|---------------|---------------|---------------|
|                              | Dec. 1        | Mar. 1        | Jun. 1        | Sep. 1        | Dec. 1                 | Mar. 1        | Jun. 1        | Sep. 1        |
|                              | 1,000 bushels | 1,000 bushels | 1,000 bushels | 1,000 bushels | 1,000 bushels          | 1,000 bushels | 1,000 bushels | 1,000 bushels |
| 1995 .....                   | 126,650       | 74,620        | 44,570        | 17,842        | 295,809                | 206,312       | 114,212       | 53,772        |
| 1996 .....                   | 79,090        | 33,000        | 13,955        | 5,500         | 222,149                | 129,641       | 56,433        | 12,871        |
| 1997 .....                   | 144,590       | 76,980        | 38,815        | 15,487        | 322,818                | 197,374       | 80,329        | 31,974        |
| 1998 .....                   | 99,625        | 56,760        | 27,200        | 13,700        | 274,244                | 177,916       | 68,944        | 35,203        |
| 1999 .....                   | 95,900        | 60,900        | 27,400        | 13,800        | 239,416                | 161,536       | 88,680        | 51,363        |
| 2000 .....                   | 90,300        | 51,700        | 27,300        | 12,200        | 259,136                | 173,932       | 99,606        | 53,175        |
| 2001 .....                   | 74,300        | 40,100        | 19,000        | 8,900         | 187,681                | 127,027       | 57,411        | 32,851        |
| 2002 .....                   | 72,400        | 38,100        | 17,300        | 7,400         | 241,477                | 156,007       | 88,178        | 53,573        |
| 2003 .....                   | 53,600        | 27,500        | 11,150        | 4,500         | 178,252                | 135,423       | 70,744        | 38,530        |
| 2004 .....                   | 45,200        | NA            | NA            | NA            | 188,507                | NA            | NA            | NA            |

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 1-62.—Sorghum: Supply and disappearance, United States, 1994–2003**

| Year beginning September 1 | Supply           |                 |                 | Disappearance     |                           |                 |                 |                     | Ending stocks Aug. 31        |                 |                 |
|----------------------------|------------------|-----------------|-----------------|-------------------|---------------------------|-----------------|-----------------|---------------------|------------------------------|-----------------|-----------------|
|                            | Beginning stocks | Production      | Total           | Domestic use      |                           |                 | Exports         | Total disappearance | Privately owned <sup>1</sup> | Government      | Total           |
|                            |                  |                 |                 | Feed and residual | Food, seed and industrial | Total           |                 |                     |                              |                 |                 |
|                            | Million bushels  | Million bushels | Million bushels | Million bushels   | Million bushels           | Million bushels | Million bushels | Million bushels     | Million bushels              | Million bushels | Million bushels |
| 1994 ....                  | 48               | 646             | 693             | 377               | 22                        | 399             | 223             | 622                 | 71                           | 1               | 72              |
| 1995 ....                  | 72               | 459             | 530             | 295               | 19                        | 314             | 198             | 512                 | 18                           | 0               | 18              |
| 1996 ....                  | 18               | 795             | 814             | 516               | 45                        | 561             | 205             | 766                 | 47                           | 0               | 47              |
| 1997 ....                  | 47               | 634             | 681             | 365               | 55                        | 420             | 212             | 632                 | 49                           | 0               | 49              |
| 1998 ....                  | 49               | 520             | 569             | 262               | 45                        | 307             | 197             | 504                 | 65                           | 0               | 65              |
| 1999 ....                  | 65               | 595             | 660             | 285               | 55                        | 340             | 255             | 595                 | 65                           | 0               | 65              |
| 2000 ....                  | 65               | 471             | 536             | 222               | 35                        | 258             | 237             | 494                 | 41                           | 1               | 42              |
| 2001 ....                  | 42               | 515             | 556             | 230               | 23                        | 253             | 242             | 495                 | 61                           | 0               | 61              |
| 2002 <sup>2</sup> ..       | 61               | 370             | 431             | 178               | 24                        | 202             | 186             | 388                 | 43                           | 0               | 43              |
| 2003 <sup>3</sup> ..       | 43               | 411             | 454             | 165               | 25                        | 190             | 210             | 400                 | 54                           | 0               | 54              |

<sup>1</sup> Includes quantity under loan and farmer-owned reserve. <sup>2</sup> Preliminary. <sup>3</sup> Projected as of February 10, 2004, World Agricultural and Supply Demand Estimates. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694-5296.

**Table 1-63.—Sorghum: Area, yield, and production, by States, 2001–2003**

| State    | Area planted for all purposes |             |                   | Sorghum for grain |             |                   |                          |          |                   |               |               |                   |
|----------|-------------------------------|-------------|-------------------|-------------------|-------------|-------------------|--------------------------|----------|-------------------|---------------|---------------|-------------------|
|          |                               |             |                   | Area harvested    |             |                   | Yield per harvested acre |          |                   | Production    |               |                   |
|          | 2001                          | 2002        | 2003 <sup>1</sup> | 2001              | 2002        | 2003 <sup>1</sup> | 2001                     | 2002     | 2003 <sup>1</sup> | 2001          | 2002          | 2003 <sup>1</sup> |
|          | 1,000 acres                   | 1,000 acres | 1,000 acres       | 1,000 acres       | 1,000 acres | 1,000 acres       | Bush-els                 | Bush-els | Bush-els          | 1,000 bushels | 1,000 bushels | 1,000 bushels     |
| AL ..... | 12                            | 10          | 10                | 7                 | 7           | 6                 | 60.0                     | 40.0     | 45.0              | 420           | 280           | 270               |
| AZ ..... | 175                           | 240         | 17                | 170               | 230         | 6                 | 86.0                     | 77.0     | 90.0              | 14,620        | 17,710        | 540               |
| AR ..... | 12                            | 15          | 225               | 6                 | 6           | 210               | 80.0                     | 70.0     | 82.0              | 480           | 420           | 17,220            |
| CA ..... | 10                            | 17          | 18                | 7                 | 11          | 10                | 90.0                     | 80.0     | 90.0              | 630           | 880           | 900               |
| CO ..... | 310                           | 350         | 270               | 220               | 90          | 160               | 43.0                     | 20.0     | 27.0              | 9,460         | 1,800         | 4,320             |
| DE ..... | 2                             | 2           | 2                 | 1                 | 1           | 1                 | 85.0                     | 45.0     | 70.0              | 85            | 45            | 70                |
| GA ..... | 50                            | 55          | 55                | 25                | 30          | 38                | 48.0                     | 40.0     | 47.0              | 1,200         | 1,200         | 1,786             |
| IL ..... | 80                            | 80          | 110               | 77                | 76          | 105               | 105.0                    | 83.0     | 82.0              | 8,085         | 6,308         | 8,610             |
| KS ..... | 4,000                         | 3,800       | 3,550             | 3,750             | 3,000       | 2,900             | 62.0                     | 45.0     | 45.0              | 232,500       | 135,000       | 130,500           |
| KY ..... | 12                            | 12          | 33                | 10                | 10          | 32                | 85.0                     | 75.0     | 95.0              | 850           | 750           | 3,040             |
| LA ..... | 230                           | 180         | 170               | 210               | 165         | 165               | 85.0                     | 81.0     | 85.0              | 17,850        | 13,365        | 14,025            |
| MD ..... | 9                             | 5           | 6                 | 8                 | 4           | 3                 | 83.0                     | 40.0     | 65.0              | 664           | 160           | 195               |
| MS ..... | 90                            | 80          | 75                | 87                | 77          | 73                | 82.0                     | 81.0     | 84.0              | 7,134         | 6,237         | 6,132             |
| MO ..... | 230                           | 200         | 215               | 220               | 190         | 210               | 94.0                     | 85.0     | 77.0              | 20,680        | 16,150        | 16,170            |
| NE ..... | 550                           | 450         | 660               | 425               | 320         | 500               | 84.0                     | 50.0     | 62.0              | 35,700        | 16,000        | 31,000            |
| NM ..... | 170                           | 170         | 140               | 140               | 70          | 62                | 45.0                     | 35.0     | 27.0              | 6,300         | 2,450         | 1,674             |
| NC ..... | 15                            | 17          | 18                | 11                | 12          | 14                | 70.0                     | 42.0     | 50.0              | 770           | 504           | 700               |
| OK ..... | 500                           | 430         | 300               | 420               | 300         | 250               | 36.0                     | 45.0     | 37.0              | 15,120        | 13,500        | 9,250             |
| PA ..... | 11                            | 11          | 15                | 4                 | 3           | 5                 | 78.0                     | 48.0     | 87.0              | 312           | 144           | 435               |
| SC ..... | 8                             | 7           | 7                 | 6                 | 3           | 5                 | 65.0                     | 30.0     | 52.0              | 390           | 90            | 260               |
| SD ..... | 240                           | 220         | 270               | 150               | 90          | 150               | 59.0                     | 34.0     | 45.0              | 8,850         | 3,060         | 6,750             |
| TN ..... | 25                            | 30          | 45                | 22                | 26          | 40                | 80.0                     | 80.0     | 82.0              | 1,760         | 2,080         | 3,280             |
| TX ..... | 3,500                         | 3,200       | 3,200             | 2,600             | 2,400       | 2,850             | 50.0                     | 51.0     | 54.0              | 130,000       | 122,400       | 153,900           |
| VA ..... | 7                             | 8           | 9                 | 3                 | 4           | 3                 | 60.0                     | 45.0     | 70.0              | 180           | 180           | 210               |
| US ..... | 10,248                        | 9,589       | 9,420             | 8,579             | 7,125       | 7,798             | 59.9                     | 50.6     | 52.7              | 514,040       | 360,713       | 411,237           |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-64.—Sorghum: Utilization for silage, by States, 2001–2003**

| State    | Silage         |             |                   |                |      |                   |            |            |                   |
|----------|----------------|-------------|-------------------|----------------|------|-------------------|------------|------------|-------------------|
|          | Area harvested |             |                   | Yield per acre |      |                   | Production |            |                   |
|          | 2001           | 2002        | 2003 <sup>1</sup> | 2001           | 2002 | 2003 <sup>1</sup> | 2001       | 2002       | 2003 <sup>1</sup> |
|          | 1,000 acres    | 1,000 acres | 1,000 acres       | Tons           | Tons | Tons              | 1,000 tons | 1,000 tons | 1,000 tons        |
| AL ..... | 1              | 1           | 3                 | 9.0            | 9.0  | 15.0              | 9          | 9          | 45                |
| AZ ..... | 4              | 2           | 11                | 9.0            | 10.0 | 23.0              | 36         | 20         | 253               |
| AR ..... | 6              | 9           | 3                 | 19.0           | 20.0 | 10.0              | 114        | 180        | 30                |
| CA ..... | 3              | 6           | 8                 | 20.0           | 17.0 | 18.0              | 60         | 102        | 144               |
| CO ..... | 12             | 20          | 15                | 20.0           | 9.0  | 14.0              | 240        | 180        | 210               |
| DE ..... | 1              | 1           | 1                 | 8.0            | 7.0  | 14.0              | 8          | 7          | 14                |
| GA ..... | 20             | 20          | 15                | 10.0           | 12.0 | 12.0              | 200        | 240        | 180               |
| IL ..... | 1              | 3           | 3                 | 9.1            | 10.0 | 7.0               | 9          | 30         | 21                |
| KS ..... | 100            | 115         | 70                | 12.0           | 7.0  | 8.0               | 1,200      | 805        | 560               |
| KY ..... | 1              | 1           | .....             | 10.0           | 10.0 | .....             | 10         | 10D        | .....             |
| LA ..... | 1              | 1           | 1                 | 12.0           | 10.0 | 11.0              | 12         | 10         | 11                |
| MD ..... | 1              | 1           | 3                 | 8.0            | 6.0  | 10.0              | 8          | 6          | 30                |
| MS ..... | 1              | 1           | 1                 | 11.0           | 13.0 | 13.0              | 11         | 13         | 13                |
| MO ..... | 6              | 5           | 5                 | 8.0            | 9.0  | 8.0               | 48         | 45         | 40                |
| NE ..... | 20             | 25          | 35                | 11.0           | 7.5  | 9.5               | 220        | 188        | 333               |
| NM ..... | 10             | 13          | 10                | 20.0           | 18.0 | 15.0              | 200        | 234        | 150               |
| NC ..... | 3              | 3           | 3                 | 10.0           | 5.0  | 10.0              | 30         | 15         | 30                |
| OK ..... | 18             | 15          | 18                | 6.0            | 10.0 | 10.0              | 108        | 150        | 180               |
| PA ..... | 5              | 7           | 8                 | 10.0           | 7.0  | 9.0               | 50         | 49         | 72                |
| SC ..... | 2              | 4           | 2                 | 9.0            | 7.0  | 13.0              | 18         | 28         | 26                |
| SD ..... | 50             | 40          | 50                | 9.5            | 5.5  | 7.0               | 475        | 220        | 350               |
| TN ..... | 2              | 2           | 2                 | 15.0           | 14.0 | 18.0              | 30         | 28         | 36                |
| TX ..... | 80             | 110         | 70                | 9.0            | 12.0 | 11.0              | 720        | 1,320      | 770               |
| VA ..... | 4              | 3           | 6                 | 11.0           | 8.0  | 9.0               | 44         | 24         | 54                |
| US ..... | 352            | 408         | 343               | 11.0           | 9.6  | 10.4              | 3,860      | 3,913      | 3,552             |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-65.—Sorghum grain: Marketing year average price and value, by States, crop of 2001, 2002, and 2003<sup>1</sup>**

| State    | Marketing year average price per cwt |                |                   | Value of production  |                      |                      |
|----------|--------------------------------------|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001                                 | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Dollars</i>                       | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL ..... | 3.75                                 | 4.10           | 4.10              | 882                  | 723                  | 620                  |
| AZ ..... | 4.00                                 | 4.60           | 5.30              | 1,075                | 1,236                | 1,603                |
| AR ..... | 3.56                                 | 4.40           | 4.20              | 29,146               | 43,637               | 40,501               |
| CA ..... | 4.38                                 | 4.64           | 5.45              | 1,545                | 2,715                | 2,747                |
| CO ..... | 3.27                                 | 4.10           | 4.10              | 17,323               | 4,133                | 9,919                |
| DE ..... | 3.48                                 | 4.55           | 4.30              | 166                  | 122                  | 169                  |
| GA ..... | 3.30                                 | 4.64           | 4.10              | 2,218                | 3,352                | 4,101                |
| IL ..... | 3.61                                 | 4.62           | 4.40              | 16,345               | 16,535               | 21,215               |
| KS ..... | 3.24                                 | 4.24           | 4.25              | 421,848              | 320,544              | 310,590              |
| KY ..... | 3.42                                 | 4.68           | 4.40              | 1,628                | 2,162                | 7,491                |
| LA ..... | 3.75                                 | 4.30           | 4.20              | 37,485               | 32,183               | 32,987               |
| MD ..... | 3.48                                 | 4.55           | 4.30              | 1,294                | 479                  | 470                  |
| MS ..... | 3.70                                 | 4.24           | 4.00              | 14,782               | 14,809               | 13,736               |
| MO ..... | 3.46                                 | 4.22           | 4.35              | 40,070               | 37,161               | 39,390               |
| NE ..... | 3.23                                 | 4.23           | 4.30              | 64,574               | 35,532               | 74,648               |
| NM ..... | 3.75                                 | 4.20           | 4.45              | 13,230               | 6,586                | 4,172                |
| NC ..... | 3.75                                 | 4.40           | 4.10              | 1,617                | 1,331                | 1,607                |
| OK ..... | 3.29                                 | 4.11           | 4.15              | 27,857               | 34,179               | 21,497               |
| PA ..... | 3.75                                 | 4.79           | 4.60              | 655                  | 386                  | 1,121                |
| SC ..... | 3.48                                 | 4.11           | 3.75              | 760                  | 322                  | 546                  |
| SD ..... | 3.06                                 | 3.90           | 4.00              | 15,165               | 6,683                | 15,120               |
| TN ..... | 3.88                                 | 4.78           | 4.25              | 4,693                | 6,638                | 7,806                |
| TX ..... | 3.64                                 | 4.18           | 4.10              | 264,992              | 304,421              | 353,354              |
| VA ..... | 3.00                                 | 3.91           | 3.50              | 444                  | 602                  | 412                  |
| US ..... | 3.46                                 | 4.14           | 4.40              | 979,794              | 876,471              | 965,822              |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary. NASS, Crops Branch, (202) 720-2127.

**Table 1-66.—Sorghum grain: Support operations, United States, 1994-2003**

| Marketing year beginning September 1 | Income support payment rates per cwt <sup>1</sup> | Program price levels per cwt |                     | Put under support <sup>4</sup> |                          | Acquired by CCC under loan program <sup>5</sup> | Owned by CCC at end of marketing year |
|--------------------------------------|---|------------------------------|---------------------|--------------------------------|--------------------------|---|---------------------------------------|
|                                      |   | Loan <sup>2</sup>            | Target <sup>3</sup> | Quantity                       | Percentage of production |   |                                       |
|                                      | <i>Dollars</i>                                    | <i>Dollars</i>               | <i>Dollars</i>      | <i>Million cwt.</i>            | <i>Percent</i>           | <i>Millions cwt.</i>                            | <i>Million cwt.</i>                   |
| 1994/95 ....                         | 1.05  | 3.21                         | 4.66                | 25.2                           | 7.0                      | 0.0   | 0.4                                   |
| 1995/96 ....                         | 0.00  | 3.21                         | 4.66                | 4.0                            | 1.6                      | 0.0   | 0.0                                   |
| 1996/97 ....                         | 0.58  | 3.23                         | NA                  | 11.4                           | 2.6                      | 0.0   | 0.0                                   |
| 1997/98 ....                         | 0.97  | 3.14                         | NA                  | 9.8                            | 2.8                      | 0.1   | 0.1                                   |
| 1998/99 ....                         | 1.21  | 3.11                         | NA                  | 12.0                           | 4.1                      | 0.6   | 0.2                                   |
| 1999/2000                            | 1.55  | 3.11                         | NA                  | 9.6                            | 2.9                      | 0.5   | 0.0                                   |
| 2000/2001                            | 1.49  | 3.05                         | NA                  | 8.6                            | 3.3                      | 0.4   | 0.0                                   |
| 2001/2002                            | 1.24  | 3.05                         | NA                  | 9.6                            | 3.3                      | 0.1   | 0.1                                   |
| 2002/2003                            | 0.63/0.00   | 3.54                         | 4.54                | 3.7                            | 1.8                      | 0.0   | 0.0                                   |
| 2003/2004                            | 0.63/--   | 3.54                         | 4.54                | .....                          | .....                    | .....   | .....                                 |

<sup>1</sup> Payment rates for the 1995/96 and prior crop years were calculated according to the deficiency payment/production adjustment program provisions. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the Production Flexibility Contract (PFC) program provisions of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and include supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the Direct and Counter-cyclical program provisions, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). Payment rates are rounded to the nearest cent. Beginning with 2002/2003, the first entry is the direct payment rate and the second entry is the counter-cyclical payment rate. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Between the 1996/97 and 2001/2002 marketing years, target prices were not longer applicable; however, target prices were reestablished under the 2002 Act. <sup>4</sup> Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. Excludes quantity on which loan deficiency payments were made. <sup>5</sup> Acquisition of all loans forfeited during the marketing year. For 2002/2003, as of September 30, 2003. NA-not applicable.

**Table 1-67.—Coarse grains: International trade, 2001–2003<sup>1</sup>**

| Country                  | 2000/2001                | 2001/2002                | 2002/2003 <sup>2</sup>   |
|--------------------------|--------------------------|--------------------------|--------------------------|
|                          | <i>1,000 metric tons</i> | <i>1,000 Metric tons</i> | <i>1,000 metric tons</i> |
| <b>Exports:</b>          |                          |                          |                          |
| Argentina .....          | 13,016                   | 9,089                    | 13,055                   |
| Australia .....          | 4,951                    | 4,841                    | 2,490                    |
| Canada .....             | 3,576                    | 2,441                    | 1,711                    |
| China .....              | 7,296                    | 8,630                    | 15,336                   |
| South Africa .....       | 1,458                    | 1,230                    | 1,190                    |
| Russia .....             | 1,032                    | 2,668                    | 3,492                    |
| Turkey .....             | 1,927                    | 3,827                    | 3,389                    |
| EU .....                 | 8,117                    | 4,667                    | 7,915                    |
| Others .....             | 7,669                    | 10,818                   | 9,101                    |
| Subtotal .....           | 49,042                   | 48,211                   | 57,679                   |
| United States .....      | 55,388                   | 53,964                   | 46,680                   |
| <b>Total .....</b>       | <b>104,430</b>           | <b>102,175</b>           | <b>104,359</b>           |
| <b>Imports:</b>          |                          |                          |                          |
| Algeria .....            | 1,842                    | 2,054                    | 1,694                    |
| Brazil .....             | 1,014                    | 437                      | 817                      |
| Canada .....             | 2,935                    | 4,181                    | 4,087                    |
| Chile .....              | 1,388                    | 1,359                    | 1,010                    |
| China .....              | 2,416                    | 1,963                    | 1,823                    |
| Colombia .....           | 1,993                    | 2,100                    | 2,405                    |
| Costa Rica .....         | 513                      | 463                      | 514                      |
| Dominican Republic ..... | 501                      | 584                      | 501                      |
| Ecuador .....            | 968                      | 1,038                    | 906                      |
| Egypt .....              | 149                      | 321                      | 309                      |
| Iran .....               | 5,339                    | 4,931                    | 4,914                    |
| Israel .....             | 1,280                    | 1,149                    | 1,600                    |
| Japan .....              | 2,087                    | 1,583                    | 2,182                    |
| Jordan .....             | 1,402                    | 1,434                    | 1,288                    |
| Korea, North .....       | 20,236                   | 19,945                   | 20,326                   |
| Korea, South .....       | 803                      | 938                      | 820                      |
| Libya .....              | 688                      | 268                      | 144                      |
| Malaysia .....           | 8,889                    | 8,848                    | 8,941                    |
| Mexico .....             | 396                      | 496                      | 322                      |
| Morocco .....            | 2,588                    | 2,425                    | 2,408                    |
| Peru .....               | 11,151                   | 9,040                    | 8,791                    |
| Poland .....             | 1,473                    | 1,523                    | 1,211                    |
| Romania .....            | 912                      | 930                      | 992                      |
| Russia .....             | 824                      | 285                      | 350                      |
| Saudi Arabia .....       | 563                      | 729                      | 374                      |
| South Africa .....       | 6,489                    | 7,268                    | 8,924                    |
| Syria .....              | 146                      | 983                      | 763                      |
| Taiwan .....             | 1,090                    | 1,068                    | 1,198                    |
| Thailand .....           | 5,157                    | 4,852                    | 4,878                    |
| Tunisia .....            | 24                       | 5                        | 11                       |
| Turkey .....             | 1,375                    | 1,449                    | 1,046                    |
| Venezuela .....          | 648                      | 1,247                    | 1,565                    |
| Zimbabwe .....           | 1,207                    | 515                      | 675                      |
| EU .....                 | 66                       | 310                      | 635                      |
| O.W. Europe .....        | 3,104                    | 4,229                    | 5,258                    |
| United States .....      | 2,769                    | 2,401                    | 2,543                    |
| Subtotal .....           | 94,425                   | 93,371                   | 96,225                   |
| Other Countries .....    | 8,193                    | 7,118                    | 7,027                    |
| Unaccounted .....        | 1,812                    | 1,686                    | 1,107                    |
| <b>World Total .....</b> | <b>104,430</b>           | <b>102,175</b>           | <b>104,359</b>           |

<sup>1</sup> Year beginning Oct 1. <sup>2</sup> Preliminary.

FAS, Grain and Feed Division, (202) 720-6219. Prepared or estimated on the basis of official statistics from foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches and Foreign Service Officers, results of office research, and related information.

**Table 1-68.—Commercial feeds: Disappearance for feed, United States, 1993–2002**

| Year beginning October  | Oilseed cake and meal |            |            |                     |            |            | Animal protein        |            |                         |            |
|-------------------------|-----------------------|------------|------------|---------------------|------------|------------|-----------------------|------------|-------------------------|------------|
|                         | Soybean               | Cottonseed | Linseed    | Peanut <sup>1</sup> | Sunflower  | Total      | Tankage and meat meal | Fish meal  | Dried milk <sup>2</sup> | Total      |
|                         | 1,000 tons            | 1,000 tons | 1,000 tons | 1,000 tons          | 1,000 tons | 1,000 tons | 1,000 tons            | 1,000 tons | 1,000 tons              | 1,000 tons |
| 1993 .....              | 25,273                | 2,638      | 109        | 113                 | 321        | 28,454     | 2,446                 | 719        | 470                     | 3,636      |
| 1994 .....              | 26,545                | 3,268      | 101        | 193                 | 623        | 30,730     | 2,551                 | 334        | 463                     | 3,349      |
| 1995 .....              | 26,610                | 2,960      | 129        | 181                 | 478        | 30,358     | 2,536                 | 290        | 420                     | 3,246      |
| 1996 .....              | 27,320                | 3,113      | 149        | 141                 | 462        | 31,185     | 2,783                 | 308        | 428                     | 3,518      |
| 1997 .....              | 28,895                | 2,956      | 185        | 95                  | 531        | 32,662     | 2,501                 | 270        | 411                     | 3,182      |
| 1998 .....              | 30,657                | 2,533      | 169        | 94                  | 635        | 34,088     | 2,620                 | 326        | 273                     | 3,218      |
| 1999 .....              | 30,345                | 2,908      | 185        | 138                 | 582        | 34,158     | 2,342                 | 265        | 306                     | 2,913      |
| 2000 .....              | 31,643                | 2,855      | 193        | 110                 | 496        | 35,297     | 2,398                 | 246        | 303                     | 2,947      |
| 2001 .....              | 33,077                | 3,340      | 156        | 144                 | 395        | 37,112     | 2,212                 | 274        | 323                     | 2,808      |
| 2002 <sup>3</sup> ..... | 32,386                | 2,691      | 173        | 171                 | 256        | 35,677     | 1,918                 | 246        | 310                     | 2,473      |

  

| Year beginning October  | Mill products <sup>4</sup> |                                   |                |              |            | Total commercial feeds |
|-------------------------|----------------------------|-----------------------------------|----------------|--------------|------------|------------------------|
|                         | Wheat millfeeds            | Gluten feed and meal <sup>5</sup> | Rice millfeeds | Alfalfa meal | Total      |                        |
|                         | 1,000 tons                 | 1,000 tons                        | 1,000 tons     | 1,000 tons   | 1,000 tons | 1,000 tons             |
| 1993 .....              | 7,190                      | 912                               | 648            | 134          | 8,883      | 40,973                 |
| 1994 .....              | 7,265                      | 139                               | 726            | 209          | 8,339      | 42,418                 |
| 1995 .....              | 7,373                      | 881                               | 664            | 255          | 9,173      | 42,776                 |
| 1996 .....              | 7,280                      | 1,833                             | 617            | 248          | 9,978      | 44,681                 |
| 1997 .....              | 7,030                      | 1,914                             | 603            | 276          | 9,823      | 45,667                 |
| 1998 .....              | 7,026                      | 1,349                             | 655            | 225          | 9,254      | 46,561                 |
| 1999 .....              | 7,324                      | 1,199                             | 716            | NA           | 9,239      | 46,310                 |
| 2000 .....              | 7,303                      | 1,423                             | 689            | NA           | 9,424      | 50,616                 |
| 2001 .....              | 6,895                      | 1,475                             | 678            | NA           | 9,049      | 51,777                 |
| 2002 <sup>3</sup> ..... | 6,789                      | 2,214                             | 689            | NA           | 9,692      | 50,315                 |

<sup>1</sup>Year beginning August 1. <sup>2</sup>Includes dried skim milk, and whey for feed, but does not include any milk products fed on farms. <sup>3</sup>Preliminary. <sup>4</sup>Other mill products that are not listed include screenings, hominy, and oats feed etc., for which no statistics are available. <sup>5</sup>Adjusted for export data. NA-not available.

**Table 1-69.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1993–2002**

| Year beginning October | Quantity for feeding <sup>1</sup> |                                  |            |                |                            |            | High-protein animal units | Quantity per animal unit | High protein feed prices |
|------------------------|-----------------------------------|----------------------------------|------------|----------------|----------------------------|------------|---------------------------|--------------------------|--------------------------|
|                        | Oilseed meal                      |                                  |            | Animal protein | Grain protein <sup>3</sup> | Total      |                           |                          |                          |
|                        | Soybean meal                      | Other oilseed meals <sup>2</sup> | Total      |                |                            |            |                           |                          |                          |
|                        | 1,000 tons                        | 1,000 tons                       | 1,000 tons | 1,000 tons     | 1,000 tons                 | 1,000 tons | Million units             | Pounds                   | Index numbers 1992=100   |
| 1993 .....             | 27,800                            | 2,945                            | 30,745     | 3,991          | 543                        | 35,279     | 128.4                     | 549,310                  | 101                      |
| 1994 .....             | 29,200                            | 3,875                            | 33,075     | 3,634          | 83                         | 36,792     | 130.7                     | 562,803                  | 86                       |
| 1995 .....             | 29,271                            | 3,469                            | 32,740     | 3,547          | 524                        | 36,812     | 132.2                     | 556,942                  | 123                      |
| 1996 .....             | 30,052                            | 3,573                            | 33,625     | 3,869          | 1,092                      | 38,586     | 133.1                     | 579,747                  | 141                      |
| 1997 .....             | 31,785                            | 3,470                            | 35,254     | 3,477          | 1,140                      | 39,871     | 136.2                     | 585,409                  | 104                      |
| 1998 .....             | 33,723                            | 3,154                            | 36,877     | 3,647          | 803                        | 41,327     | 137.0                     | 603,325                  | 73                       |
| 1999 .....             | 33,380                            | 3,514                            | 36,893     | 3,247          | 714                        | 40,854     | 137.4                     | 594,523                  | 87                       |
| 2000 .....             | 34,807                            | 3,366                            | 38,173     | 3,290          | 853                        | 42,316     | 138.3                     | 612,092                  | 91                       |
| 2001 .....             | 36,385                            | 3,734                            | 40,118     | 3,106          | 879                        | 44,103     | 139.2                     | 633,554                  | 89                       |
| 2002 .....             | 35,625                            | 3,047                            | 38,671     | 2,713          | 1,318                      | 42,703     | 138.9                     | 615,044                  | 95                       |

<sup>1</sup>In terms of 44 percent protein soybean meal equivalent. <sup>2</sup>Includes cottonseed, linseed, peanut meal, and sunflower meal. <sup>3</sup>Beginning 1974, adjusted for exports of corn gluten feed and meal.  
ERS, Market and Trade Economics Division (202) 694–5290.

**Table 1-70.—Feed concentrates: Fed to livestock and poultry, 1993–2002**

| Year beginning October | Feed grains       |                      |   |              | Wheat <sup>2</sup> | Rye <sup>2</sup> | By-product feeds <sup>3</sup> | Total concentrates | Grain consuming animal units | Concentrates fed per grain-consuming animal unit |
|------------------------|-------------------|----------------------|---|--------------|--------------------|------------------|-------------------------------|--------------------|------------------------------|--|
|                        | Corn <sup>1</sup> | Sorghum <sup>1</sup> | Oats <sup>2</sup> and barley <sup>2</sup> | Total        |                    |                  |                               |                    |                              |  |
|                        | Million tons      | Million tons         | Million tons                              | Million tons | Million tons       | Million tons     | Million tons                  | Millions           | Tons                         |  |
| 1993 .....             | 131.0             | 12.3                 | 10.4                                      | 153.7        | 10.6               | 0.2              | 48.0                          | 212.5              | 84.0                         | 2.53   |
| 1994 .....             | 152.9             | 10.6                 | 8.7                                       | 172.1        | 8.2                | 0.2              | 50.0                          | 230.0              | 84.4                         | 2.73   |
| 1995 .....             | 131.4             | 8.3                  | 7.6                                       | 147.2        | 6.8                | 0.2              | 49.5                          | 203.7              | 85.0                         | 2.40   |
| 1996 .....             | 147.8             | 14.4                 | 6.9                                       | 169.1        | 8.5                | 0.1              | 52.3                          | 230.0              | 85.3                         | 2.70   |
| 1997 .....             | 153.5             | 10.2                 | 7.2                                       | 170.9        | 9.7                | 0.1              | 53.4                          | 234.1              | 87.9                         | 2.66   |
| 1998 .....             | 153.1             | 7.3                  | 6.8                                       | 167.3        | 7.1                | 0.1              | 54.1                          | 228.6              | 88.0                         | 2.60   |
| 1999 .....             | 158.6             | 8.0                  | 6.6                                       | 173.2        | 10.0               | 0.1              | 54.1                          | 237.4              | 88.9                         | 2.67   |
| 2000 .....             | 163.6             | 6.2                  | 5.9                                       | 175.7        | 6.9                | 0.1              | 58.6                          | 241.3              | 89.3                         | 2.70   |
| 2001 .....             | 164.3             | 6.5                  | 4.6                                       | 175.4        | 4.2                | 0.1              | 59.7                          | 239.3              | 89.4                         | 2.68   |
| 2002 .....             | 156.8             | 5.0                  | 4.8                                       | 166.6        | 7.2                | 0.1              | 58.0                          | 231.8              | 88.4                         | 2.62   |

<sup>1</sup>Marketing year beginning Sept. 1. <sup>2</sup>Marketing year beginning June 1. <sup>3</sup>Oilseed meals, animal protein feeds, mill by-products, and mineral supplements.  
ERS, Market and Trade Economics Division (202) 694–5290.

**Table 1-71.—Feed: Consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1993–2002**

| Year beginning October  | Dairy cattle  |                              |                             | Beef cattle                                 |                            |                          |  | Sheep and lambs |                                      |
|-------------------------|---------------|------------------------------|-----------------------------|---|----------------------------|--------------------------|--|-----------------|--------------------------------------|
|                         | Milk cows     |                              | Other dairy cattle per head | Cattle on feed per head Jan. 1 <sup>1</sup> | Other beef cattle per head | All beef cattle per head | Cattle and calves per 100 pounds produced <sup>2</sup> | Per head        | Per 100 pounds produced <sup>3</sup> |
|                         | Per head      | Per 100 pounds milk produced |                             |   |                            |                          |  |                 |                                      |
|                         | <i>Pounds</i> | <i>Pounds</i>                | <i>Pounds</i>               | <i>Pounds</i>                               | <i>Pounds</i>              | <i>Pounds</i>            | <i>Pounds</i>  | <i>Pounds</i>   | <i>Pounds</i>                        |
| 1993 .....              | 12,668        | 79                           | 6,488                       | 9,310                                       | 5,297                      | 5,896                    | 1,317  | 1,270           | 1,530                                |
| 1994 .....              | 13,090        | 80                           | 6,559                       | 9,926                                       | 5,319                      | 5,961                    | 1,344  | 1,278           | 1,633                                |
| 1995 .....              | 12,410        | 76                           | 6,445                       | 8,933                                       | 5,284                      | 5,809                    | 1,292  | 1,266           | 1,610                                |
| 1996 .....              | 13,032        | 78                           | 6,549                       | 9,841                                       | 5,316                      | 5,992                    | 1,359  | 1,277           | 1,631                                |
| 1997 .....              | 12,965        | 76                           | 6,538                       | 9,744                                       | 5,313                      | 6,009                    | 1,329  | 1,276           | 1,522                                |
| 1998 .....              | 12,854        | 73                           | 6,519                       | 9,582                                       | 5,307                      | 5,965                    | 1,295  | 1,274           | 1,521                                |
| 1999 .....              | 13,016        | 71                           | 6,547                       | 9,818                                       | 5,315                      | 6,057                    | 1,274  | 1,277           | 1,548                                |
| 2000 .....              | 13,149        | 73                           | 6,569                       | 10,014                                      | 5,322                      | 6,115                    | 1,262  | 1,279           | 1,606                                |
| 2001 .....              | 13,117        | 71                           | 6,563                       | 9,966                                       | 5,321                      | 6,092                    | 1,264  | 1,279           | 1,587                                |
| 2002 <sup>4</sup> ..... | 12,986        | 70                           | 6,541                       | 9,775                                       | 5,314                      | 6,026                    | 1,245  | 1,276           | 1,531                                |

  

| Year beginning October  | Poultry          |               |                 |                            |                   |                         |                |                         | Hogs per 100 pounds produced | Horses and mules 2 years and over per head |
|-------------------------|------------------|---------------|-----------------|----------------------------|-------------------|-------------------------|----------------|-------------------------|------------------------------|--|
|                         | Hens and pullets |               | Chickens raised |                            | Broilers produced |                         | Turkeys raised |                         |                              |  |
|                         | Per head Jan. 1  | Per 100 eggs  | Per head        | Per 100 pounds live weight | Per head          | Per 100 pounds produced | Per head       | Per 100 pounds produced |                              |  |
|                         | <i>Pounds</i>    | <i>Pounds</i> | <i>Pounds</i>   | <i>Pounds</i>              | <i>Pounds</i>     | <i>Pounds</i>           | <i>Pounds</i>  | <i>Pounds</i>           | <i>Pounds</i>                | <i>Pounds</i>                              |
| 1993 .....              | 122              | 49            | 29              | 792                        | 10.7              | 243                     | 91             | 405                     | 594                          | 3,786                                      |
| 1994 .....              | 131              | 52            | 31              | 843                        | 11.5              | 257                     | 97             | 431                     | 625                          | 3,868                                      |
| 1995 .....              | 117              | 45            | 28              | 827                        | 10.3              | 226                     | 87             | 386                     | 545                          | 3,735                                      |
| 1996 .....              | 130              | 51            | 31              | 976                        | 11.4              | 242                     | 96             | 401                     | 619                          | 3,856                                      |
| 1997 .....              | 128              | 51            | 31              | 981                        | 11.3              | 238                     | 95             | 381                     | 640                          | 3,843                                      |
| 1998 .....              | 126              | 50            | 30              | 992                        | 11.1              | 233                     | 94             | 364                     | 595                          | 3,822                                      |
| 1999 .....              | 129              | 51            | 31              | 898                        | 11.4              | 231                     | 96             | 376                     | 590                          | 3,853                                      |
| 2000 .....              | 132              | 52            | 31              | 875                        | 11.7              | 234                     | 98             | 383                     | 597                          | 3,879                                      |
| 2001 .....              | 131              | 52            | 31              | 915                        | 11.6              | 233                     | 97             | 371                     | 598                          | 3,873                                      |
| 2002 <sup>4</sup> ..... | 129              | 50            | 31              | 852                        | 11.4              | 223                     | 95             | 353                     | 574                          | 3,848                                      |

<sup>1</sup> Feed consumed by all cattle divided by the number on feed Jan. 1. <sup>2</sup> Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle. <sup>3</sup> Including wool produced. <sup>4</sup> Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5290.

**Table 1-72.—Feed: Consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1993–2002**

| Year beginning October  | Concentrates        | Harvested roughage  | Pasture        | Total               |
|-------------------------|---------------------|---------------------|----------------|---------------------|
|                         | <i>Million tons</i> | <i>Million tons</i> | <i>Million</i> | <i>Million tons</i> |
| 1993 .....              | 226                 | 77                  | 183            | 486                 |
| 1994 .....              | 244                 | 81                  | 184            | 509                 |
| 1995 .....              | 218                 | 80                  | 186            | 484                 |
| 1996 .....              | 244                 | 81                  | 179            | 504                 |
| 1997 .....              | 249                 | 81                  | 173            | 503                 |
| 1998 .....              | 244                 | 81                  | 173            | 498                 |
| 1999 .....              | 253                 | 84                  | 166            | 503                 |
| 2000 .....              | 260                 | 86                  | 160            | 507                 |
| 2001 .....              | 259                 | 85                  | 161            | 505                 |
| 2002 <sup>1</sup> ..... | 251                 | 84                  | 161            | 496                 |

<sup>1</sup> Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5290.



**Table 1-73.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1993–2002<sup>1</sup>**

| Year beginning October  | Grain-consuming <sup>2</sup> | Roughage-consuming <sup>3</sup> | Grain and roughage-consuming <sup>4</sup> |
|-------------------------|------------------------------|---------------------------------|---|
|                         | <i>1,000 units</i>           | <i>1,000 units</i>              | <i>1,000 units</i>                        |
| 1993 .....              | 84,000                       | 76,450                          | 78,876                                    |
| 1994 .....              | 84,377                       | 78,040                          | 79,994                                    |
| 1995 .....              | 85,015                       | 78,128                          | 80,277                                    |
| 1996 .....              | 85,341                       | 76,420                          | 79,363                                    |
| 1997 .....              | 87,948                       | 74,861                          | 79,414                                    |
| 1998 .....              | 88,040                       | 74,526                          | 79,228                                    |
| 1999 .....              | 88,864                       | 73,281                          | 78,770                                    |
| 2000 .....              | 89,300                       | 72,481                          | 78,433                                    |
| 2001 .....              | 89,401                       | 72,195                          | 78,254                                    |
| 2002 <sup>5</sup> ..... | 88,424                       | 72,034                          | 77,825                                    |

<sup>1</sup> Index series based on average feeding rates for years 1969–71. In calculations for the feeding years 1969 to date, cattle numbers used are the new categories shown in the Livestock and Poultry Inventory, published by NASS, USDA. <sup>2</sup> Livestock and poultry numbers weighted by all concentrates consumed. <sup>3</sup> Livestock and poultry numbers weighted by all roughage (including pasture) consumed. <sup>4</sup> Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock. <sup>5</sup> Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5290.

**Table 1-74.—Feed grains: Average price, selected markets and grades, 1995–2003<sup>1</sup>**

| Crop year  | Kansas City                |                           |                               | Minneapolis               |                                 |                           |                           |
|------------|----------------------------|---------------------------|-------------------------------|---------------------------|---------------------------------|---------------------------|---------------------------|
|            | Corn, No. 2 Yellow (truck) | Corn, No. 2 White (truck) | Sorghum, No. 2 Yellow (truck) | Corn, No. 2 Yellow        | Barley, No. 3 or Better malting | Duluth Barley, No. 2 Feed | Oats, No. 2 White         |
|            | <i>Dollars per bushel</i>  | <i>Dollars per bushel</i> | <i>Dollars per cwt.</i>       | <i>Dollars per bushel</i> | <i>Dollars per bushel</i>       | <i>Dollars per bushel</i> | <i>Dollars per bushel</i> |
| 1995 ..... | 2.47                       | 2.91                      | 4.10                          | 2.27                      | 2.75                            | 2.02                      | 1.49                      |
| 1996 ..... | 4.12                       | 4.07                      | 6.66                          | 3.74                      | 3.69                            | 2.67                      | 2.28                      |
| 1997 ..... | 2.84                       | 3.09                      | 4.54                          | 2.65                      | 3.18                            | 2.32                      | 2.03                      |
| 1998 ..... | 2.49                       | 2.93                      | 4.11                          | 2.39                      | 2.50                            | 1.86                      | 1.70                      |
| 1999 ..... | 2.01                       | 2.42                      | 3.29                          | 1.88                      | 2.30                            | 1.86                      | 1.33                      |
| 2000 ..... | 1.93                       | 1.94                      | 3.19                          | 1.79                      | .....                           | 1.22                      | 1.28                      |
| 2001 ..... | 1.85                       | .....                     | 4.03                          | .....                     | .....                           | .....                     | .....                     |
| 2002 ..... | 2.13                       | 2.51                      | 4.27                          | 2.11                      | 2.85                            | 1.70                      | .....                     |
| 2003 ..... | 2.36                       | 2.58                      | 4.07                          | 2.22                      | 3.34                            | 1.91                      | 1.82                      |

  

| Crop year  | Omaha: Corn, No. 2 Yellow (truck) | Chicago: Corn, No. 2 Yellow | Texas High Plains: Sorghum, No. 2 Yellow | Memphis                   |                           | St. Louis: Corn, No. 2 Yellow (truck) |
|------------|-----------------------------------|-----------------------------|--|---------------------------|---------------------------|---------------------------------------|
|            |                                   |                             |  | Corn, No. 2 Yellow        | Barley, No. 2 Western     |                                       |
|            | <i>Dollars per bushel</i>         | <i>Dollars per bushel</i>   | <i>Dollars per cwt.</i>                  | <i>Dollars per bushel</i> | <i>Dollars per bushel</i> | <i>Dollars per cwt.</i>               |
| 1995 ..... | 2.31                              | 2.44                        | 4.75                                     | 2.51                      | 5.79                      | 2.51                                  |
| 1996 ..... | 3.87                              | 3.97                        | 7.30                                     | 4.02                      | 7.45                      | 4.06                                  |
| 1997 ..... | 2.70                              | 2.84                        | 5.02                                     | 2.88                      | 7.84                      | 2.90                                  |
| 1998 ..... | 2.36                              | 2.56                        | 4.72                                     | 2.59                      | 6.68                      | 2.62                                  |
| 1999 ..... | 1.88                              | 2.15                        | 3.79                                     | 2.13                      | .....                     | 2.17                                  |
| 2000 ..... | 1.82                              | 1.97                        | 3.51                                     | 2.01                      | .....                     | 2.00                                  |
| 2001 ..... | .....                             | 1.98                        | .....                                    | 2.03                      | .....                     | .....                                 |
| 2002 ..... | 2.13                              | 2.24                        | 4.27                                     | 2.29                      | .....                     | 2.33                                  |
| 2003 ..... | 2.24                              | 2.34                        | 3.94                                     | 2.42                      | .....                     | 2.38                                  |

<sup>1</sup> Simple average of daily prices.

AMS, Livestock and Grain Market News Branch, (202) 720–6231.

**Table 1-75.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1994–2003**

| Year beginning October | Soybean meal           |                        | Cottonseed meal        |                        | Linseed meal           | Meat meal              | Fish meal              | Wheat bran             | Wheat middlings        |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|                        | 44% protein            | 49–50% protein         | 41% protein            | 41% protein            | 34% protein            | 50% protein            | 60% protein            | Kansas City            | Minneapolis            |
|                        | Decatur                | Decatur                | Kansas City            | Memphis                | Minneapolis            | Kansas City            | Gulf Coast             |                        |                        |
|                        | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| 1994 .....             | 152.50                 | 171.70                 | 129.40                 | 120.80                 | 95.00                  | 168.70                 | 365.00                 | 65.50                  | 53.90                  |
| 1995 .....             | 225.10                 | 243.10                 | 208.80                 | 19.70                  | 159.00                 | 231.50                 | 478.70                 | 120.30                 | 108.00                 |
| 1996 .....             | 260.40                 | 279.70                 | 207.50                 | 91.40                  | 158.70                 | 271.80                 | 502.60                 | 88.30                  | 80.20                  |
| 1997 .....             | 175.00                 | 196.10                 | 162.60                 | 144.00                 | 117.50                 | 180.90                 | 545.60                 | 73.30                  | 61.20                  |
| 1998 .....             | 132.00                 | 138.50                 | 132.20                 | 109.60                 | 84.50                  | 138.10                 | 387.50                 | 55.90                  | 60.90                  |
| 1999 .....             | 131.99                 | 138.55                 | 130.20                 | 109.60                 | 84.50                  | 138.10                 | 387.80                 | 55.88                  | 49.58                  |
| 2000 .....             | 160.03                 | 168.10                 | 146.50                 | 130.70                 | 103.10                 | 166.50                 | 326.40                 | 53.37                  | 45.81                  |
| 2001 .....             | 165.21                 | 173.60                 | 165.00                 | 142.70                 | 121.90                 | 166.50                 | 358.20                 | 62.93                  | 50.81                  |
| 2002 .....             | 153.82                 | 167.72                 | 160.10                 | 136.20                 | 119.20                 | 166.00                 | 460.00                 | 59.74                  | 58.42                  |
| 2003 .....             | 115.60                 | 208.95                 | 172.52                 | 152.24                 | 134.31                 | 196.30                 | 487.50                 | 65.07                  | 56.05                  |

  

| Year beginning October | Wheat shorts or mid-dlings | Wheat millrun          | Gluten feed            | Hominy feed            | Distillers' dried grains | Brewers' dried grains  | Alfalfa meal            |                        | Blackstrap molasses    |
|------------------------|----------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|-------------------------|------------------------|------------------------|
|                        | Kansas City                | Portland               | 21% protein            | Illinois Points        | Lawrenceburg             | Columbus               | Dehydrated, 17% protein | Sun-cured              | New Orleans            |
|                        |                            |                        | Illinois Points        |                        |                          |                        | Kansas City             | Kansas City            |                        |
|                        | <i>Dollars per ton</i>     | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i>   | <i>Dollars per ton</i> | <i>Dollars per ton</i>  | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| 1994 .....             | 66.30                      | 82.00                  | 82.00                  | 83.80                  | 105.40                   | 73.40                  | 118.40                  | 112.7                  | 71.20                  |
| 1995 .....             | 120.40                     | 118.70                 | 119.30                 | 132.10                 | 156.10                   | 134.40                 | 130.40                  | 122                    | 77.50                  |
| 1996 .....             | 80.30                      | 95.70                  | 90.20                  | 88.90                  | 139.80                   | 134.60                 | 142.70                  | 130.9                  | 60.10                  |
| 1997 .....             | 73.30                      | 74.30                  | 67.20                  | 78.90                  | 105.80                   | 107.20                 | 126.80                  | 115                    | 51.50                  |
| 1998 .....             | 55.90                      | 54.30                  | 60.40                  | 62.20                  | 85.20                    | 84.20                  | 101.50                  | 92.00                  | 35.50                  |
| 1999 .....             | 55.88                      | 54.34                  | 60.41                  | 67.19                  | 85.15                    | 84.19                  | 101.55                  | 91.99                  | 35.48                  |
| 2000 .....             | 57.82                      | 60.92                  | 53.64                  | 58.71                  | 79.90                    | 90.94                  | 97.59                   | 86.58                  | 38.72                  |
| 2001 .....             | 62.88                      | 63.25                  | 60.55                  | 55.02                  | 80.62                    | 94.00                  | 139.06                  | 130.38                 | 63.16                  |
| 2002 .....             | 59.77                      | 75.95                  | 59.63                  | 63.23                  | 80.19                    | 94.00                  | 154.05                  | 134.34                 | 68.63                  |
| 2003 .....             | 65.27                      | 85.49                  | 70.15                  | 72.66                  | 93.13                    | 94.95                  | 138.61                  | 122.48                 | 58.00                  |

AMS, Livestock and Grain Market News Branch, (202) 720-6231.

**Table 1-76.—Proso millet: Area, yield, production, and value, United States, 1999–2003**

| Year                    | Area               |                    | Yield per harvested acre | Production           | Marketing year average price per bushel received by farmers <sup>1</sup> | Value of production <sup>1</sup> |
|-------------------------|--------------------|--------------------|--------------------------|----------------------|--|----------------------------------|
|                         | Planted            | Harvested          |                          |                      |  |                                  |
|                         | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Bushels</i>           | <i>1,000 bushels</i> | <i>Dollars</i>   | <i>1,000 dollars</i>             |
| 1999 .....              | 600                | 540                | 33.2                     | 17,910               | 2.12   | 38,033                           |
| 2000 .....              | 440                | 370                | 19.8                     | 7,320                | 4.79   | 35,034                           |
| 2001 .....              | 650                | 585                | 33.2                     | 19,405               | 2.02   | 39,109                           |
| 2002 .....              | 520                | 275                | 13.3                     | 3,668                | 7.22   | 19,882                           |
| 2003 <sup>2</sup> ..... | 730                | 620                | 18.5                     | 11,450               | 2.87   | 32,888                           |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-77.—Proso millet: Area, yield, and production, by States, 2001–2003**

| State    | Area planted       |                    |                    | Area harvested     |                    |                    |
|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|          | 2001               | 2002               | 2003 <sup>1</sup>  | 2001               | 2002               | 2003 <sup>1</sup>  |
|          | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> |
| CO ..... | 240                | 250                | 320                | 230                | 115                | 285                |
| NE ..... | 190                | 170                | 200                | 180                | 100                | 170                |
| SD ..... | 220                | 100                | 210                | 175                | 60                 | 165                |
| US ..... | 650                | 520                | 730                | 585                | 275                | 620                |

  

| State    | Yield per acre |                |                   | Production           |                      |                      |
|----------|----------------|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001           | 2002           | 2003 <sup>1</sup> | 2001                 | 2002                 | 2003 <sup>1</sup>    |
|          | <i>Bushels</i> | <i>Bushels</i> | <i>Bushels</i>    | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> |
| CO ..... | 35.0           | 10.5           | 19.0              | 8,050                | 1,208                | 5,415                |
| NE ..... | 31.0           | 12.0           | 19.0              | 5,580                | 1,200                | 3,230                |
| SD ..... | 33.0           | 21.0           | 17.0              | 5,775                | 1,260                | 2,805                |
| US ..... | 33.2           | 13.3           | 18.5              | 19,405               | 3,668                | 11,450               |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-78.—Proso millet: Marketing year average price and value, by States, crop of 2001, 2002, and 2003 <sup>1</sup>**

| State    | Marketing year average price per bushel |                |                   | Value of production  |                      |                      |
|----------|---|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001                                    | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Dollars</i>                          | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| CO ..... | 2.00                                    | 7.40           | 2.70              | 16,100               | 7,030                | 14,621               |
| NE ..... | 1.95                                    | 7.20           | 3.05              | 10,881               | 6,084                | 9,852                |
| SD ..... | 2.10                                    | 7.05           | 3.00              | 12,128               | 6,768                | 8,415                |
| US ..... | 2.02                                    | 7.22           | 2.87              | 39,109               | 19,882               | 32,888               |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

## CHAPTER X

### INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

**Table 10-1.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948–2001**

| Crop                          | Year      | Drought heat (excess) | Hail     | Precip. (excess poor drainage) | Frost freeze, (other cold damage) | Flood    | Cy-clone, tornado, wind, hot wind | In-sects | Dis-ease | All others |
|-------------------------------|-----------|-----------------------|----------|--------------------------------|-----------------------------------|----------|-----------------------------------|----------|----------|------------|
|                               |           | Per-cent              | Per-cent | Per-cent                       | Per-cent                          | Per-cent | Per-cent                          | Per-cent | Per-cent | Per-cent   |
| Adjusted gross revenue .....  | 2001-2002 | 8                     | 11       | 1                              | 35                                | 0        | 2                                 | 0        | 0        | 41         |
| Alfalfa seed .....            | 2002-2002 | 37                    | 14       | 0                              | 11                                | 0        | 14                                | 0        | 0        | 24         |
| All other citrus tree .....   | 2000-2001 | 0                     | 0        | 0                              | 23                                | 0        | 0                                 | 0        | 0        | 77         |
| All other grapefruit .....    | 2001-2003 | 0                     | 0        | 0                              | 49                                | 0        | 51                                | 0        | 0        | 0          |
| Almonds .....                 | 1981-2002 | 1                     | 4        | 60                             | 29                                | 0        | 6                                 | 0        | 0        | 0          |
| Apples .....                  | 1963-2002 | 7                     | 26       | 4                              | 53                                | 0        | 3                                 | 0        | 0        | 7          |
| Avocado trees .....           | 1996-2001 | 0                     | 0        | 82                             | 0                                 | 0        | 18                                | 0        | 0        | 0          |
| Avocados .....                | 1998-2002 | 3                     | 0        | 10                             | 22                                | 0        | 43                                | 15       | 0        | 7          |
| Barley .....                  | 1956-2002 | 39                    | 19       | 26                             | 4                                 | 1        | 2                                 | 2        | 3        | 3          |
| Blueberries .....             | 1995-2002 | 21                    | 12       | 0                              | 60                                | 1        | 1                                 | 0        | 0        | 6          |
| Burley tobacco .....          | 1997-2002 | 24                    | 7        | 32                             | 4                                 | 6        | 2                                 | 0        | 23       | 1          |
| Cabbage .....                 | 1999-2002 | 7                     | 1        | 9                              | 3                                 | 1        | 20                                | 58       | 1        | 1          |
| Canning peaches .....         | 1986-1987 | 4                     | 0        | 92                             | 0                                 | 0        | 0                                 | 0        | 0        | 4          |
| Canola .....                  | 1995-2002 | 16                    | 18       | 41                             | 17                                | 0        | 2                                 | 3        | 2        | 0          |
| Carambola trees .....         | 2001-2001 | 0                     | 0        | 100                            | 0                                 | 0        | 0                                 | 0        | 0        | 0          |
| Cherries .....                | 1963-2002 | 0                     | 11       | 33                             | 48                                | 0        | 7                                 | 0        | 0        | 0          |
| Chile peppers .....           | 2000-2002 | 2                     | 28       | 4                              | 25                                | 0        | 12                                | 14       | 1        | 13         |
| Cigar binder tobacco .....    | 1997-2002 | 6                     | 5        | 37                             | 0                                 | 0        | 1                                 | 0        | 51       | 0          |
| Cigar filler tobacco .....    | 1998-2002 | 85                    | 0        | 0                              | 0                                 | 0        | 0                                 | 1        | 13       | 0          |
| Cigar wrapper tobacco ..      | 1997-2002 | 0                     | 0        | 54                             | 0                                 | 0        | 0                                 | 0        | 46       | 0          |
| Citrus .....                  | 1952-1997 | 8                     | 2        | 0                              | 87                                | 0        | 2                                 | 0        | 0        | 0          |
| Citrus I .....                | 1998-2003 | 0                     | 1        | 0                              | 82                                | 0        | 17                                | 0        | 0        | 0          |
| Citrus II .....               | 2000-2001 | 0                     | 0        | 0                              | 100                               | 0        | 0                                 | 0        | 0        | 0          |
| Citrus III .....              | 2001-2001 | 0                     | 0        | 0                              | 100                               | 0        | 0                                 | 0        | 0        | 0          |
| Citrus IV .....               | 1998-2003 | 0                     | 24       | 0                              | 65                                | 0        | 11                                | 0        | 0        | 0          |
| Citrus V .....                | 1999-2003 | 0                     | 7        | 0                              | 77                                | 0        | 17                                | 0        | 0        | 0          |
| Citrus VII .....              | 1998-2003 | 0                     | 51       | 0                              | 35                                | 0        | 14                                | 0        | 0        | 0          |
| Citrus tree .....             | 1984-1997 | 0                     | 0        | 0                              | 100                               | 0        | 0                                 | 0        | 0        | 0          |
| Clams .....                   | 2001-2002 | 0                     | 0        | 0                              | 2                                 | 0        | 3                                 | 0        | 0        | 95         |
| Combined crop .....           | 1981-1987 | 0                     | 0        | 0                              | 0                                 | 0        | 0                                 | 0        | 0        | 100        |
| Corn .....                    | 1948-2002 | 23                    | 13       | 12                             | 12                                | 10       | 14                                | 2        | 4        | 11         |
| Cotton .....                  | 1948-2002 | 23                    | 12       | 13                             | 14                                | 6        | 20                                | 5        | 2        | 7          |
| Cotton ex long staple .....   | 1984-2002 | 16                    | 16       | 19                             | 11                                | 0        | 11                                | 16       | 1        | 10         |
| Crambe .....                  | 1999-2001 | 7                     | 16       | 32                             | 12                                | 0        | 26                                | 0        | 7        | 0          |
| Cranberries .....             | 1984-2002 | 15                    | 13       | 7                              | 52                                | 0        | 1                                 | 5        | 1        | 5          |
| Cultivated wild rice .....    | 1999-2002 | 8                     | 32       | 3                              | 3                                 | 0        | 21                                | 2        | 0        | 31         |
| Dark air tobacco .....        | 1997-2002 | 62                    | 1        | 13                             | 4                                 | 1        | 3                                 | 0        | 15       | 0          |
| Dry beans .....               | 1948-2002 | 17                    | 32       | 19                             | 23                                | 1        | 3                                 | 0        | 4        | 1          |
| Dry peas .....                | 1963-2002 | 48                    | 24       | 13                             | 10                                | 0        | 1                                 | 0        | 3        | 0          |
| Early & Mid oranges .....     | 1998-20   | 0                     | 9        | 2                              | 66                                | 0        | 22                                | 0        | 0        | 103        |
| Figs .....                    | 1988-20   | 10                    | 0        | 42                             | 36                                | 0        | 3                                 | 0        | 0        | 902        |
| Fire cured tobacco .....      | 1997-20   | 29                    | 10       | 17                             | 17                                | 1        | 3                                 | 0        | 8        | 1502       |
| Flax .....                    | 1948-20   | 36                    | 11       | 47                             | 2                                 | 0        | 1                                 | 1        | 1        | 102        |
| Flue cured tobacco .....      | 1997-20   | 28                    | 14       | 6                              | 3                                 | 2        | 17                                | 0        | 30       | 102        |
| Forage production .....       | 1979-20   | 39                    | 2        | 24                             | 29                                | 0        | 1                                 | 1        | 0        | 402        |
| Forage seeding .....          | 1978-20   | 29                    | 0        | 36                             | 33                                | 1        | 0                                 | 0        | 0        | 002        |
| Fresh apricots .....          | 1997-20   | 0                     | 58       | 17                             | 23                                | 0        | 2                                 | 0        | 0        | 002        |
| Fresh freestone peaches ..... | 1997-20   | 3                     | 38       | 36                             | 23                                | 0        | 0                                 | 0        | 0        | 002        |
| Fresh market beans .....      | 2000-20   | 0                     | 0        | 72                             | 15                                | 0        | 8                                 | 0        | 4        | 002        |
| Fresh market sweet corn ..... | 1985-20   | 25                    | 2        | 24                             | 41                                | 0        | 8                                 | 0        | 0        | 102        |
| Fresh market tomatoes .....   | 1984-20   | 8                     | 19       | 38                             | 14                                | 0        | 10                                | 3        | 8        | 002        |
| Fresh nectarines .....        | 1997-20   | 1                     | 60       | 19                             | 20                                | 0        | 0                                 | 0        | 0        | 002        |
| Fresh plums .....             | 1990-19   | 0                     | 59       | 8                              | 32                                | 0        | 1                                 | 0        | 0        | 097        |
| Grain sorghum .....           | 1959-20   | 35                    | 7        | 26                             | 13                                | 2        | 12                                | 3        | 0        | 202        |
| Grapefruit .....              | 1997-20   | 30                    | 5        | 1                              | 43                                | 0        | 22                                | 0        | 0        | 003        |
| Grapefruit trees .....        | 2000-20   | 0                     | 0        | 0                              | 3                                 | 0        | 0                                 | 0        | 0        | 9702       |
| Grapes .....                  | 1967-20   | 15                    | 4        | 22                             | 56                                | 0        | 1                                 | 0        | 0        | 102        |
| Green peas .....              | 1962-20   | 38                    | 4        | 52                             | 3                                 | 0        | 1                                 | 0        | 2        | 102        |
| Hybrid corn seed .....        | 1983-20   | 57                    | 3        | 30                             | 3                                 | 0        | 3                                 | 0        | 3        | 002        |
| Hybr sorghum seed .....       | 1988-20   | 14                    | 13       | 1                              | 56                                | 0        | 14                                | 0        | 0        | 102        |
| Income protection corn .....  | 1996-19   | 3                     | 0        | 93                             | 3                                 | 0        | 0                                 | 0        | 0        | 096        |

See end of table.

**Table 10-1.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948–2003—Continued**

| Crop                       | Year      | Drought heat (excess) | Hail     | Precip. (excess poor drainage) | Frost freeze, (other cold damage) | Flood    | Cy-clone, tornado, wind, hot wind | In-sects | Dis-ease | All others |
|----------------------------|-----------|-----------------------|----------|--------------------------------|-----------------------------------|----------|-----------------------------------|----------|----------|------------|
|                            |           | Per-cent              | Per-cent | Per-cent                       | Per-cent                          | Per-cent | Per-cent                          | Per-cent | Per-cent | Per-cent   |
| Income protection cotton   | 1996-1996 | 96                    | 0        | 4                              | 0                                 | 0        | 0                                 | 0        | 0        | 0          |
| Income protection wheat    | 1996-1996 | 9                     | 0        | 90                             | 0                                 | 1        | 0                                 | 0        | 0        | 0          |
| Late oranges               | 1998-2003 | 0                     | 0        | 0                              | 52                                | 0        | 24                                | 0        | 0        | 24         |
| Lemons                     | 1997-2003 | 2                     | 0        | 0                              | 99                                | 0        | 0                                 | 0        | 0        | 0          |
| Lime trees                 | 1998-2002 | 0                     | 0        | 0                              | 2                                 | 0        | 0                                 | 0        | 0        | 99         |
| Macadamia nuts             | 1996-2003 | 80                    | 0        | 6                              | 0                                 | 0        | 0                                 | 12       | 0        | 2          |
| Macadamia trees            | 2000-2000 | 0                     | 0        | 100                            | 0                                 | 0        | 0                                 | 0        | 0        | 0          |
| Mandarins                  | 1997-2003 | 33                    | 0        | 16                             | 50                                | 0        | 1                                 | 0        | 0        | 0          |
| Mango trees                | 1997-1997 | 0                     | 0        | 0                              | 100                               | 0        | 0                                 | 0        | 0        | 0          |
| Maryland tobacco           | 1997-2002 | 65                    | 5        | 7                              | 4                                 | 0        | 3                                 | 0        | 15       | 0          |
| Millet                     | 1996-2002 | 72                    | 17       | 10                             | 0                                 | 0        | 1                                 | 0        | 0        | 0          |
| Minneola tangelos          | 1998-2003 | 15                    | 5        | 8                              | 68                                | 0        | 6                                 | 0        | 0        | 0          |
| Mint                       | 2000-2002 | 28                    | 0        | 18                             | 51                                | 0        | 2                                 | 0        | 0        | 0          |
| Mustard                    | 1999-2002 | 10                    | 73       | 4                              | 9                                 | 0        | 4                                 | 0        | 0        | 0          |
| Navel oranges              | 1998-2003 | 68                    | 4        | 3                              | 24                                | 0        | 1                                 | 0        | 0        | 2          |
| Nursery                    | 1987-1999 | 24                    | 0        | 7                              | 11                                | 7        | 41                                | 3        | 5        | 0          |
| Nursery (F,G&C)            | 2001-2002 | 0                     | 3        | 25                             | 19                                | 36       | 14                                | 0        | 1        | 2          |
| Oats                       | 1956-2002 | 45                    | 13       | 33                             | 4                                 | 0        | 1                                 | 1        | 1        | 1          |
| Onions                     | 1988-2002 | 15                    | 18       | 37                             | 7                                 | 0        | 2                                 | 0        | 20       | 2          |
| Orange trees               | 1996-2002 | 0                     | 0        | 2                              | 1                                 | 0        | 0                                 | 0        | 0        | 97         |
| Oranges                    | 1958-1980 | 0                     | 0        | 0                              | 101                               | 0        | 0                                 | 0        | 0        | 0          |
| Oranges                    | 1997-1997 | 30                    | 0        | 0                              | 37                                | 0        | 21                                | 0        | 0        | 11         |
| Orlando tangelos           | 1998-2001 | 0                     | 0        | 0                              | 100                               | 0        | 0                                 | 0        | 0        | 0          |
| Peaches                    | 1957-2002 | 4                     | 21       | 1                              | 70                                | 0        | 0                                 | 0        | 0        | 3          |
| Peanuts                    | 1962-2002 | 43                    | 0        | 21                             | 8                                 | 1        | 3                                 | 0        | 23       | 3          |
| Pears                      | 1989-2002 | 1                     | 22       | 1                              | 75                                | 0        | 0                                 | 0        | 0        | 2          |
| Pecans                     | 1998-2002 | 27                    | 17       | 32                             | 4                                 | 0        | 16                                | 0        | 0        | 5          |
| Peppers                    | 1984-2002 | 0                     | 15       | 45                             | 28                                | 0        | 11                                | 0        | 1        | 1          |
| Plums                      | 1998-2002 | 1                     | 49       | 29                             | 22                                | 0        | 0                                 | 0        | 0        | 0          |
| Popcorn                    | 1984-2002 | 63                    | 8        | 19                             | 5                                 | 0        | 2                                 | 1        | 3        | 0          |
| Potatoes                   | 1962-2002 | 22                    | 6        | 23                             | 26                                | 0        | 1                                 | 0        | 20       | 1          |
| Prevented planting         | 1982-1985 | 0                     | 0        | 97                             | 0                                 | 3        | 0                                 | 0        | 0        | 0          |
| Prev planting endorse      | 1986-1994 | 25                    | 0        | 14                             | 0                                 | 57       | 0                                 | 0        | 0        | 4          |
| Processing apricots        | 1997-2002 | 2                     | 9        | 20                             | 35                                | 0        | 35                                | 0        | 0        | 0          |
| Processing beans           | 1988-2002 | 43                    | 2        | 51                             | 2                                 | 0        | 1                                 | 0        | 1        | 0          |
| Processing cling pea       | 1997-2002 | 24                    | 3        | 33                             | 38                                | 0        | 1                                 | 0        | 0        | 0          |
| Processing cucumbers       | 2000-2002 | 81                    | 0        | 13                             | 5                                 | 0        | 1                                 | 0        | 1        | 0          |
| Processing freestone       | 1998-2002 | 7                     | 1        | 10                             | 84                                | 0        | 0                                 | 0        | 0        | 0          |
| Prunes                     | 1986-2002 | 23                    | 2        | 17                             | 56                                | 0        | 2                                 | 0        | 0        | 1          |
| Raisins                    | 1961-2001 | 0                     | 0        | 100                            | 0                                 | 0        | 0                                 | 0        | 0        | 0          |
| Rangeland                  | 1999-2002 | 0                     | 0        | 0                              | 0                                 | 0        | 0                                 | 0        | 0        | 100        |
| Raspberry and black-berry  | 2002-2002 | 0                     | 0        | 0                              | 0                                 | 0        | 100                               | 0        | 0        | 0          |
| Revenue coverage corn      | 1996-1996 | 20                    | 44       | 3                              | 0                                 | 26       | 0                                 | 0        | 1        | 0          |
| Revenue coverage soy-beans | 1996-1996 | 1                     | 24       | 55                             | 6                                 | 13       | 0                                 | 0        | 3        | 0          |
| Rice                       | 1960-2002 | 18                    | 0        | 45                             | 5                                 | 7        | 3                                 | 0        | 5        | 12         |
| Rio red & star ruby        | 1998-2003 | 0                     | 2        | 0                              | 10                                | 0        | 12                                | 3        | 0        | 11         |
| Ruby red grapefruit        | 1998-2003 | 0                     | 15       | 0                              | 71                                | 0        | 2                                 | 0        | 0        | 0          |
| Rye                        | 1980-2002 | 46                    | 9        | 31                             | 84                                | 0        | 2                                 | 0        | 0        | 0          |
| Safflower                  | 1964-2002 | 38                    | 4        | 19                             | 10                                | 0        | 19                                | 1        | 1        | 0          |
| Soybeans                   | 1955-2002 | 29                    | 14       | 22                             | 18                                | 9        | 4                                 | 1        | 2        | 6          |
| Special citrus             | 1992-1994 | 6                     | 12       | 0                              | 13                                | 0        | 0                                 | 0        | 0        | 0          |
| Stonefruit                 | 1988-1996 | 1                     | 28       | 44                             | 82                                | 0        | 2                                 | 0        | 0        | 7          |
| Strawberries               | 2000-2002 | 60                    | 0        | 1                              | 19                                | 0        | 0                                 | 0        | 22       | 0          |
| Sugar beets                | 1965-2002 | 13                    | 11       | 28                             | 16                                | 2        | 11                                | 2        | 14       | 1          |
| Sugarcane                  | 1967-2002 | 16                    | 0        | 7                              | 19                                | 0        | 4                                 | 2        | 19       | 32         |
| Sunflowers                 | 1976-2002 | 24                    | 17       | 28                             | 21                                | 0        | 4                                 | 6        | 7        | 3          |
| Sweet corn                 | 1978-2002 | 47                    | 0        | 32                             | 12                                | 0        | 2                                 | 0        | 0        | 1          |
| Sweet oranges              | 1998-2003 | 19                    | 0        | 4                              | 16                                | 0        | 15                                | 1        | 0        | 0          |
| Sweetpotatoes              | 1998-2002 | 42                    | 0        | 42                             | 62                                | 0        | 12                                | 4        | 0        | 1          |
| Table grapes               | 1984-2002 | 30                    | 10       | 27                             | 0                                 | 0        | 0                                 | 0        | 0        | 1          |
| Tangelos                   | 1997-1997 | 3                     | 00       | 0                              | 32                                | 0        | 0                                 | 0        | 0        | 0          |
| Tobacco                    | 1948-1996 | 24                    | 18       | 21                             | 97                                | 2        | 15                                | 0        | 17       | 2          |
| Tomatoes                   | 1963-2002 | 20                    | 1        | 67                             | 1                                 | 1        | 1                                 | 0        | 2        | 1          |
| Tung nuts                  | 1965-1970 | 0                     | 0        | 0                              | 6                                 | 0        | 0                                 | 0        | 0        | 0          |
| Valencia oranges           | 1998-2003 | 48                    | 4        | 1                              | 100                               | 0        | 2                                 | 0        | 0        | 0          |
| Walnuts                    | 1984-2002 | 24                    | 4        | 53                             | 45                                | 0        | 2                                 | 0        | 0        | 0          |
| Watermelons                | 1999-1999 | 8                     | 7        | 38                             | 18                                | 0        | 14                                | 0        | 29       | 2          |
| Wheat                      | 1948-2002 | 21                    | 10       | 11                             | 1                                 | 4        | 10                                | 3        | 8        | 6          |
| Winter squash              | 1999-2002 | 55                    | 3        | 39                             | 26                                | 0        | 0                                 | 0        | 1        | 1          |

GRP crops do not have any specific cause of loss.  
RMA, Program Automation Branch, (816) 926-7910.

**Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2001–2004<sup>1</sup>**

| Commodity and year      | Coverage        |                            |                           |                            | Amount of premium<br><i>1,000 dollars</i> | Indemnities |                               |                      |
|-------------------------|-----------------|----------------------------|---------------------------|----------------------------|---|-------------|-------------------------------|----------------------|
|                         | County programs | Insured units <sup>2</sup> | Area insured <sup>3</sup> | Maximum insured production |   | Number      | Area indemnified <sup>3</sup> | Amount               |
|                         | <i>Number</i>   | <i>Number</i>              | <i>1,000 acres</i>        | <i>1,000 dollars</i>       |   |             | <i>1,000 acres</i>            | <i>1,000 dollars</i> |
| Adjusted gross revenue: |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 88              | 75                         | 0                         | 9,331                      | 388                                       | 24          | 390                           |                      |
| 2001 .....              | 214             | 541                        | 0                         | 184,540                    | 6,688                                     | 122         | 11,938                        |                      |
| 2002 .....              | 214             | 749                        | 0                         | 245,273                    | 8,996                                     | 142         | 10,276                        |                      |
| Alfalfa seed:           |                 |                            |                           |                            |   |             |                               |                      |
| 2002 .....              | 10              | 180                        | 11                        | 5,364                      | 402                                       | 54          | 3                             | 552                  |
| All other citrus trees: |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 28              | 992                        | 0                         | 43,745                     | 852                                       | 1           | 0                             | 7                    |
| 2001 .....              | 28              | 1,012                      | 0                         | 45,056                     | 1,113                                     | 3           | 7                             | 56                   |
| 2002 .....              | 28              | 1,017                      | 0                         | 56,229                     | 1,377                                     | 0           |                               | 0                    |
| All other grapefruit:   |                 |                            |                           |                            |   |             |                               |                      |
| 2001 .....              | 3               | 2                          | 0                         | 1                          | 0   | 1           | 0                             | 1                    |
| 2002 .....              | 3               | 3                          | 0                         | 2                          | 0   | 0           |                               | 0                    |
| 2003 .....              | 3               | 2                          | 0                         | 1                          | 0   | 1           | 0                             | 0                    |
| Almonds:                |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 16              | 4,335                      | 312                       | 326,546                    | 21,526                                    | 835         | 49                            | 19,479               |
| 2001 .....              | 16              | 4,205                      | 320                       | 280,888                    | 18,841                                    | 437         | 38                            | 12,172               |
| 2002 .....              | 16              | 4,186                      | 338                       | 283,625                    | 18,785                                    | 221         | 20                            | 6,487                |
| Apples:                 |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 332             | 4,626                      | 258                       | 291,536                    | 17,498                                    | 731         | 24                            | 19,458               |
| 2001 .....              | 332             | 5,075                      | 263                       | 352,402                    | 23,916                                    | 956         | 27                            | 29,331               |
| 2002 .....              | 332             | 5,090                      | 254                       | 321,131                    | 22,446                                    | 1,354       | 44                            | 33,123               |
| Avocado trees:          |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              |                 | 207                        | 0                         | 3,078                      | 93  | 3           | 0                             | 4                    |
| 2001 .....              | 1               | 231                        | 0                         | 5,892                      | 172                                       | 3           | 0                             | 13                   |
| 2002 .....              | 1               | 210                        | 0                         | 5,523                      | 161                                       | 0           |                               | 0                    |
| Avocados:               |                 |                            |                           |                            |   |             |                               |                      |
| 2002 .....              | 1               | 96                         | 1                         | 978                        | 47  | 0           |                               | 0                    |
| 2002 .....              | 6               | 1,162                      | 30                        | 38,084                     | 5,583                                     | 43          | 1                             | 538                  |
| 2003 .....              | 6               | 1,102                      | 30                        | 39,748                     | 5,776                                     | 0           |                               | 0                    |
| Barley:                 |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 1,539           | 45,447                     | 3,936                     | 195,948                    | 18,439                                    | 10,237      | 1,238                         | 26,566               |
| 2001 .....              | 1,539           | 42,393                     | 3,267                     | 203,794                    | 21,099                                    | 14,448      | 1,737                         | 43,281               |
| 2002 .....              | 1,539           | 43,399                     | 3,409                     | 248,126                    | 26,453                                    | 18,008      | 2,090                         | 59,607               |
| Blueberries:            |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 32              | 467                        | 27                        | 15,749                     | 1,364                                     | 32          | 1                             | 729                  |
| 2001 .....              | 32              | 538                        | 32                        | 20,312                     | 1,637                                     | 83          | 2                             | 1,45                 |
| 2002 .....              | 32              | 525                        | 32                        | 22,182                     | 1,819                                     | 50          | 2                             | 872                  |
| Burley tobacco:         |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 277             | 33,464                     | 95                        | 198,867                    | 16,069                                    | 6,087       | 25                            | 29,763               |
| 2001 .....              | 277             | 27,762                     | 96                        | 183,570                    | 14,927                                    | 4,186       | 16                            | 18,880               |
| 2002 .....              | 277             | 24,444                     | 76                        | 171,988                    | 13,829                                    | 5,247       | 23                            | 29,294               |
| Cabbage:                |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 27              | 247                        | 18                        | 17,244                     | 1,244                                     | 52          | 3                             | 2,453                |
| 2001 .....              | 27              | 351                        | 15                        | 11,376                     | 727                                       | 49          | 1                             | 516                  |
| 2002 .....              | 27              | 446                        | 15                        | 12,756                     | 831                                       | 76          | 2                             | 970                  |
| Canola:                 |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 206             | 17,267                     | 1,348                     | 107,140                    | 12,389                                    | 3,619       | 345                           | 11,592               |
| 2001 .....              | 225             | 18,947                     | 1,517                     | 115,980                    | 15,253                                    | 5,142       | 465                           | 17,249               |
| 2002 .....              | 225             | 17,714                     | 1,442                     | 125,208                    | 16,096                                    | 7,725       | 805                           | 37,811               |
| Carambola trees:        |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 1               | 20                         | 0                         | 380                        | 9   | 0           |                               | 0                    |
| 2001 .....              | 1               | 17                         | 0                         | 242                        | 6   | 1           | 0                             | 4                    |
| 2002 .....              | 1               | 15                         | 0                         | 244                        | 6   | 0           |                               | 0                    |
| Cherries:               |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 21              | 1,464                      | 31                        | 47,929                     | 4,332                                     | 252         | 6                             | 4,746                |
| 2001 .....              | 21              | 1,748                      | 32                        | 50,296                     | 4,682                                     | 285         | 5                             | 4,855                |
| 2002 .....              | 21              | 1,831                      | 34                        | 52,713                     | 4,965                                     | 354         | 6                             | 5,087                |
| Chili peppers:          |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 3               | 71                         | 7                         | 4,084                      | 279                                       | 7           | 0                             | 157                  |
| 2001 .....              | 3               | 103                        | 8                         | 4,836                      | 355                                       | 31          | 2                             | 551                  |
| 2002 .....              | 3               | 86                         | 7                         | 4,513                      | 336                                       | 5           | 0                             | 167                  |
| Cigar binder tobacco:   |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 16              | 835                        | 3                         | 16,749                     | 991                                       | 297         | 2                             | 11,609               |
| 2001 .....              | 16              | 778                        | 3                         | 16,327                     | 1,083                                     | 121         | 0                             | 1,719                |
| 2002 .....              | 16              | 764                        | 4                         | 16,440                     | 1,139                                     | 92          | 1                             | 2,024                |
| Cigar filler tobacco:   |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 3               | 4                          | 0                         | 41                         | 1   | 0           |                               | 0                    |
| 2001 .....              | 3               | 5                          | 0                         | 46                         | 1   | 0           |                               | 0                    |
| 2002 .....              | 3               | 38                         | 0                         | 506                        | 20  | 2           | 0                             | 1                    |
| Cigar wrapper tobacco:  |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....              | 5               | 37                         | 1                         | 21,241                     | 1,169                                     | 10          | 0                             | 3,809                |
| 2001 .....              | 5               | 38                         | 1                         | 23,227                     | 1,391                                     | 9           | 1                             | 2,981                |
| 2002 .....              | 5               | 45                         | 1                         | 21,409                     | 1,361                                     | 17          | 0                             | 2,062                |

See footnotes at end of table.

**Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2001–2004<sup>1</sup>—Continued**

| Commodity and year    | Coverage        |                            |                           |                            | Amount of premium    | Indemnities |                               |                      |
|-----------------------|-----------------|----------------------------|---------------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|
|                       | County programs | Insured units <sup>2</sup> | Area insured <sup>3</sup> | Maximum insured production |                      | Number      | Area indemnified <sup>3</sup> | Amount               |
|                       | <i>Number</i>   | <i>Number</i>              | <i>1,000 acres</i>        | <i>1,000 dollars</i>       | <i>1,000 dollars</i> |             | <i>1,000 acres</i>            | <i>1,000 dollars</i> |
| Citrus I:             |                 |                            |                           |                            |                      |             |                               |                      |
| 2001                  | 29.0            | 2,491.0                    | 238.0                     | 141,973.0                  | 3,163.0              | 53.0        | 1.0                           | 490                  |
| 2002                  | 29.0            | 2,645.0                    | 234.0                     | 140,249.0                  | 3,070.0              | 2.0         | 0.0                           | 8                    |
| 2003                  | 29.0            | 2,554.0                    | 232.0                     | 116,167.0                  | 2,530.0              | 1.0         | 0.0                           | 5                    |
| Citrus II:            |                 |                            |                           |                            |                      |             |                               |                      |
| 2001                  | 29.0            | 1,909.0                    | 237.0                     | 176,417.0                  | 4,479.0              | 45.0        | 2.0                           | 1,113                |
| 2002                  | 29.0            | 1,949.0                    | 230.0                     | 175,954.0                  | 4,457.0              | 0.0         | .....                         | 0                    |
| 2003                  | 29.0            | 1,955.0                    | 235.0                     | 143,515.0                  | 3,647.0              | 0.0         | .....                         | 0                    |
| Citrus III:           |                 |                            |                           |                            |                      |             |                               |                      |
| 2001                  | 29.0            | 104.0                      | 4.0                       | 1,673.0                    | 42.0                 | 3.0         | 0.0                           | 11                   |
| 2002                  | 29.0            | 116.0                      | 6.0                       | 2,646.0                    | 65.0                 | 0.0         | .....                         | 0                    |
| 2003                  | 29.0            | 108.0                      | 8.0                       | 3,091.0                    | 70.0                 | 0.0         | .....                         | 0                    |
| Citrus IV:            |                 |                            |                           |                            |                      |             |                               |                      |
| 2001                  | 29.0            | 1,157.0                    | 36.0                      | 23,638.0                   | 684.0                | 93.0        | 2.0                           | 853                  |
| 2002                  | 29.0            | 1,614.0                    | 34.0                      | 23,384.0                   | 686.0                | 22.0        | 0.0                           | 185                  |
| 2003                  | 29.0            | 1,487.0                    | 31.0                      | 20,227.0                   | 599.0                | 7.0         | 0.0                           | 22                   |
| Citrus trees I:       |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 3.0             | 616.0                      | 7.0                       | 17,972.0                   | 782.0                | 0.0         | .....                         | 0                    |
| 2001                  | 3.0             | 609.0                      | 7.0                       | 18,161.0                   | 786.0                | 0.0         | .....                         | 0                    |
| 2002                  | 3.0             | 584.0                      | 6.0                       | 17,752.0                   | 764.0                | 0.0         | .....                         | 0                    |
| Citrus trees II:      |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 3.0             | 110.0                      | 1.0                       | 1,952.0                    | 91.0                 | 0.0         | .....                         | 0                    |
| 2001                  | 3.0             | 109.0                      | 1.0                       | 2,228.0                    | 103.0                | 0.0         | .....                         | 0                    |
| 2002                  | 3.0             | 108.0                      | 1.0                       | 2,560.0                    | 119.0                | 0.0         | .....                         | 0                    |
| Citrus trees III:     |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 3               | 6                          | 0                         | 92                         | 5                    | 0           | .....                         | 0                    |
| 2001                  | 3               | 7                          | 0                         | 106                        | 6                    | 0           | .....                         | 0                    |
| 2002                  | 3               | 7                          | 0                         | 109                        | 6                    | 0           | .....                         | 0                    |
| Citrus trees IV:      |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 3               | 858                        | 14                        | 35,344                     | 1,965                | 0           | .....                         | 0                    |
| 2001                  | 3               | 874                        | 14                        | 37,049                     | 2,049                | 0           | .....                         | 0                    |
| 2002                  | 3               | 851                        | 14                        | 37,412                     | 2,060                | 0           | .....                         | 0                    |
| Citrus trees V:       |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 3               | 227                        | 3                         | 7,451                      | 488                  | 0           | .....                         | 0                    |
| 2001                  | 3               | 214                        | 3                         | 7,077                      | 462                  | 0           | .....                         | 0                    |
| 2002                  | 3               | 190                        | 2                         | 6,636                      | 430                  | 0           | .....                         | 0                    |
| Citrus trees:         |                 |                            |                           |                            |                      |             |                               |                      |
| 1997                  | .....           | 1                          | 0                         | 61                         | 4                    | 0           | .....                         | 0                    |
| 1997                  | .....           | 2,108                      | 26                        | 60,286                     | 3,549                | 2           | 0                             | 12                   |
| Citrus V:             |                 |                            |                           |                            |                      |             |                               |                      |
| 2002                  | 29              | 449                        | 12                        | 20,746                     | 723                  | 98          | 3                             | 3,578                |
| 2003                  | 29              | 495                        | 12                        | 20,753                     | 700                  | 18          | 0                             | 632                  |
| 2004                  | 29              | 465                        | 13                        | 18,907                     | 647                  | 7           | 0                             | 58                   |
| Citrus VI:            |                 |                            |                           |                            |                      |             |                               |                      |
| 2002                  | 5               | 11                         | 1                         | 1,746                      | 35                   | 0           | .....                         | 0                    |
| 2003                  | 5               | 6                          | 1                         | 1,205                      | 24                   | 0           | .....                         | 0                    |
| 2004                  | 5               | 8                          | 1                         | 915                        | 19                   | 0           | .....                         | 0                    |
| Citrus VII:           |                 |                            |                           |                            |                      |             |                               |                      |
| 2001                  | 29              | 1,564                      | 132                       | 70,917                     | 2,133                | 88          | 6                             | 1,383                |
| 2002                  | 29              | 1,581                      | 129                       | 74,529                     | 2,184                | 8           | 1                             | 194                  |
| 2003                  | 29              | 1,468                      | 123                       | 65,196                     | 1,940                | 2           | 0                             | 1                    |
| Citrus:               |                 |                            |                           |                            |                      |             |                               |                      |
| 1997                  | 28              | 5,636                      | 437                       | 183,329                    | 13,982               | 147         | 7                             | 1,094                |
| Clams:                |                 |                            |                           |                            |                      |             |                               |                      |
| 2001                  | 13              | 422                        | 0                         | 41,215                     | 1,401                | 109         | .....                         | 2,708                |
| 2002                  | 13              | 480                        | 0                         | 59,953                     | 2,181                | 134         | .....                         | 3,923                |
| Corn:                 |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 7,806           | 896,637                    | 56,865                    | 10,183,738                 | 740,373              | 123,983     | 9,243                         | 403,179              |
| 2001                  | 8,510           | 884,367                    | 55,845                    | 10,701,638                 | 865,674              | 157,905     | 11,326                        | 565,758              |
| 2002                  | 8,524           | 904,135                    | 58,699                    | 11,424,333                 | 909,632              | 278,153     | 20,297                        | 1,259,803            |
| Cotton ELS:           |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 31              | 455                        | 150                       | 42,734                     | 1,964                | 29          | 4                             | 574                  |
| 2001                  | 31              | 776                        | 270                       | 108,370                    | 6,054                | 114         | 28                            | 10,766               |
| 2002                  | 31              | 790                        | 250                       | 84,929                     | 4,944                | 160         | 28                            | 11,127               |
| Cotton:               |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 1,491           | 176,259                    | 14,596                    | 2,861,608                  | 372,503              | 74,631      | 9,027                         | 584,215              |
| 2001                  | 1,491           | 181,878                    | 14,683                    | 3,287,055                  | 444,283              | 66,660      | 8,543                         | 654,126              |
| 2002                  | 1,491           | 168,286                    | 12,937                    | 2,245,346                  | 317,611              | 53,894      | 5,932                         | 400,812              |
| Crambe:               |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 7               | 224                        | 18                        | 1,453                      | 179                  | 32          | 3                             | 87                   |
| 2001                  | 7               | 138                        | 11                        | 950                        | 106                  | 17          | 1                             | 36                   |
| 2002                  | 7               | 7                          | 0                         | 27                         | 3                    | 0           | .....                         | 0                    |
| Cranberries:          |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 30              | 653                        | 28                        | 74,019                     | 2,671                | 42          | 1                             | 780                  |
| 2001                  | 30              | 627                        | 28                        | 27,581                     | 1,035                | 62          | 2                             | 545                  |
| 2002                  | 30              | 594                        | 30                        | 36,989                     | 1,283                | 80          | 3                             | 1,119                |
| Cultivated wild rice: |                 |                            |                           |                            |                      |             |                               |                      |
| 2000                  | 10              | 62                         | 20                        | 5,311                      | 328                  | 18          | 4                             | 426                  |
| 2001                  | 10              | 71                         | 22                        | 5,631                      | 345                  | 27          | 11                            | 870                  |
| 2002                  | 10              | 66                         | 23                        | 5,603                      | 344                  | 19          | 3                             | 206                  |

See footnotes at end of table.

**Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2001–2003<sup>1</sup>—Continued**

| Commodity and year           | Coverage        |                            |                           |                            | Amount of premium<br><i>1,000 dollars</i> | Indemnities |                               |                      |
|------------------------------|-----------------|----------------------------|---------------------------|----------------------------|---|-------------|-------------------------------|----------------------|
|                              | County programs | Insured units <sup>2</sup> | Area insured <sup>3</sup> | Maximum insured production |   | Number      | Area indemnified <sup>3</sup> | Amount               |
|                              | <i>Number</i>   | <i>Number</i>              | <i>1,000 acres</i>        | <i>1,000 dollars</i>       |   |             | <i>1,000 acres</i>            | <i>1,000 dollars</i> |
| Dark air tobacco:            |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 37              | 1,231                      | 2                         | 4,714                      | 200                                       | 42          | 0                             | 180                  |
| 2001 .....                   | 37              | 1,076                      | 2                         | 4,350                      | 204                                       | 64          | 0                             | 100                  |
| 2002 .....                   | 37              | 921                        | 1                         | 3,849                      | 187                                       | 35          | 0                             | 109                  |
| Dry beans:q01                |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 292             | 22,551                     | 1,383                     | 238,362                    | 29,916                                    | 6,038       | 466                           | 40,492               |
| 2001 .....                   | 292             | 22,098                     | 1,326                     | 201,292                    | 28,808                                    | 9,396       | 679                           | 57,752               |
| 2002 .....                   | 286             | 27,601                     | 1,667                     | 279,853                    | 38,382                                    | 7,228       | 547                           | 41,487               |
| Dry Peas:                    |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 97              | 2,927                      | 224                       | 12,908                     | 1,292                                     | 350         | 36                            | 762                  |
| 2001 .....                   | 97              | 3,491                      | 260                       | 16,157                     | 1,674                                     | 388         | 38                            | 760                  |
| 2002 .....                   | 97              | 4,715                      | 362                       | 27,267                     | 2,978                                     | 1,453       | 140                           | 4,809                |
| Early and Midseason oranges: |                 |                            |                           |                            |   |             |                               |                      |
| 2001 .....                   | 3               | 362                        | 6                         | 2,650                      | 142                                       | 1           | 0                             | 1                    |
| 2002 .....                   | 3               | 342                        | 6                         | 2,821                      | 157                                       | 2           | 0                             | 5                    |
| 2003 .....                   | 3               | 323                        | 6                         | 2,763                      | 150                                       | 22          | 0                             | 46                   |
| Figs:                        |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 4               | 103                        | 9                         | 4,694                      | 307                                       | 7           | 1                             | 127                  |
| 2001 .....                   | 4               | 111                        | 9                         | 4,094                      | 292                                       | 15          | 2                             | 349                  |
| 2002 .....                   | 4               | 137                        | 9                         | 5,715                      | 411                                       | 2           | 0                             | 37                   |
| Fired cured tobacco:         |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 43              | 2,733                      | 9                         | 25,836                     | 1,127                                     | 230         | 1                             | 1,554                |
| 2001 .....                   | 43              | 2,421                      | 8                         | 25,531                     | 1,173                                     | 149         | 1                             | 1,133                |
| 2002 .....                   | 43              | 2,106                      | 6                         | 20,880                     | 1,002                                     | 136         | 0                             | 792                  |
| Flax:                        |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 107             | 6,302                      | 421                       | 20,129                     | 2,533                                     | 993         | 68                            | 1,485                |
| 2001 .....                   | 107             | 7,594                      | 492                       | 24,673                     | 3,302                                     | 1,413       | 96                            | 2,117                |
| 2002 .....                   | 107             | 9,631                      | 670                       | 36,725                     | 4,717                                     | 2,696       | 233                           | 5,472                |
| Flue cured tobacco:          |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 173             | 31,786                     | 224                       | 598,606                    | 22,265                                    | 1,969       | 22                            | 28,870               |
| 2001 .....                   | 173             | 29,425                     | 214                       | 599,776                    | 22,788                                    | 1,908       | 19                            | 21,638               |
| 2002 .....                   | 173             | 28,355                     | 224                       | 652,488                    | 25,545                                    | 5,324       | 57                            | 69,633               |
| Forage prod.:                |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 713             | 13,872                     | 2,004                     | 253,490                    | 11,316                                    | 2,598       | 629                           | 25,255               |
| 2001 .....                   | 570             | 26,004                     | 2,514                     | 244,401                    | 16,865                                    | 7,344       | 849                           | 28,279               |
| 2002 .....                   | 570             | 29,414                     | 2,849                     | 236,822                    | 17,904                                    | 14,110      | 1,573                         | 49,487               |
| Forage seeding:              |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 263             | 3,253                      | 102                       | 8,046                      | 843                                       | 413         | 15                            | 756                  |
| 2001 .....                   | 263             | 2,858                      | 91                        | 8,877                      | 1,106                                     | 520         | 21                            | 1,293                |
| 2002 .....                   | 263             | 3,785                      | 149                       | 15,452                     | 1,952                                     | 1,197       | 62                            | 4,237                |
| Fresh apricots:              |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 13              | 168                        | 3                         | 5,088                      | 501                                       | 61          | 2                             | 1,470                |
| 2001 .....                   | 13              | 159                        | 3                         | 5,318                      | 567                                       | 52          | 2                             | 1,150                |
| 2002 .....                   | 13              | 172                        | 3                         | 4,894                      | 496                                       | 43          | 1                             | 466                  |
| Fresh freestone peaches:     |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 7               | 597                        | 17                        | 13,425                     | 752                                       | 17          | 0                             | 113                  |
| 2001 .....                   | 7               | 559                        | 18                        | 15,908                     | 906                                       | 46          | 1                             | 311                  |
| 2002 .....                   | 7               | 577                        | 19                        | 15,939                     | 929                                       | 42          | 1                             | 280                  |
| Fresh market beans:          |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 5               | 412                        | 20                        | 16,240                     | 1,487                                     | 141         | 7                             | 4,889                |
| 2001 .....                   | 5               | 471                        | 21                        | 17,087                     | 1,887                                     | 170         | 8                             | 4,197                |
| 2002 .....                   | 5               | 674                        | 28                        | 25,447                     | 3,231                                     | 288         | 14                            | 10,282               |
| Fresh market sweet corn:     |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 227             | 1,288                      | 70                        | 28,487                     | 2,621                                     | 141         | 6                             | 2,274                |
| 2001 .....                   | 227             | 1,445                      | 75                        | 32,883                     | 3,338                                     | 229         | 10                            | 4,135                |
| 2002 .....                   | 227             | 1,442                      | 69                        | 26,549                     | 2,523                                     | 297         | 5                             | 1,460                |
| Fresh market tomatoes:       |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 49              | 785                        | 64                        | 115,940                    | 10,907                                    | 235         | 8                             | 14,262               |
| 2001 .....                   | 49              | 826                        | 65                        | 125,709                    | 13,328                                    | 176         | 5                             | 9,317                |
| 2002 .....                   | 49              | 807                        | 59                        | 119,793                    | 10,625                                    | 180         | 5                             | 8,319                |
| Fresh nectarines:            |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 7               | 650                        | 22                        | 19,503                     | 1,259                                     | 30          | 0                             | 191                  |
| 2001 .....                   | 7               | 615                        | 21                        | 21,806                     | 1,423                                     | 104         | 2                             | 1,178                |
| 2002 .....                   | 7               | 677                        | 23                        | 22,926                     | 1,562                                     | 42          | 1                             | 205                  |
| Fresh plums:                 |                 |                            |                           |                            |   |             |                               |                      |
| 1997 .....                   | 7               | 810                        | 24                        | 20,880                     | 1,397                                     | 25          | 0                             | 260                  |
| Grain sorghum:               |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 2,909           | 128,090                    | 6,388                     | 405,952                    | 49,929                                    | 43,972      | 4,436                         | 87,077               |
| 2001 .....                   | 2,909           | 147,926                    | 7,775                     | 531,909                    | 75,901                                    | 52,158      | 5,922                         | 112,891              |
| 2002 .....                   | 2,909           | 138,709                    | 7,250                     | 543,110                    | 82,415                                    | 78,201      | 7,613                         | 223,382              |
| Grapefruit trees:            |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....                   | 28              | 1,149                      | 0                         | 102,094                    | 2,346                                     | 7           | 16                            | 1,306                |
| 2001 .....                   | 28              | 1,178                      | 0                         | 110,532                    | 3,236                                     | 8           | 29                            | 301                  |
| 2002 .....                   | 28              | 1,158                      | 0                         | 129,965                    | 3,823                                     | 2           | 20                            | 75                   |

See footnotes at end of table.



**Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2000–2003<sup>1</sup>—Continued**

| Commodity and year   | Coverage        |                            |                           |                            | Amount of premium<br><i>1,000 dollars</i> | Indemnities |                               |                      |
|----------------------|-----------------|----------------------------|---------------------------|----------------------------|---|-------------|-------------------------------|----------------------|
|                      | County programs | Insured units <sup>2</sup> | Area insured <sup>3</sup> | Maximum insured production |   | Number      | Area indemnified <sup>3</sup> | Amount               |
|                      | <i>Number</i>   | <i>Number</i>              | <i>1,000 acres</i>        | <i>1,000 dollars</i>       |   |             | <i>1,000 acres</i>            | <i>1,000 dollars</i> |
| Grapefruit:          |                 |                            |                           |                            |   |             |                               |                      |
| 2001 .....           | 8               | 143                        | 6                         | 5,853                      | 324                                       | 4           | 1                             | 66                   |
| 2002 .....           | 8               | 128                        | 7                         | 7,332                      | 398                                       | 8           | 0                             | 223                  |
| 2003 .....           | 8               | 116                        | 5                         | 5,391                      | 286                                       | 2           | 0                             | 38                   |
| Grapes:              |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 83              | 12,023                     | 567                       | 513,880                    | 28,806                                    | 479         | 15                            | 6,694                |
| 2001 .....           | 83              | 12,288                     | 566                       | 564,146                    | 33,113                                    | 1,531       | 52                            | 19,289               |
| 2002 .....           | 83              | 12,393                     | 576                       | 534,057                    | 32,702                                    | 1,242       | 38                            | 16,740               |
| Green peas:          |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 145             | 3,704                      | 192                       | 33,454                     | 3,371                                     | 693         | 34                            | 2,540                |
| 2001 .....           | 145             | 2,898                      | 148                       | 27,025                     | 2,739                                     | 727         | 41                            | 2,233                |
| 2002 .....           | 145             | 3,131                      | 164                       | 30,948                     | 3,467                                     | 1,089       | 68                            | 4,230                |
| Hybrid corn seed:    |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 384             | 7,097                      | 417                       | 104,521                    | 10,456                                    | 821         | 61                            | 3,077                |
| 2001 .....           | 384             | 7,121                      | 408                       | 114,551                    | 11,531                                    | 613         | 42                            | 2,667                |
| 2002 .....           | 384             | 5,917                      | 346                       | 107,125                    | 11,096                                    | 646         | 48                            | 3,693                |
| Hybrid sorghum seed: |                 |                            |                           |                            |   |             |                               |                      |
| 2001 .....           | 21              | 547                        | 29                        | 4,480                      | 725                                       | 137         | 12                            | 734                  |
| 2002 .....           | 21              | 734                        | 45                        | 8,292                      | 1,354                                     | 136         | 12                            | 1,098                |
| 2003 .....           | 21              | 895                        | 57                        | 11,372                     | 1,921                                     | 113         | 10                            | 863                  |
| Late oranges:        |                 |                            |                           |                            |   |             |                               |                      |
| 2002 .....           | 3               | 81                         | 1                         | 382                        | 51  | 0           | 0                             | 0                    |
| 2003 .....           | 3               | 77                         | 1                         | 473                        | 68  | 0           | 0                             | 0                    |
| 2004 .....           | 3               | 84                         | 1                         | 487                        | 65  | 1           | 0                             | 0                    |
| Lemon trees:         |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 5               | 2                          | 0                         | 929                        | 16  | 0           | 0                             | 0                    |
| 2001 .....           | 4               | 2                          | 0                         | 1,689                      | 29  | 0           | 0                             | 0                    |
| 2002 .....           | 4               | 2                          | 0                         | 1,957                      | 39  | 0           | 0                             | 0                    |
| Lemons:              |                 |                            |                           |                            |   |             |                               |                      |
| 2001 .....           | 15              | 702                        | 41                        | 56,896                     | 3,290                                     | 20          | 1                             | 574                  |
| 2002 .....           | 15              | 687                        | 38                        | 64,594                     | 3,591                                     | 42          | 2                             | 2,394                |
| 2003 .....           | 15              | 692                        | 38                        | 69,405                     | 3,875                                     | 10          | 1                             | 382                  |
| Lime trees:          |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 3               | 87                         | 0                         | 6,852                      | 263                                       | 44          | 6                             | 3,721                |
| 2001 .....           | 3               | 49                         | 0                         | 4,137                      | 157                                       | 9           | 1                             | 679                  |
| 2002 .....           | 3               | 34                         | 0                         | 3,011                      | 98  | 4           | 0                             | 1,238                |
| Macadamia nuts:      |                 |                            |                           |                            |   |             |                               |                      |
| 2001 .....           | 3               | 61                         | 12                        | 13,103                     | 168                                       | 11          | 2                             | 1,110                |
| 2002 .....           | 3               | 95                         | 12                        | 18,774                     | 298                                       | 7           | 2                             | 728                  |
| 2003 .....           | 3               | 119                        | 13                        | 17,939                     | 281                                       | 24          | 3                             | 1,119                |
| Macadamia trees:     |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 3               | 131                        | 14                        | 80,429                     | 860                                       | 4           | 1                             | 304                  |
| 2001 .....           | 3               | 123                        | 14                        | 78,514                     | 839                                       | 0           | 0                             | 0                    |
| 2002 .....           | 3               | 124                        | 14                        | 64,287                     | 764                                       | 0           | 0                             | 0                    |
| Mandarins:           |                 |                            |                           |                            |   |             |                               |                      |
| 2001 .....           | 7               | 64                         | 1                         | 1,340                      | 121                                       | 4           | 0                             | 39                   |
| 2002 .....           | 7               | 68                         | 2                         | 1,448                      | 124                                       | 13          | 0                             | 171                  |
| 2003 .....           | 7               | 84                         | 2                         | 1,657                      | 137                                       | 8           | 0                             | 139                  |
| Mango trees:         |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 1               | 43                         | 0                         | 446                        | 12  | 0           | 0                             | 0                    |
| 2001 .....           | 1               | 37                         | 0                         | 429                        | 12  | 0           | 0                             | 0                    |
| 2002 .....           | 1               | 29                         | 0                         | 429                        | 11  | 0           | 0                             | 0                    |
| Maryland tobacco:    |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 6               | 128                        | 1                         | 706                        | 19  | 4           | 0                             | 25                   |
| 2001 .....           | 6               | 50                         | 0                         | 287                        | 10  | 4           | 0                             | 15                   |
| 2002 .....           | 6               | 20                         | 0                         | 192                        | 6   | 4           | 0                             | 40                   |
| Millet:              |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 5               | 1,101                      | 67                        | 2,362                      | 257                                       | 661         | 59                            | 803                  |
| 2001 .....           | 5               | 1,813                      | 111                       | 5,439                      | 708                                       | 307         | 29                            | 510                  |
| 2002 .....           | 5               | 1,501                      | 85                        | 4,372                      | 593                                       | 1,377       | 129                           | 2,826                |
| Minneola tangels:    |                 |                            |                           |                            |   |             |                               |                      |
| 2001 .....           | 8               | 164                        | 5                         | 4,563                      | 362                                       | 21          | 1                             | 442                  |
| 2002 .....           | 8               | 164                        | 6                         | 7,886                      | 561                                       | 16          | 0                             | 138                  |
| 2003 .....           | 8               | 154                        | 4                         | 5,419                      | 432                                       | 16          | 0                             | 232                  |
| Mint:                |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 9               | 203                        | 16                        | 5,193                      | 301                                       | 51          | 2                             | 186                  |
| 2001 .....           | 9               | 238                        | 14                        | 6,124                      | 311                                       | 46          | 2                             | 393                  |
| 2002 .....           | 9               | 240                        | 14                        | 7,054                      | 361                                       | 71          | 2                             | 208                  |
| Mustard:             |                 |                            |                           |                            |   |             |                               |                      |
| 2000 .....           | 19              | 185                        | 16                        | 738                        | 106                                       | 33          | 3                             | 77                   |
| 2001 .....           | 19              | 212                        | 17                        | 918                        | 136                                       | 15          | 2                             | 48                   |
| 2002 .....           | 19              | 857                        | 91                        | 6,726                      | 1,011                                     | 420         | 63                            | 2,187                |
| Naval oranges:       |                 |                            |                           |                            |   |             |                               |                      |
| 2001 .....           | 17              | 2,762                      | 109                       | 109,033                    | 6,324                                     | 112         | 4                             | 1,028                |
| 2002 .....           | 17              | 2,712                      | 108                       | 131,884                    | 7,624                                     | 366         | 16                            | 6,095                |
| 2003 .....           | 16              | 2,808                      | 108                       | 138,687                    | 7,429                                     | 295         | 7                             | 3,851                |
| Nursery:             |                 |                            |                           |                            |   |             |                               |                      |
| 2001 .....           | 3,087           | 3,757                      | 0                         | 2,596,233                  | 47,023                                    | 248         | 0                             | 40,931               |
| 2002 .....           | 3,087           | 4,188                      | 0                         | 3,014,573                  | 54,147                                    | 97          | 0                             | 9,082                |

See footnotes at end of table.

**Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2000–2003<sup>1</sup>—Continued**

| Commodity and year               | Coverage        |                            |                           |                            | Amount of premium    | Indemnities |                               |                      |
|----------------------------------|-----------------|----------------------------|---------------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|
|                                  | County programs | Insured units <sup>2</sup> | Area insured <sup>3</sup> | Maximum insured production |                      | Number      | Area indemnified <sup>3</sup> | Amount               |
|                                  | <i>Number</i>   | <i>Number</i>              | <i>1,000 acres</i>        | <i>1,000 dollars</i>       | <i>1,000 dollars</i> |             | <i>1,000 acres</i>            | <i>1,000 dollars</i> |
| <b>Oats:</b>                     |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 1,648           | 19,533                     | 886                       | 24,837                     | 3,349                | 3,175       | 178                           | 3,025                |
| 2001 .....                       | 1,648           | 18,314                     | 824                       | 25,395                     | 3,413                | 3,572       | 169                           | 2,982                |
| 2002 .....                       | 1,648           | 23,872                     | 1,134                     | 43,985                     | 6,213                | 11,113      | 718                           | 18,695               |
| <b>Onions:</b>                   |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 97              | 1,469                      | 79                        | 99,606                     | 10,531               | 349         | 14                            | 13,159               |
| 2001 .....                       | 97              | 1,753                      | 79                        | 100,444                    | 10,990               | 377         | 13                            | 11,256               |
| 2002 .....                       | 95              | 1,776                      | 77                        | 99,093                     | 10,874               | 564         | 24                            | 18,986               |
| <b>Orange trees:</b>             |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 28              | 3,487                      | 0                         | 543,254                    | 10,389               | 6           | 281                           | 1,381                |
| 2001 .....                       | 28              | 3,691                      | 0                         | 668,736                    | 15,202               | 14          | 926                           | 2,624                |
| 2002 .....                       | 28              | 4,138                      | 0                         | 900,883                    | 21,539               | 7           | 561                           | 1,443                |
| <b>Orlando tangelos:</b>         |                 |                            |                           |                            |                      |             |                               |                      |
| 2001 .....                       | 5               | 17                         | 0                         | 235                        | 15                   | 2           | 0                             | 7                    |
| 2002 .....                       | 5               | 10                         | 0                         | 127                        | 8                    | 0           | 0                             | 0                    |
| 2003 .....                       | 5               | 6                          | 0                         | 78                         | 5                    | 0           | 0                             | 0                    |
| <b>Peaches:</b>                  |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 220             | 1,394                      | 41                        | 38,437                     | 6,145                | 406         | 12                            | 7,418                |
| 2001 .....                       | 220             | 1,428                      | 42                        | 44,412                     | 7,290                | 414         | 10                            | 7,905                |
| 2002 .....                       | 220             | 1,428                      | 41                        | 50,656                     | 8,572                | 545         | 14                            | 9,382                |
| <b>Peanuts:</b>                  |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 327             | 30,726                     | 1,391                     | 562,213                    | 47,176               | 11,477      | 658                           | 127,754              |
| 2001 .....                       | 327             | 31,805                     | 1,413                     | 601,479                    | 54,749               | 5,092       | 403                           | 62,752               |
| 2002 .....                       | 326             | 28,447                     | 1,244                     | 337,322                    | 29,943               | 10,244      | 459                           | 56,452               |
| <b>Pears:</b>                    |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 26              | 1,124                      | 36                        | 36,987                     | 1,322                | 46          | 1                             | 380                  |
| 2001 .....                       | 26              | 1,873                      | 37                        | 45,102                     | 1,676                | 72          | 2                             | 1,217                |
| 2002 .....                       | 26              | 1,909                      | 36                        | 48,085                     | 1,771                | 104         | 1                             | 873                  |
| <b>Pecans:</b>                   |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 7               | 194                        | 43                        | 24,223                     | 1,740                | 18          | 2                             | 414                  |
| 2001 .....                       | 7               | 201                        | 39                        | 24,514                     | 1,693                | 25          | 3                             | 743                  |
| 2002 .....                       | 7               | 218                        | 44                        | 29,501                     | 2,267                | 85          | 15                            | 2,294                |
| <b>Peppers:</b>                  |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 13              | 165                        | 10                        | 26,601                     | 3,917                | 51          | 3                             | 4975                 |
| 2001 .....                       | 13              | 234                        | 12                        | 38,066                     | 6,177                | 83          | 3                             | 3913                 |
| 2002 .....                       | 13              | 264                        | 13                        | 40,003                     | 6,273                | 119         | 5                             | 10,550               |
| <b>Plums:</b>                    |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 7               | 1,085                      | 22                        | 20,867                     | 1,566                | 224         | 2                             | 1,333                |
| 2001 .....                       | 7               | 1,356                      | 22                        | 22,177                     | 1,724                | 237         | 2                             | 1,594                |
| 2002 .....                       | 7               | 1,395                      | 21                        | 21,782                     | 1,783                | 139         | 2                             | 802                  |
| <b>Popcorn:</b>                  |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 338             | 2,156                      | 135                       | 28,906                     | 2,322                | 236         | 18                            | 1,168                |
| 2001 .....                       | 338             | 2,665                      | 181                       | 37,373                     | 3,213                | 256         | 21                            | 1,126                |
| 2002 .....                       | 319             | 2,755                      | 192                       | 44,543                     | 3,743                | 976         | 84                            | 5,891                |
| <b>Potatoes:</b>                 |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 331             | 6,650                      | 956                       | 704,910                    | 49,995               | 1,336       | 114                           | 51,695               |
| 2001 .....                       | 331             | 7,742                      | 903                       | 720,629                    | 58,662               | 1,818       | 164                           | 60,794               |
| 2002 .....                       | 325             | 8,467                      | 987                       | 820,611                    | 67,645               | 1,614       | 139                           | 55,366               |
| <b>Proc. apricots:</b>           |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 13              | 181                        | 9                         | 7,864                      | 773                  | 33          | 2                             | 1,103                |
| 2001 .....                       | 13              | 155                        | 8                         | 7,627                      | 798                  | 41          | 2                             | 1,056                |
| 2002 .....                       | 13              | 136                        | 6                         | 5,756                      | 641                  | 25          | 1                             | 412                  |
| <b>Processing beans:</b>         |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 132             | 1,129                      | 78                        | 16,642                     | 1,651                | 209         | 14                            | 2,027                |
| 2001 .....                       | 132             | 1,141                      | 78                        | 16,417                     | 1,659                | 326         | 16                            | 1,764                |
| 2002 .....                       | 124             | 1,265                      | 89                        | 19,875                     | 2,025                | 271         | 14                            | 1,721                |
| <b>Processing cling peaches:</b> |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 10              | 875                        | 21                        | 23,399                     | 1,263                | 75          | 1                             | 485                  |
| 2001 .....                       | 10              | 1,263                      | 19                        | 23,060                     | 1,261                | 127         | 1                             | 931                  |
| 2002 .....                       | 10              | 1,301                      | 20                        | 24,615                     | 1,389                | 54          | 1                             | 263                  |
| <b>Processing cucumbers:</b>     |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 11              | 265                        | 13                        | 4,916                      | 373                  | 73          | 6                             | 984                  |
| 2001 .....                       | 11              | 295                        | 15                        | 6,113                      | 468                  | 103         | 6                             | 1,300                |
| 2002 .....                       | 11              | 378                        | 19                        | 8,251                      | 669                  | 264         | 15                            | 2,425                |
| <b>Proc. freestone:</b>          |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 7               | 116                        | 3                         | 3,426                      | 205                  | 3           | 0                             | 27                   |
| 2001 .....                       | 7               | 108                        | 3                         | 3,390                      | 208                  | 12          | 0                             | 115                  |
| 2002 .....                       | 7               | 112                        | 3                         | 3,266                      | 200                  | 3           | 0                             | 24                   |
| <b>Prunes:</b>                   |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 14              | 1,330                      | 75                        | 59,157                     | 5,387                | 192         | 9                             | 3,383                |
| 2001 .....                       | 14              | 1,311                      | 75                        | 64,410                     | 6,012                | 666         | 36                            | 17,105               |
| 2002 .....                       | 14              | 1,194                      | 68                        | 56,176                     | 5,334                | 294         | 14                            | 5,592                |
| <b>Raisins:</b>                  |                 |                            |                           |                            |                      |             |                               |                      |
| 1999 .....                       | 7               | 3,511                      | 243                       | 152,122                    | 13,205               | 67          | 4                             | 733                  |
| 2000 .....                       | 7               | 3,829                      | 371                       | 246,042                    | 21,214               | 317         | 30                            | 6,559                |
| 2001 .....                       | 7               | 2,830                      | 217                       | 90,865                     | 7,777                | 3           | 0                             | 5                    |
| <b>Rangeland:</b>                |                 |                            |                           |                            |                      |             |                               |                      |
| 2000 .....                       | 12              | 355                        | 2,806                     | 13,057                     | 409                  | 116         | 707                           | 389                  |
| 2001 .....                       | 12              | 568                        | 5,489                     | 27,598                     | 1,113                | 364         | 3,684                         | 6,522                |
| 2002 .....                       | 12              | 902                        | 8,085                     | 46,494                     | 2,211                | 725         | 6,756                         | 16,799               |

See footnotes at end of table.

**Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2000–2003<sup>1</sup>—Continued**

| Commodity and year        | Coverage        |                            |                           |                            | Amount of premium | Indemnities |                               |               |
|---------------------------|-----------------|----------------------------|---------------------------|----------------------------|-------------------|-------------|-------------------------------|---------------|
|                           | County programs | Insured units <sup>2</sup> | Area insured <sup>3</sup> | Maximum insured production |                   | Number      | Area indemnified <sup>3</sup> | Amount        |
|                           | Number          | Number                     | 1,000 acres               | 1,000 dollars              | 1,000 dollars     |             | 1,000 acres                   | 1,000 dollars |
| Raspberry and blackberry: |                 |                            |                           |                            |                   |             |                               |               |
| 2002 .....                | 7               | 52                         | 2                         | 1,077                      | 77                | 1           | 0                             | 20            |
| Rice:                     |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 276             | 20,404                     | 2,317                     | 388,144                    | 20,351            | 1,087       | 152                           | 11,985        |
| 2001 .....                | 276             | 21,445                     | 2,518                     | 424,804                    | 19,829            | 1,753       | 272                           | 13,887        |
| 2002 .....                | 276             | 20,423                     | 2,437                     | 391,239                    | 19,281            | 1,652       | 250                           | 14,984        |
| Rio Red & Star Ruby:      |                 |                            |                           |                            |                   |             |                               |               |
| 2001 .....                | 3               | 520                        | 12                        | 8,097                      | 1,177             | 3           | 0                             | 31            |
| 2002 .....                | 3               | 510                        | 13                        | 8,525                      | 1,240             | 2           | 0                             | 12            |
| 2003 .....                | 3               | 476                        | 12                        | 9,243                      | 1,368             | 14          | 0                             | 92            |
| Ruby red grapefruit:      |                 |                            |                           |                            |                   |             |                               |               |
| 2001 .....                | 3               | 134                        | 2                         | 1,217                      | 152               | 0           |                               | 0             |
| 2002 .....                | 3               | 127                        | 2                         | 1,221                      | 162               | 0           |                               | 0             |
| 2003 .....                | 3               | 110                        | 2                         | 1,152                      | 146               | 5           | 0                             | 10            |
| Rye:                      |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 48              | 437                        | 31                        | 940                        | 99                | 53          | 4                             | 70            |
| 2001 .....                | 48              | 430                        | 31                        | 947                        | 111               | 90          | 7                             | 85            |
| 2002 .....                | 47              | 412                        | 32                        | 1,042                      | 115               | 122         | 14                            | 235           |
| Safflower:                |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 71              | 1,133                      | 120                       | 6,843                      | 670               | 237         | 35                            | 1,164         |
| 2001 .....                | 71              | 891                        | 104                       | 6,185                      | 592               | 241         | 35                            | 1,121         |
| 2002 .....                | 71              | 1,059                      | 125                       | 7,560                      | 809               | 302         | 47                            | 1,290         |
| Soybeans:                 |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 5,790           | 860,295                    | 55,051                    | 6,710,426                  | 456,189           | 171,055     | 13,225                        | 397,186       |
| 2001 .....                | 6,415           | 896,576                    | 56,235                    | 6,992,249                  | 509,892           | 153,144     | 10,851                        | 323,552       |
| 2002 .....                | 6,422           | 881,828                    | 56,013                    | 6,918,350                  | 495,086           | 205,981     | 14,355                        | 488,817       |
| Strawberries:             |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 21              | 217                        | 11                        | 36,750                     | 1,470             | 30          | 1                             | 1,190         |
| 2001 .....                | 21              | 232                        | 11                        | 50,609                     | 2,022             | 56          | 1                             | 3,001         |
| 2002 .....                | 21              | 303                        | 14                        | 63,575                     | 2,723             | 62          | 1                             | 2,332         |
| Sugarbeets:               |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 181             | 18,065                     | 1,228                     | 624,066                    | 31,985            | 3,512       | 246                           | 46,740        |
| 2001 .....                | 181             | 17,133                     | 1,161                     | 551,533                    | 31,080            | 3,242       | 232                           | 46,365        |
| 2002 .....                | 176             | 17,460                     | 1,191                     | 546,275                    | 30,991            | 5,826       | 473                           | 52,299        |
| Sugarcane:                |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 31              | 5,755                      | 830                       | 247,698                    | 8,380             | 229         | 16                            | 2,377         |
| 2001 .....                | 31              | 5,803                      | 890                       | 249,539                    | 8,895             | 111         | 8                             | 973           |
| 2002 .....                | 31              | 6,016                      | 858                       | 208,714                    | 6,832             | 206         | 10                            | 1,666         |
| Sunflowers:               |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 329             | 32,708                     | 2,465                     | 170,164                    | 21,548            | 12,517      | 1,029                         | 34,568        |
| 2001 .....                | 329             | 36,832                     | 2,703                     | 199,255                    | 28,830            | 15,878      | 1,413                         | 52,280        |
| 2002 .....                | 329             | 30,078                     | 2,363                     | 200,788                    | 26,389            | 15,297      | 1,584                         | 68,879        |
| Sweet corn:               |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 178             | 3,698                      | 244                       | 43,985                     | 2,609             | 378         | 24                            | 1,916         |
| 2001 .....                | 178             | 3,730                      | 264                       | 53,280                     | 3,274             | 389         | 23                            | 1,423         |
| 2002 .....                | 170             | 3,723                      | 265                       | 58,797                     | 3,775             | 351         | 20                            | 2,166         |
| Sweet oranges:            |                 |                            |                           |                            |                   |             |                               |               |
| 2001 .....                | 7               | 45                         | 0                         | 289                        | 21                | 1           | 0                             | 2             |
| 2002 .....                | 7               | 45                         | 0                         | 334                        | 23                | 3           | 0                             | 9             |
| 2003 .....                | 6               | 52                         | 0                         | 402                        | 29                | 4           | 0                             | 26            |
| Sweet potatoes:           |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 8               | 894                        | 30                        | 23,271                     | 2,007             | 579         | 16                            | 8,303         |
| 2001 .....                | 8               | 1,113                      | 31                        | 27,464                     | 2,602             | 775         | 18                            | 10,899        |
| 2002 .....                | 8               | 987                        | 28                        | 23,945                     | 2,457             | 779         | 20                            | 11,453        |
| Table grapes:             |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 12              | 1,067                      | 90                        | 140,090                    | 5,789             | 65          | 1                             | 1,779         |
| 2001 .....                | 12              | 1,127                      | 92                        | 158,875                    | 6,651             | 109         | 4                             | 3,173         |
| 2002 .....                | 12              | 1,189                      | 88                        | 155,604                    | 7,027             | 77          | 2                             | 2,799         |
| Tomatoes:                 |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 92              | 2,769                      | 275                       | 223,316                    | 9,599             | 194         | 14                            | 4,925         |
| 2001 .....                | 92              | 2,718                      | 251                       | 222,296                    | 10,394            | 267         | 26                            | 5,484         |
| 2002 .....                | 86              | 2,973                      | 280                       | 266,207                    | 12,347            | 158         | 13                            | 3,410         |
| Valencia oranges:         |                 |                            |                           |                            |                   |             |                               |               |
| 2001 .....                | 13              | 1,822                      | 54                        | 57,585                     | 3,992             | 153         | 4                             | 1,585         |
| 2002 .....                | 13              | 1,760                      | 53                        | 70,645                     | 4,920             | 161         | 5                             | 2,076         |
| 2003 .....                | 13              | 1,776                      | 50                        | 65,119                     | 4,643             | 82          | 3                             | 1,552         |
| Walnuts:                  |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 26              | 1,422                      | 81                        | 53,350                     | 2,102             | 113         | 5                             | 1,924         |
| 2001 .....                | 26              | 1,396                      | 84                        | 52,842                     | 2,131             | 79          | 3                             | 1,153         |
| 2002 .....                | 26              | 1,371                      | 84                        | 55,408                     | 2,309             | 89          | 4                             | 1,145         |
| Wheat:                    |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 5,822           | 574,985                    | 45,801                    | 3,131,284                  | 332,816           | 121,554     | 15,775                        | 437,442       |
| 2001 .....                | 6,686           | 607,442                    | 45,884                    | 3,299,828                  | 409,806           | 166,886     | 20,353                        | 602,177       |
| 2002 .....                | 6,702           | 596,637                    | 45,476                    | 3,431,059                  | 422,909           | 234,800     | 30,020                        | 862,060       |
| Winter squash:            |                 |                            |                           |                            |                   |             |                               |               |
| 2000 .....                | 18              | 104                        | 3                         | 777                        | 74                | 28          | 1                             | 117           |
| 2001 .....                | 18              | 144                        | 3                         | 1,021                      | 93                | 19          | 0                             | 68            |
| 2002 .....                | 18              | 151                        | 3                         | 1,320                      | 129               | 27          | 0                             | 123           |

<sup>1</sup>Data for 2000 are preliminary. <sup>2</sup>Number of farms on which the insured crop was planted including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included. <sup>3</sup>The insured's share of the planted area on the farm.

RMA, Program Automation Branch, (816) 926-7910.

**Table 10-3.—Farm real estate debt: Amount outstanding by farming regions, December 31, 1993–2002<sup>1</sup>**

| Year                    | Northeast            | Lake States          | Corn Belt            | Northern Plains      | Appalachian          | Southeast            |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| 1993 .....              | 4,225,679            | 8,054,166            | 18,925,500           | 9,012,984            | 6,098,602            | 5,774,239            |
| 1994 .....              | 4,279,584            | 8,326,818            | 19,647,100           | 9,209,160            | 6,225,866            | 5,986,644            |
| 1995 .....              | 4,209,999            | 8,590,997            | 20,173,969           | 9,475,739            | 6,318,832            | 5,963,890            |
| 1996 .....              | 4,361,893            | 8,806,742            | 20,992,414           | 9,698,135            | 6,406,038            | 6,094,847            |
| 1997 .....              | 4,501,110            | 9,354,068            | 21,972,845           | 9,961,567            | 6,661,529            | 6,400,437            |
| 1998 .....              | 4,331,507            | 9,863,472            | 23,325,630           | 10,465,276           | 6,955,985            | 6,629,569            |
| 1999 .....              | 4,758,063            | 10,104,094           | 24,393,299           | 10,967,135           | 7,360,575            | 7,108,485            |
| 2000 .....              | 4,937,759            | 10,246,259           | 24,841,240           | 11,106,788           | 7,800,900            | 7,596,411            |
| 2001 .....              | 5,232,962            | 10,821,794           | 26,175,314           | 11,715,092           | 8,275,929            | 7,992,414            |
| 2002 <sup>2</sup> ..... | 5,691,969            | 11,714,501           | 28,240,542           | 12,657,790           | 9,019,306            | 8,615,366            |

  

| Year                    | Delta States         | Southern Plains      | Mountain             | Pacific              | United States <sup>3</sup> |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
|                         | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i>       |
| 1993 .....              | 4,081,189            | 6,477,892            | 6,620,553            | 11,280,603           | 80,738,585                 |
| 1994 .....              | 4,236,316            | 6,610,909            | 6,755,581            | 11,509,349           | 82,971,225                 |
| 1995 .....              | 4,407,071            | 6,867,236            | 6,858,828            | 11,576,106           | 84,560,910                 |
| 1996 .....              | 4,511,602            | 7,169,360            | 7,010,136            | 11,877,465           | 87,079,331                 |
| 1997 .....              | 4,748,915            | 7,590,562            | 7,155,300            | 12,524,045           | 91,031,125                 |
| 1998 .....              | 5,010,012            | 7,824,385            | 7,307,074            | 13,673,234           | 95,559,725                 |
| 1999 .....              | 5,405,321            | 8,271,031            | 7,641,196            | 14,204,770           | 100,381,473                |
| 2000 .....              | 5,634,340            | 8,466,555            | 7,772,905            | 15,376,732           | 103,946,407                |
| 2001 .....              | 5,947,764            | 8,975,572            | 8,195,792            | 16,150,339           | 109,658,518                |
| 2002 <sup>2</sup> ..... | 6,442,294            | 9,769,651            | 8,853,677            | 17,371,890           | 118,566,346                |

<sup>1</sup>Includes operator households. Data for 1987–1992 include Commodity Credit Corporation storage and drying facility loans. States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigan, Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota, South Dakota, Nebraska, and Kansas; Appalachian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California. <sup>2</sup>Preliminary. <sup>3</sup>Includes Alaska and Hawaii.

**Table 10-4.—Farm real estate debt: Amount outstanding, by States, Dec. 31, 1997–2002<sup>1</sup>**

| State                 | 1997                 | 1998                 | 1999                 | 2000                 | 2001                 | 2002 <sup>2</sup>    |
|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                       | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL .....              | 932,469              | 1,009,369            | 1,137,319            | 1,206,551            | 1,286,247            | 1,411,159            |
| AK .....              | 10,103               | 10,833               | 12,052               | 14,035               | 14,698               | 15,661               |
| AZ .....              | 534,882              | 554,595              | 602,136              | 592,456              | 621,394              | 666,598              |
| AR .....              | 2,410,180            | 2,512,826            | 2,671,067            | 2,758,805            | 2,918,634            | 3,170,531            |
| CA .....              | 9,267,141            | 10,165,531           | 10,640,871           | 11,793,494           | 12,406,327           | 13,378,847           |
| CO .....              | 1,797,355            | 1,823,382            | 1,915,820            | 1,963,844            | 2,091,475            | 2,291,284            |
| CT .....              | 125,038              | 117,815              | 144,224              | 168,498              | 180,147              | 198,542              |
| DE .....              | 194,957              | 193,133              | 194,672              | 186,071              | 197,302              | 214,933              |
| FL .....              | 3,121,134            | 3,233,279            | 3,462,963            | 3,681,780            | 3,837,533            | 4,084,130            |
| GA .....              | 1,911,317            | 1,939,948            | 2,039,264            | 2,217,107            | 2,344,181            | 2,543,451            |
| HI .....              | 150,644              | 162,747              | 155,452              | 152,483              | 160,847              | 173,700              |
| ID .....              | 1,379,239            | 1,379,086            | 1,418,831            | 1,422,449            | 1,499,102            | 1,619,267            |
| IL .....              | 5,296,091            | 5,650,360            | 5,854,421            | 5,894,665            | 6,220,178            | 6,726,117            |
| IN .....              | 3,583,698            | 3,749,248            | 3,949,761            | 4,060,338            | 4,274,361            | 4,606,319            |
| IA .....              | 6,986,449            | 7,359,183            | 7,732,959            | 7,932,470            | 8,330,671            | 8,941,968            |
| KS .....              | 2,946,857            | 3,047,772            | 3,206,112            | 3,270,360            | 3,467,272            | 3,773,492            |
| KY .....              | 2,150,103            | 2,256,230            | 2,404,634            | 2,520,099            | 2,656,847            | 2,868,509            |
| LA .....              | 832,820              | 875,907              | 938,216              | 955,657              | 1,011,122            | 1,098,174            |
| ME .....              | 133,985              | 134,910              | 143,046              | 135,434              | 138,816              | 143,489              |
| MD <sup>3</sup> ..... | 699,354              | 702,044              | 720,738              | 720,214              | 769,610              | 847,263              |
| MA .....              | 153,995              | 147,696              | 209,637              | 230,194              | 246,733              | 272,763              |
| MI .....              | 1,729,891            | 1,735,177            | 1,789,040            | 1,777,331            | 1,886,983            | 2,058,247            |
| MN .....              | 4,587,238            | 4,966,921            | 4,987,247            | 5,052,604            | 5,334,899            | 5,772,377            |
| MS .....              | 1,505,916            | 1,621,279            | 1,796,039            | 1,919,879            | 2,018,007            | 2,173,589            |
| MO .....              | 3,612,044            | 3,941,689            | 4,079,740            | 4,092,525            | 4,311,199            | 4,649,496            |
| MT .....              | 1,704,825            | 1,715,012            | 1,767,583            | 1,742,045            | 1,814,630            | 1,925,364            |
| NE .....              | 3,581,096            | 3,867,709            | 4,102,475            | 4,224,782            | 4,443,713            | 4,784,640            |
| NV .....              | 164,952              | 167,949              | 178,348              | 184,254              | 195,862              | 214,179              |
| NH .....              | 41,089               | 38,156               | 46,929               | 51,502               | 55,168               | 60,937               |
| NJ .....              | 409,591              | 278,247              | 323,170              | 313,366              | 333,973              | 366,017              |
| NM .....              | 704,905              | 754,877              | 809,663              | 833,593              | 885,639              | 966,993              |
| NY .....              | 916,444              | 907,235              | 1,068,961            | 1,118,228            | 1,184,210            | 1,286,452            |
| NC .....              | 1,505,228            | 1,569,398            | 1,618,503            | 1,758,626            | 1,862,278            | 2,025,444            |
| ND .....              | 1,765,246            | 1,772,287            | 1,812,826            | 1,796,077            | 1,899,213            | 2,057,692            |
| OH .....              | 2,494,563            | 2,625,148            | 2,776,418            | 2,861,242            | 3,038,905            | 3,316,641            |
| OK .....              | 2,006,917            | 2,073,866            | 2,130,719            | 2,121,121            | 2,224,304            | 2,382,692            |
| OR .....              | 1,550,798            | 1,677,402            | 1,709,033            | 1,693,411            | 1,766,620            | 1,878,852            |
| PA .....              | 1,613,670            | 1,609,824            | 1,672,201            | 1,773,629            | 1,872,507            | 2,025,694            |
| RI .....              | 18,634               | 16,707               | 21,419               | 23,266               | 25,144               | 28,054               |
| SC .....              | 435,516              | 446,973              | 468,940              | 490,972              | 524,453              | 576,626              |
| SD .....              | 1,668,368            | 1,777,508            | 1,845,722            | 1,815,568            | 1,904,895            | 2,041,965            |
| TN .....              | 1,426,654            | 1,560,550            | 1,686,915            | 1,801,593            | 1,921,225            | 2,109,172            |
| TX .....              | 5,583,646            | 5,750,519            | 6,140,312            | 6,345,434            | 6,751,268            | 7,386,958            |
| UT .....              | 400,845              | 404,075              | 403,652              | 491,172              | 518,989              | 561,653              |
| VT .....              | 194,355              | 185,739              | 213,067              | 217,357              | 229,352              | 247,824              |
| VA .....              | 1,287,883            | 1,276,304            | 1,345,300            | 1,414,127            | 1,515,591            | 1,675,572            |
| WA .....              | 1,706,107            | 1,830,301            | 1,854,866            | 1,889,827            | 1,977,393            | 2,114,191            |
| WV .....              | 291,661              | 293,502              | 305,223              | 306,455              | 319,988              | 340,611              |
| WI .....              | 3,036,939            | 3,161,373            | 3,327,807            | 3,416,324            | 3,599,912            | 3,883,876            |
| WY .....              | 468,296              | 508,098              | 545,162              | 543,092              | 568,701              | 608,339              |
| US .....              | 91,031,125           | 95,559,725           | 100,381,473          | 103,946,407          | 109,658,518          | 118,566,346          |

<sup>1</sup>Includes operator households. Includes Commodity Credit Corporation storage and drying facility loans. <sup>2</sup>Preliminary. <sup>3</sup>Includes District of Columbia.

ERS, Farm Sector and Performance and Well-Being Branch, (202) 694-5586.

**Table 10-5.—Farm real estate debt: Amount outstanding by lender, by States, Dec. 31, 2001 and 2002 <sup>1</sup>**

| State | Federal Credit System <sup>2</sup> |               | Farm Service Agency <sup>3</sup> |               | Life insurance companies <sup>4</sup> |               | All operating banks |               | Individuals and others <sup>5</sup> |               |
|-------|------------------------------------|---------------|----------------------------------|---------------|---------------------------------------|---------------|---------------------|---------------|-------------------------------------|---------------|
|       | 2001                               | 2002          | 2001                             | 2002          | 2001                                  | 2002          | 2001                | 2002          | 2001                                | 2002          |
|       | 1,000 dollars                      | 1,000 dollars | 1,000 dollars                    | 1,000 dollars | 1,000 dollars                         | 1,000 dollars | 1,000 dollars       | 1,000 dollars | 1,000 dollars                       | 1,000 dollars |
| AL    | 550,189                            | 635,986       | 36,198                           | 34,543        | 21,771                                | 22,285        | 539,409             | 576,199       | 138,680                             | 142,147       |
| AK    | 4,288                              | 4,957         | 1,616                            | 1,542         | 0                                     | 0             | 3,436               | 3,670         | 5,359                               | 5,493         |
| AZ    | 218,025                            | 252,025       | 25,316                           | 24,159        | 146,143                               | 149,595       | 72,056              | 76,971        | 159,853                             | 163,850       |
| AR    | 1,034,102                          | 1,195,360     | 109,230                          | 104,236       | 343,227                               | 351,335       | 1,197,184           | 1,278,837     | 234,891                             | 240,763       |
| CA    | 4,589,165                          | 5,304,802     | 129,024                          | 123,125       | 4,335,616                             | 4,438,032     | 1,771,917           | 1,892,768     | 1,580,605                           | 1,620,120     |
| CO    | 1,019,870                          | 1,178,909     | 53,651                           | 51,198        | 161,374                               | 165,186       | 416,527             | 444,936       | 440,052                             | 451,053       |
| CT    | 106,561                            | 123,178       | 5,852                            | 5,594         | 38,671                                | 39,584        | 9,404               | 10,045        | 19,650                              | 20,141        |
| DE    | 80,716                             | 93,303        | 3,806                            | 3,632         | 29,521                                | 30,218        | 56,461              | 60,312        | 26,798                              | 27,468        |
| FL    | 834,916                            | 965,113       | 52,258                           | 49,878        | 1,468,084                             | 1,502,753     | 1,089,095           | 1,163,375     | 393,171                             | 403,000       |
| GA    | 697,228                            | 7805,954      | 55,860                           | 53,306        | 154,399                               | 158,046       | 1,239,073           | 1,323,582     | 197,622                             | 202,562       |
| HI    | 61,309                             | 70,870        | 21,242                           | 20,271        | 13,016                                | 13,323        | 53,779              | 57,447        | 11,502                              | 11,789        |
| ID    | 662,574                            | 765,896       | 95,448                           | 91,085        | 278,628                               | 285,210       | 70,896              | 75,731        | 391,556                             | 401,345       |
| IL    | 1,836,353                          | 2,122,715     | 154,603                          | 147,535       | 375,351                               | 384,217       | 2,710,068           | 3,002,380     | 1,043,190                           | 1,069,270     |
| IN    | 1,251,584                          | 1,446,757     | 104,307                          | 99,538        | 383,240                               | 392,293       | 1,599,881           | 1,708,999     | 935,349                             | 958,733       |
| IA    | 2,186,905                          | 2,527,932     | 215,649                          | 205,790       | 488,322                               | 499,858       | 3,069,159           | 3,278,487     | 2,370,635                           | 2,429,901     |
| KY    | 1,296,027                          | 1,498,130     | 138,354                          | 132,028       | 146,134                               | 149,586       | 1,384,646           | 1,479,084     | 502,110                             | 514,663       |
| KS    | 726,934                            | 840,292       | 132,899                          | 126,823       | 71,687                                | 73,381        | 1,378,411           | 1,472,424     | 346,916                             | 355,589       |
| LA    | 369,879                            | 427,558       | 36,764                           | 35,083        | 115,810                               | 118,546       | 372,681             | 398,099       | 115,989                             | 118,889       |
| ME    | 22,514                             | 26,024        | 30,775                           | 29,368        | 53,704                                | 54,972        | 11,672              | 12,468        | 20,153                              | 20,657        |
| MD    | 394,303                            | 455,791       | 16,073                           | 15,338        | 27,008                                | 27,646        | 184,158             | 196,718       | 148,068                             | 151,770       |
| MA    | 159,084                            | 183,892       | 19,095                           | 18,222        | 37,400                                | 38,283        | 10,010              | 10,693        | 21,144                              | 21,673        |
| MI    | 853,167                            | 986,211       | 84,251                           | 80,399        | 53,368                                | 54,629        | 426,048             | 455,106       | 470,149                             | 481,903       |
| MN    | 1,818,286                          | 2,101,830     | 152,327                          | 145,363       | 295,247                               | 302,221       | 1,786,830           | 1,908,699     | 1,282,208                           | 1,314,264     |
| MS    | 584,617                            | 675,783       | 94,793                           | 90,459        | 322,044                               | 329,651       | 826,980             | 883,383       | 189,573                             | 194,313       |
| MO    | 1,160,731                          | 1,341,736     | 158,963                          | 151,695       | 175,832                               | 179,985       | 2,083,480           | 2,225,581     | 732,194                             | 750,499       |
| MT    | 427,327                            | 493,965       | 98,191                           | 93,702        | 243,924                               | 249,686       | 386,397             | 412,751       | 658,790                             | 675,260       |
| NE    | 1,274,343                          | 1,473,065     | 178,291                          | 170,140       | 474,657                               | 485,870       | 1,764,520           | 1,884,867     | 751,901                             | 770,698       |
| NV    | 104,458                            | 120,747       | 8,118                            | 7,747         | 12,340                                | 12,631        | 7,728               | 8,255         | 63,218                              | 64,799        |
| NH    | 32,883                             | 38,011        | 3,670                            | 3,502         | 0                                     | 0             | 7,971               | 8,515         | 10,644                              | 10,910        |
| NJ    | 174,298                            | 201,478       | 19,783                           | 18,879        | 0                                     | 0             | 52,573              | 56,158        | 87,379                              | 89,502        |
| NM    | 409,331                            | 473,162       | 32,102                           | 30,635        | 91,071                                | 93,222        | 185,417             | 198,063       | 167,719                             | 171,912       |
| NY    | 518,305                            | 599,130       | 94,737                           | 90,406        | 14,388                                | 14,728        | 265,935             | 284,072       | 290,844                             | 298,115       |
| NC    | 656,010                            | 758,309       | 79,504                           | 75,869        | 80,843                                | 82,753        | 843,544             | 901,076       | 202,377                             | 207,436       |
| ND    | 743,237                            | 859,137       | 167,725                          | 160,057       | 36,774                                | 37,643        | 592,325             | 632,724       | 359,153                             | 368,132       |
| OH    | 1,202,215                          | 1,389,689     | 72,459                           | 69,147        | 106,326                               | 108,837       | 1,148,410           | 1,226,736     | 509,495                             | 522,232       |
| OK    | 607,804                            | 702,585       | 160,831                          | 153,478       | 225,823                               | 231,157       | 807,321             | 862,384       | 422,525                             | 433,088       |
| OR    | 504,615                            | 583,308       | 56,874                           | 54,273        | 387,093                               | 396,237       | 151,543             | 161,879       | 666,495                             | 683,157       |
| PA    | 520,191                            | 601,310       | 68,263                           | 65,142        | 341                                   | 350           | 997,326             | 1,065,347     | 286,385                             | 293,545       |
| RI    | 18,232                             | 21,076        | 2,791                            | 2,663         | 0                                     | 0             | 2,125               | 2,270         | 1,995                               | 2,045         |
| SC    | 280,723                            | 324,499       | 37,913                           | 36,180        | 19,773                                | 20,240        | 116,001             | 123,913       | 70,044                              | 71,795        |
| SD    | 615,686                            | 711,697       | 206,472                          | 197,033       | 106,283                               | 108,794       | 545,739             | 582,961       | 430,714                             | 441,482       |
| TN    | 875,233                            | 1,011,718     | 87,203                           | 83,216        | 34,164                                | 34,971        | 729,713             | 779,482       | 194,912                             | 199,784       |
| TX    | 3,140,407                          | 3,630,125     | 208,349                          | 198,824       | 523,176                               | 535,534       | 1,647,015           | 1,759,348     | 1,232,320                           | 1,263,128     |
| UT    | 221,207                            | 255,702       | 25,235                           | 23,624        | 19,044                                | 19,494        | 75,057              | 80,176        | 168,446                             | 172,657       |
| VT    | 86,500                             | 99,989        | 26,541                           | 25,328        | 1,882                                 | 1,927         | 76,163              | 81,358        | 38,265                              | 39,222        |
| VA    | 814,365                            | 941,358       | 39,493                           | 37,688        | 53,568                                | 54,834        | 424,142             | 453,070       | 184,022                             | 188,622       |
| WA    | 577,788                            | 667,888       | 64,575                           | 61,623        | 486,156                               | 497,640       | 392,176             | 418,924       | 4556,698                            | 468,116       |
| WV    | 68,794                             | 79,522        | 27,653                           | 26,388        | 62,741                                | 64,223        | 130,938             | 139,868       | 29,863                              | 30,610        |
| WI    | 1,002,820                          | 1,159,201     | 103,245                          | 98,525        | 84,385                                | 86,379        | 1,621,945           | 1,732,568     | 787,516                             | 807,204       |
| WY    | 133,073                            | 188,502       | 21,891                           | 20,890        | 99,651                                | 102,005       | 133,163             | 142,245       | 150,824                             | 154,697       |
| US    | 37,559,173                         | 43,416,173    | 3,830,284                        | 3,655,172     | 12,700,000                            | 13,000,000    | 35,569,061          | 37,995,001    | 20,000,000                          | 20,500,000    |

<sup>1</sup> Includes operator households. <sup>2</sup> Includes mortgages in process of foreclosure. <sup>3</sup> Includes farm ownership loans, soil and water loans to individuals, rural and labor housing loans on farms and association loans for grazing, Indian tribe land acquisition loans, and one-half of economic emergency loans. <sup>4</sup> Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages. <sup>5</sup> Estimated by ERS, USDA.

**Table 10-6.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1999–2002<sup>1</sup>**

| State and Territory | Farm real estate loans |            |            |                   | Nonreal estate farm loans |            |            |                   |
|---------------------|------------------------|------------|------------|-------------------|---------------------------|------------|------------|-------------------|
|                     | 1999                   | 2000       | 2001       | 2002 <sup>2</sup> | 1999                      | 2000       | 2001       | 2002 <sup>2</sup> |
| AL                  | 482,853                | 515,860    | 539,409    | 576,199           | 350,674                   | 372,218    | 370,805    | 364,586           |
| AK                  | 3,076                  | 3,286      | 3,436      | 3,670             | 3,456                     | 3,668      | 3,654      | 3,593             |
| AZ                  | 64,501                 | 68,910     | 72,056     | 76,971            | 434,337                   | 461,021    | 459,270    | 451,568           |
| AR                  | 1,071,661              | 1,144,918  | 1,197,184  | 1,278,837         | 854,016                   | 906,483    | 903,041    | 887,897           |
| CA                  | 1,586,134              | 1,694,560  | 1,771,917  | 1,892,768         | 3,955,124                 | 4,198,108  | 4,182,166  | 4,112,032         |
| CO                  | 372,855                | 398,343    | 416,527    | 444,936           | 912,369                   | 968,420    | 964,743    | 948,564           |
| CT                  | 8,418                  | 8,993      | 9,404      | 10,045            | 4,402                     | 4,672      | 4,655      | 4,577             |
| DE                  | 50,541                 | 53,996     | 56,461     | 60,312            | 43,519                    | 46,193     | 46,017     | 45,245            |
| FL                  | 974,905                | 1,041,548  | 1,089,095  | 1,163,375         | 467,637                   | 496,366    | 494,481    | 486,189           |
| GA                  | 1,109,158              | 1,184,978  | 1,239,073  | 1,323,582         | 544,331                   | 577,772    | 575,578    | 565,925           |
| HI                  | 48,140                 | 51,431     | 53,779     | 57,447            | 38,323                    | 40,678     | 40,523     | 39,843            |
| ID                  | 63,462                 | 67,801     | 70,896     | 75,731            | 1,012,794                 | 1,075,015  | 1,070,933  | 1,052,973         |
| IL                  | 2,515,986              | 2,687,974  | 2,810,681  | 3,002,380         | 2,628,109                 | 2,789,568  | 2,778,975  | 2,732,372         |
| IN                  | 1,432,136              | 1,530,034  | 1,599,881  | 1,708,999         | 1,029,652                 | 1,092,909  | 1,088,759  | 1,070,501         |
| IA                  | 2,747,362              | 2,935,168  | 3,069,159  | 3,278,487         | 3,936,002                 | 4,177,811  | 4,161,946  | 4,092,151         |
| KS                  | 1,239,468              | 1,324,196  | 1,384,646  | 1,479,084         | 2,597,638                 | 2,757,224  | 2,746,754  | 2,700,692         |
| KY                  | 1,233,887              | 1,318,233  | 1,378,411  | 1,472,424         | 561,402                   | 595,892    | 593,629    | 583,674           |
| LA                  | 333,606                | 356,411    | 372,681    | 398,099           | 408,526                   | 433,623    | 431,977    | 424,733           |
| ME                  | 10,448                 | 11,162     | 11,672     | 12,468            | 51,886                    | 55,073     | 54,864     | 53,944            |
| MD <sup>3</sup>     | 164,849                | 176,118    | 184,158    | 196,718           | 58,072                    | 61,639     | 61,405     | 60,376            |
| MA                  | 8,961                  | 9,573      | 10,010     | 10,693            | 56,850                    | 60,343     | 60,114     | 59,106            |
| MI                  | 381,377                | 407,447    | 426,048    | 455,106           | 443,477                   | 470,723    | 468,935    | 461,071           |
| MN                  | 1,599,484              | 1,708,822  | 1,786,830  | 1,908,699         | 2,483,464                 | 2,636,036  | 2,626,026  | 2,581,988         |
| MS                  | 740,273                | 790,876    | 826,980    | 883,383           | 553,242                   | 587,231    | 585,001    | 575,191           |
| MO                  | 1,865,030              | 1,992,520  | 2,083,480  | 2,225,581         | 1,530,204                 | 1,624,213  | 1,618,045  | 1,590,911         |
| MT                  | 345,884                | 369,528    | 386,397    | 412,751           | 726,884                   | 771,540    | 768,610    | 755,721           |
| NE                  | 1,579,513              | 1,687,486  | 1,764,520  | 1,884,867         | 3,609,491                 | 3,831,241  | 3,816,692  | 3,752,687         |
| NV                  | 6,918                  | 7,391      | 7,728      | 8,255             | 16,822                    | 17,855     | 17,787     | 17,489            |
| NH                  | 7,135                  | 7,623      | 7,971      | 8,515             | 474                       | 504        | 502        | 493               |
| NJ                  | 47,060                 | 50,277     | 52,573     | 56,158            | 27,693                    | 29,395     | 29,283     | 28,792            |
| NM                  | 165,976                | 177,322    | 185,417    | 198,063           | 275,876                   | 292,824    | 291,712    | 286,820           |
| NY                  | 238,052                | 254,325    | 265,935    | 284,072           | 429,137                   | 455,501    | 453,772    | 446,162           |
| NC                  | 755,099                | 806,717    | 843,544    | 901,076           | 498,054                   | 528,652    | 526,644    | 517,813           |
| ND                  | 530,221                | 566,466    | 592,325    | 632,724           | 1,249,708                 | 1,326,484  | 1,321,447  | 1,299,286         |
| OH                  | 1,028,001              | 1,098,274  | 1,148,410  | 1,226,736         | 640,045                   | 679,366    | 676,787    | 665,437           |
| OK                  | 722,675                | 772,076    | 807,321    | 862,384           | 1,727,615                 | 1,833,751  | 1,826,788  | 1,796,153         |
| OR                  | 135,654                | 144,927    | 151,543    | 161,879           | 575,326                   | 610,672    | 608,353    | 598,151           |
| PA                  | 892,758                | 953,785    | 997,326    | 1,065,347         | 300,355                   | 318,807    | 317,597    | 312,271           |
| RI                  | 1,902                  | 2,033      | 2,125      | 2,270             | 235                       | 249        | 248        | 244               |
| SC                  | 103,838                | 110,937    | 116,001    | 123,913           | 81,293                    | 86,287     | 85,959     | 84,518            |
| SD                  | 488,519                | 521,914    | 545,739    | 582,961           | 1,704,189                 | 1,808,886  | 1,802,017  | 1,771,798         |
| TN                  | 653,204                | 697,856    | 729,713    | 779,482           | 391,481                   | 413,532    | 413,954    | 407,012           |
| TX                  | 1,474,328              | 1,575,111  | 1,647,015  | 1,759,348         | 3,544,010                 | 3,761,736  | 3,747,452  | 3,684,608         |
| UT                  | 67,188                 | 71,780     | 75,057     | 80,176            | 198,569                   | 210,768    | 209,968    | 206,446           |
| VT                  | 68,178                 | 72,838     | 76,163     | 81,358            | 19,493                    | 20,691     | 20,612     | 20,267            |
| VA                  | 379,671                | 405,625    | 424,142    | 453,070           | 189,743                   | 201,400    | 200,635    | 197,271           |
| WA                  | 351,057                | 357,055    | 392,176    | 418,924           | 1,236,860                 | 1,312,847  | 1,307,862  | 1,285,929         |
| WV                  | 117,209                | 125,221    | 130,938    | 139,868           | 29,487                    | 31,299     | 31,180     | 30,657            |
| WI                  | 1,451,886              | 1,551,135  | 1,621,945  | 1,732,568         | 1,381,658                 | 1,466,541  | 1,460,972  | 1,436,472         |
| WY                  | 119,201                | 127,349    | 133,163    | 142,245           | 389,075                   | 412,978    | 411,410    | 404,510           |
| US                  | 31,839,697             | 34,016,207 | 35,569,061 | 37,995,001        | 44,203,079                | 46,918,704 | 46,740,538 | 45,956,708        |

<sup>1</sup> Includes operator households. Includes loans of national and commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of borrower. <sup>2</sup> Preliminary. <sup>3</sup> Includes District of Columbia.

ERS, Farm Sector and Performance and Well-Being Branch, (202) 694–5586.

**Table 10-7.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions,<sup>1</sup> Dec. 31, 1993–2002<sup>2</sup>**

| Year              | North-east | Lake States | Corn Belt | North-ern Plains | Appa-lachian | South-east | Delta States | South-ern Plains | Moun-tain | Pacific  | United States |
|-------------------|------------|-------------|-----------|------------------|--------------|------------|--------------|------------------|-----------|----------|---------------|
|                   | Per-cent   | Per-cent    | Per-cent  | Per-cent         | Per-cent     | Per-cent   | Per-cent     | Per-cent         | Per-cent  | Per-cent | Per-cent      |
| 1993              | 7.7        | 7.7         | 7.8       | 7.7              | 7.8          | 8.0        | 7.9          | 7.7              | 7.6       | 7.9      | 7.8           |
| 1994              | 7.9        | 7.9         | 8.0       | 7.9              | 8.0          | 8.2        | 8.1          | 7.9              | 7.8       | 8.1      | 8.0           |
| 1995              | 7.9        | 8.0         | 8.1       | 8.0              | 8.1          | 8.2        | 8.2          | 7.9              | 7.8       | 8.0      | 8.0           |
| 1996              | 8.1        | 8.1         | 8.2       | 8.1              | 8.3          | 8.5        | 8.3          | 7.9              | 7.9       | 8.2      | 8.1           |
| 1997              | 7.9        | 8.0         | 8.1       | 8.0              | 8.1          | 8.2        | 8.2          | 7.9              | 7.8       | 8.0      | 8.0           |
| 1998              | 7.9        | 8.0         | 8.0       | 7.9              | 8.1          | 8.1        | 8.1          | 7.9              | 7.8       | 7.9      | 8.0           |
| 1999              | 7.6        | 7.6         | 7.7       | 7.6              | 7.7          | 7.7        | 7.7          | 7.6              | 7.4       | 7.5      | 7.6           |
| 2000              | 7.8        | 7.8         | 7.9       | 7.8              | 7.9          | 8.0        | 7.9          | 7.8              | 7.6       | 7.7      | 7.8           |
| 2001              | 7.4        | 7.4         | 7.5       | 7.4              | 7.5          | 7.5        | 7.5          | 7.4              | 7.2       | 7.3      | 7.4           |
| 2002 <sup>3</sup> | 6.9        | 7.0         | 7.0       | 6.9              | 7.0          | 7.0        | 7.0          | 6.9              | 6.9       | 7.0      | 7.0           |

<sup>1</sup> Includes operator households. For States included in regions, see footnote 1, table 10-5. <sup>2</sup> Contract rates. Excludes Alaska and Hawaii. <sup>3</sup> Preliminary.

ERS, Farm Sector Performance and Well-Being Branch, (202) 694–5586.

**Table 10-8.—Farm real estate debt: Interest charges on debt outstanding, by farming regions<sup>1</sup>, 1993–2002<sup>2</sup>**

| Year              | Northeast            | Lake States          | Corn Belt            | Northern Plains      | Appalachian          | Southeast            |
|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                   | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| 1993              | 319,704              | 617,365              | 1,465,078            | 684,447              | 479,959              | 463,735              |
| 1994              | 334,572              | 646,787              | 1,541,089            | 720,994              | 495,254              | 485,115              |
| 1995              | 333,765              | 675,051              | 1,611,737            | 744,051              | 507,155              | 491,280              |
| 1996              | 347,696              | 703,277              | 1,679,010            | 775,107              | 528,323              | 511,785              |
| 1997              | 350,540              | 726,944              | 1,741,748            | 785,712              | 529,043              | 515,126              |
| 1998              | 348,553              | 764,419              | 1,822,966            | 811,740              | 548,519              | 529,763              |
| 1999              | 343,985              | 759,983              | 1,833,463            | 815,285              | 552,230              | 531,987              |
| 2000              | 377,270              | 797,200              | 1,946,281            | 863,893              | 601,009              | 584,616              |
| 2001              | 375,377              | 783,153              | 1,912,101            | 846,978              | 603,228              | 585,136              |
| 2002 <sup>3</sup> | 350,389              | 728,015              | 1,766,282            | 785,192              | 557,912              | 541,142              |

  

| Year              | Delta States         | Southern Plains      | Mountain             | Pacific              | United States        |
|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                   | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| 1993              | 316,449              | 500,736              | 503,406              | 889,014              | 6,254,851            |
| 1994              | 338,366              | 517,086              | 520,084              | 921,092              | 6,535,257            |
| 1995              | 353,230              | 533,017              | 527,831              | 919,063              | 6,708,371            |
| 1996              | 367,974              | 555,265              | 549,862              | 957,375              | 6,988,375            |
| 1997              | 378,392              | 585,733              | 554,381              | 978,942              | 7,158,756            |
| 1998              | 394,658              | 607,429              | 561,115              | 1,032,822            | 7,434,976            |
| 1999              | 402,257              | 607,761              | 554,858              | 1,048,096            | 7,462,658            |
| 2000              | 438,061              | 649,943              | 588,395              | 1,143,326            | 8,002,859            |
| 2001              | 434,588              | 642,149              | 578,554              | 1,151,863            | 7,925,623            |
| 2002 <sup>3</sup> | 401,503              | 602,103              | 546,715              | 1,087,071            | 7,377,926            |

<sup>1</sup> Includes operator households. For States included in regions, see footnote 1, table 10-5. <sup>2</sup> Interest charges during calendar year. <sup>3</sup> Preliminary.  
ERS, Farm Sector Performance and Well-Being Branch, (202) 694-5586.

**Table 10-9.—Farm real estate debt: Amount outstanding by lender, United States, Dec. 31, 1993–2002<sup>1</sup>**

| Year              | Farm Credit System   | Farm Service Agency <sup>2</sup> | Life insurance companies <sup>3</sup> | All operating banks <sup>4</sup> | Individuals and others <sup>5</sup> | CCC storage and drying facility | Total farm mortgage debt |
|-------------------|----------------------|----------------------------------|---------------------------------------|----------------------------------|-------------------------------------|---------------------------------|--------------------------|
|                   | <i>1,000 dollars</i> | <i>1,000 dollars</i>             | <i>1,000 dollars</i>                  | <i>1,000 dollars</i>             | <i>1,000 dollars</i>                | <i>1,000 dollars</i>            | <i>1,000 dollars</i>     |
| 1993              | 26,460,450           | 6,216,178                        | 9,469,174                             | 20,847,783                       | 17,450,000                          | 0                               | 80,738,585               |
| 1994              | 26,300,421           | 5,852,920                        | 9,562,841                             | 22,555,042                       | 18,700,000                          | 0                               | 82,971,224               |
| 1995              | 26,529,840           | 5,403,307                        | 9,622,280                             | 23,805,146                       | 19,200,000                          | 0                               | 84,560,906               |
| 1996              | 27,462,253           | 5,025,262                        | 10,021,976                            | 24,870,048                       | 19,700,000                          | 0                               | 87,079,339               |
| 1997              | 28,922,818           | 4,663,567                        | 10,267,452                            | 26,968,325                       | 20,200,000                          | 0                               | 91,022,162               |
| 1998              | 30,824,704           | 4,352,326                        | 11,353,694                            | 29,029,001                       | 20,000,000                          | 0                               | 95,559,725               |
| 1999              | 32,339,403           | 4,136,820                        | 12,165,553                            | 31,839,697                       | 19,900,000                          | 0                               | 100,381,473              |
| 2000              | 33,907,358           | 3,907,122                        | 12,514,220                            | 34,016,207                       | 19,543,500                          | 58,000                          | 103,946,407              |
| 2001              | 37,559,173           | 3,830,284                        | 12,700,000                            | 35,569,061                       | 19,847,000                          | 153,000                         | 109,658,518              |
| 2002 <sup>6</sup> | 43,416,173           | 3,655,172                        | 13,000,000                            | 37,995,001                       | 20,243,000                          | 257,000                         | 118,566,346              |

<sup>1</sup> Includes operator households. Includes regular mortgages, purchase-money mortgages, and sales contracts. <sup>2</sup> Includes farm ownership loans, soil and water loans to individuals, rural and labor housing loans, association loans for grazing, Indian tribe land acquisition loans, and one-half of economic emergency loans. <sup>3</sup> Compiled by American Council of Life Insurance. <sup>4</sup> Includes all operating commercial, savings, and private banks. <sup>5</sup> Estimated by ERS. <sup>6</sup> Preliminary.  
ERS, Farm Sector Performance and Well-Being Branch, (202) 694-5586.

**Table 10-10.—Nonreal estate farm debt: Amount outstanding, by lender, United States, Dec. 31, 1993–2002<sup>1</sup>**

| Year              | Debt owed to reporting institutions (excluding CCC) |                                 |                        |                        | Debts owed to individuals and others | Total excluding CCC loans | Price-support loans made or guaranteed by CCC <sup>2</sup> | Total including CCC loans |
|-------------------|---|---------------------------------|------------------------|------------------------|--------------------------------------|---------------------------|--|---------------------------|
|                   | All operating banks                                 | Farm Credit System <sup>2</sup> | Farm Service Agency    | Total                  |                                      |                           |  |                           |
|                   | <i>Million dollars</i>                              | <i>Million dollars</i>          | <i>Million dollars</i> | <i>Million dollars</i> | <i>Million dollars</i>               | <i>Million dollars</i>    | <i>Million dollars</i>                                     | <i>Million dollars</i>    |
| 1993              | 36,778  | 10,979                          | 7,090                  | 54,846                 | 14,500                               | 69,346                    | 3,170  | 72,517                    |
| 1994              | 38,663  | 11,646                          | 6,841                  | 57,150                 | 15,500                               | 72,650                    | 6,237  | 78,887                    |
| 1995              | 39,735  | 12,382                          | 5,786                  | 58,513                 | 16,500                               | 75,013                    | 2,979  | 77,992                    |
| 1996              | 40,362  | 14,599                          | 5,243                  | 60,204                 | 17,900                               | 78,004                    | 3,508  | 81,512                    |
| 1997              | 43,908  | 15,878                          | 4,899                  | 64,685                 | 19,200                               | 83,885                    | 1,982  | 85,867                    |
| 1998              | 45,097  | 17,314                          | 4,538                  | 66,949                 | 20,000                               | 86,949                    | 5,230  | 92,179                    |
| 1999              | 44,203  | 16,579                          | 4,557                  | 65,340                 | 20,700                               | 86,040                    | 5,681  | 91,721                    |
| 2000              | 46,919  | 17,455                          | 4,402                  | 68,776                 | 21,735                               | 90,511                    | 4,253  | 94,764                    |
| 2001              | 46,741  | 19,962                          | 4,309                  | 71,012                 | 22,100                               | 93,112                    | 5,464  | 98,576                    |
| 2002 <sup>3</sup> | 45,957  | 20,453                          | 4,118                  | 70,527                 | 22,700                               | 93,227                    | 4,752  | 97,979                    |

<sup>1</sup> Includes operator households. <sup>2</sup> Although price-support loans of the Commodity Credit Corporation (CCC) are non-recourse loans, they are treated as income in the year received. They are not considered farm debt even though borrowers must either pay them or deliver the commodities on which they are based. <sup>3</sup> Preliminary.  
ERS, Farm Sector Performance and Well-Being Branch, (202) 694-5586.



**Table 10-11.—Farm Service Agency: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1994–2003 <sup>1</sup>**

| Year       | Loans to individuals |                      |                      |                |                      |                      |                      |
|------------|----------------------|----------------------|----------------------|----------------|----------------------|----------------------|----------------------|
|            | Farm ownership       |                      |                      | Soil and water |                      |                      | Recreation           |
|            | New borrowers        | Loans made           | Outstanding Jan. 1   | New borrowers  | Loans made           | Outstanding Jan. 1   | Outstanding Jan. 1   |
|            | <i>Number</i>        | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>Number</i>  | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| 1994 ..... | 4,418                | 681,217              | 5,012,489            | 98             | 3,146                | 138,686              | 4,521                |
| 1995 ..... | 3,727                | 616,870              | 4,715,766            | 0              | 0                    | 124,733              | 4,278                |
| 1996 ..... | 3,630                | 624,316              | 6,816,032            | 0              | 0                    | 118,484              | .....                |
| 1997 ..... | 3,482                | 613,877              | 7,008,911            | 0              | 0                    | 98,774               | 3,874                |
| 1998 ..... | 2,899                | 508,466              | 6,831,520            | 0              | 0                    | 81,067               | 2,949                |
| 1999 ..... | 4,308                | 944,694              | 6,675,272            | 0              | 0                    | 76,042               | 2,694                |
| 2000 ..... | 4,552                | 1,106,492            | 6,755,110            | 0              | 0                    | 66,602               | 2,221                |
| 2001 ..... | 3,704                | 1,015,634            | 7,287,728            | 0              | 0                    | 52,883               | 1,784                |
| 2002 ..... | 4,107                | 1,279,027            | 7,495,449            | 0              | 0                    | 46,284               | 1,447                |
| 2003 ..... | 4,174                | 1,399,740            | 7,749,043            | 0              | 0                    | 38,484               | 1,263                |

| Year       | Loans to individuals |                      |                      |               |                      |                      |
|------------|----------------------|----------------------|----------------------|---------------|----------------------|----------------------|
|            | Operating            |                      |                      | Emergency     |                      |                      |
|            | New borrowers        | Loans made           | Outstanding Jan. 1   | New borrowers | Loans made           | Outstanding Jan. 1   |
|            | <i>Number</i>        | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>Number</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| 1994 ..... | 13,137               | 2,014,715            | 2,805,783            | 2,469         | 90,013               | 3,649,004            |
| 1995 ..... | 10,517               | 1,816,177            | 2,711,011            | 1,146         | 68,823               | 3,273,315            |
| 1996 ..... | 10,377               | 1,882,431            | 5,945,331            | 2,163         | 176,500              | 3,046,279            |
| 1997 ..... | 9,065                | 1,560,559            | 6,100,452            | 1,760         | 144,880              | 2,423,475            |
| 1998 ..... | 9,433                | 1,568,071            | 6,040,488            | 1,045         | 97,569               | 2,039,657            |
| 1999 ..... | 14,525               | 2,564,767            | 5,961,862            | 2,846         | 329,848              | 1,940,961            |
| 2000 ..... | 12,979               | 2,464,802            | 6,570,523            | 1,557         | 150,852              | 1,915,780            |
| 2001 ..... | 10,732               | 2,152,814            | 6,823,828            | 962           | 90,026               | 1,712,807            |
| 2002 ..... | 10,476               | 2,217,735            | 6,639,837            | 501           | 57,608               | 1,523,438            |
| 2003 ..... | 10,577               | 2,121,150            | 6,728,636            | 920           | 95,698               | 1,405,430            |

| Year     | Loans to associations         |                      |                      |                      |   | Economic opportunity individual loans | Economic emergency loans |
|----------|-------------------------------|----------------------|----------------------|----------------------|---|---------------------------------------|--------------------------|
|          | Indian tribe land acquisition |                      |                      | Grazing association  | Irrigation, drainage, and soil conservation | Outstanding Jan. 1                    | Outstanding Jan. 1       |
|          | New borrowers                 | Loans made           | Outstanding Jan. 1   | Outstanding Jan. 1   | Outstanding Jan. 1                          |                                       |                          |
|          | <i>Number</i>                 | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i>                        | <i>1,000 dollars</i>                  | <i>1,000 dollars</i>     |
| 1994 ... | 1                             | 137                  | 75,575               | 31,267               | 10,428                                      | 28                                    | 1,375,611                |
| 1995 ... | 1                             | 550                  | 74,171               | 28,929               | 10,183                                      | 25                                    | 1,185,261                |
| 1996 ... | 0                             | 641                  | 73,479               | 28,613               | 6,657                                       | 14                                    | 1,082,954                |
| 1997 ... | 0                             | 224                  | 62,603               | 23,878               | 6,229                                       | 14                                    | 874,601                  |
| 1998 ... | 0                             | 500                  | 59,856               | 19,654               | 5,956                                       | 12                                    | 685,147                  |
| 1999 ... | 0                             | 0                    | 58,461               | 17,855               | 5,666                                       | 11                                    | 653,953                  |
| 2000 ... | 1                             | 673                  | 57,117               | 15,660               | 5,449                                       | 10                                    | 545,423                  |
| 2001 ... | 1                             | 590                  | 62,738               | 12,785               | 5,177                                       | 8                                     | 427,176                  |
| 2002 ... | 1                             | 74                   | 60,777               | 10,849               | 3,729                                       | 8                                     | 364,377                  |
| 2003 ... | 1                             | 110                  | 55,421               | 8,947                | 3,330                                       | 7                                     | 315,601                  |

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

FSA, Loan Making Division, (202) 690-4006.

**Table 10-12.—Farmers’ marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1993–2002**

| Year <sup>1</sup>       | Cooperatives <sup>2</sup> |               |                              |               | Estimated memberships <sup>4</sup> |                      |                              |                      | Estimated service receipts <sup>5</sup> |
|-------------------------|---------------------------|---------------|------------------------------|---------------|------------------------------------|----------------------|------------------------------|----------------------|---|
|                         | Marketing                 | Farm supply   | Related service <sup>3</sup> | Total         | Marketing                          | Farm supply          | Related service <sup>3</sup> | Total                |   |
|                         | <i>Number</i>             | <i>Number</i> | <i>Number</i>                | <i>Number</i> | <i>1,000 members</i>               | <i>1,000 members</i> | <i>1,000 members</i>         | <i>1,000 members</i> |   |
| 1993 .....              | 2,214                     | 1,547         | 483                          | 4,244         | 1,830                              | 1,977                | 216                          | 4,023                | 2,724                                   |
| 1994 .....              | 2,173                     | 1,496         | 505                          | 4,174         | 1,805                              | 1,936                | 245                          | 3,986                | 2,986                                   |
| 1995 .....              | 2,074                     | 1,458         | 474                          | 4,006         | 1,712                              | 1,846                | 210                          | 3,767                | 3,284                                   |
| 1996 .....              | 2,012                     | 1,403         | 469                          | 3,884         | 1,682                              | 1,795                | 187                          | 3,664                | 3,100                                   |
| 1997 <sup>6</sup> ..... | 1,941                     | 1,386         | 464                          | 3,791         | 1,498                              | 1,706                | 183                          | 3,387                | 3,647                                   |
| 1998 .....              | 1,863                     | 1,347         | 441                          | 3,651         | 1,398                              | 1,774                | 181                          | 3,353                | 3,473                                   |
| 1999 .....              | 1,749                     | 1,313         | 404                          | 3,466         | 1,283                              | 1,731                | 159                          | 3,173                | 3,905                                   |
| 2000 .....              | 1,672                     | 1,277         | 397                          | 3,346         | 1,243                              | 1,718                | 124                          | 3,085                | 3,510                                   |
| 2001 .....              | 1,606                     | 1,234         | 389                          | 3,229         | 1,160                              | 1,746                | 128                          | 3,034                | 3,471                                   |
| 2002 <sup>7</sup> ..... | 1,559                     | 1,201         | 380                          | 3,140         | 1,049                              | 1,637                | 107                          | 2,794                | 3,416                                   |

  

| Year <sup>1</sup>       | Marketing volume                      |                                     | Farm supply volume                    |                                     | Total marketing and farm supply volume and service receipts |                                     |
|-------------------------|---------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|---|-------------------------------------|
|                         | Estimated gross business <sup>8</sup> | Estimated net business <sup>9</sup> | Estimated gross business <sup>8</sup> | Estimated net business <sup>9</sup> | Estimated gross business <sup>8</sup>                       | Estimated net business <sup>9</sup> |
|                         | <i>Million dollars</i>                | <i>Million dollars</i>              | <i>Million dollars</i>                | <i>Million dollars</i>              | <i>Million dollars</i>                                      | <i>Million dollars</i>              |
| 1993 .....              | 66,839                                | 60,930                              | 28,180                                | 19,218                              | 97,744  | 82,872                              |
| 1994 .....              | 72,148                                | 65,545                              | 30,405                                | 20,779                              | 105,539   | 89,309                              |
| 1995 .....              | 77,946                                | 69,321                              | 30,965                                | 21,213                              | 112,195   | 93,818                              |
| 1996 .....              | 90,270                                | 79,429                              | 34,728                                | 23,653                              | 128,098   | 106,182                             |
| 1997 <sup>6</sup> ..... | 85,949                                | 77,843                              | 37,076                                | 25,181                              | 126,673   | 106,670                             |
| 1998 .....              | 84,524                                | 76,642                              | 32,964                                | 24,551                              | 120,961   | 104,667                             |
| 1999 .....              | 80,506                                | 71,982                              | 30,879                                | 23,177                              | 115,291   | 99,064                              |
| 2000 .....              | 80,400                                | 72,065                              | 36,809                                | 24,085                              | 120,719   | 99,659                              |
| 2001 .....              | 83,954                                | 75,042                              | 36,141                                | 24,756                              | 123,566   | 103,269                             |
| 2002 <sup>7</sup> ..... | 76,618                                | 69,656                              | 31,519                                | 23,679                              | 111,553   | 96,750                              |

<sup>1</sup>Reports of cooperatives are included for the calendar year. <sup>2</sup>Includes independent local cooperatives, centralized cooperatives, federations of cooperatives and cooperatives with mixed organizational structures. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative’s business is derived from marketing activities, it is included as a marketing cooperative. <sup>3</sup>Includes cooperatives whose major activity is providing services related to marketing and farm supply activities. <sup>4</sup>Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.) <sup>5</sup>Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities. <sup>6</sup>Revised. <sup>7</sup>Preliminary. <sup>8</sup>Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm supply cooperatives with other cooperatives or terminal market sales for local cooperatives. <sup>9</sup>Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Rural Business-Cooperative Service (RBS), Statistics, (202) 720-2480 or celestine.adams@usda.gov. Based on records from cooperatives reporting to the Service.

**Table 10-13.—Farmers' cooperatives: Business volume of marketing, farm supply, and related service cooperatives, United States, 2001 and 2002 (preliminary)**

| Item  | Gross business     |                    | Net business <sup>1</sup> |                   |
|---|--------------------|--------------------|---------------------------|-------------------|
|   | 2001               | 2002               | 2001                      | 2002              |
|   | 1,000 dollars      | 1,000 dollars      | 1,000 dollars             | 1,000 dollars     |
| <b>Products marketed:</b>   |                    |                    |                           |                   |
| Beans and peas (dry edible) .....   | 154,120            | 101,448            | 151,427                   | 98,788            |
| Cotton and cotton products .....  | 2,457,339          | 2,526,938          | 2,400,371                 | 2,461,250         |
| Dairy products .....  | 29,408,877         | 25,891,132         | 26,186,721                | 23,037,708        |
| Fruits and vegetables .....   | 9,685,688          | 8,435,417          | 8,822,247                 | 7,337,916         |
| Grain and oilseeds excluding .....  |                    |                    |                           |                   |
| cottonseeds .....   | 22,619,166         | 20,147,945         | 18,055,321                | 17,474,432        |
| Livestock and livestock products .....  | 9,558,957          | 9,901,079          | 9,558,957                 | 9,901,079         |
| Nuts .....  | 893,281            | 947,172            | 893,281                   | 935,526           |
| Poultry products .....  | 2,216,694          | 2,467,207          | 2,216,694                 | 2,402,767         |
| Rice .....  | 756,262            | 750,892            | 756,262                   | 748,361           |
| Sugar products .....  | 2,738,229          | 2,440,433          | 2,647,675                 | 2,440,433         |
| Tobacco .....   | 440,759            | 226,733            | 440,759                   | 226,733           |
| Wool and mohair .....   | 7,781              | 7,760              | 7,781                     | 7,760             |
| Miscellaneous <sup>2</sup> .....  | 3,016,585          | 2,773,701          | 2,904,315                 | 2,583,066         |
| <b>Total farm products .....</b>  | <b>83,953,737</b>  | <b>76,617,857</b>  | <b>75,041,810</b>         | <b>69,655,819</b> |
| <b>Supplies purchased:</b>  |                    |                    |                           |                   |
| Crop protectants .....  | 3,643,793          | 3,116,940          | 2,956,777                 | 2,712,803         |
| Feed .....  | 5,485,950          | 6,685,827          | 3,998,286                 | 5,373,378         |
| Fertilizer .....  | 7,402,223          | 5,150,680          | 4,966,445                 | 4,314,685         |
| Petroleum .....   | 14,084,842         | 11,383,867         | 8,445,751                 | 7,157,086         |
| Seed .....  | 1,520,107          | 1,592,441          | 1,051,064                 | 1,085,500         |
| Other supplies <sup>3</sup> .....   | 4,004,391          | 3,589,206          | 3,337,902                 | 3,035,331         |
| <b>Total farm supplies .....</b>  | <b>36,141,305</b>  | <b>31,518,961</b>  | <b>24,756,224</b>         | <b>23,678,783</b> |
| <b>Receipts for services:<sup>4</sup></b>                                       |                    |                    |                           |                   |
| Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous ..... | 3,470,717          | 3,415,786          | 3,470,717                 | 3,415,786         |
| <b>Total business .....</b>   | <b>123,565,760</b> | <b>111,552,604</b> | <b>103,268,751</b>        | <b>96,750,388</b> |

<sup>1</sup>Represents value at the first level at which cooperatives transact business for farmers. <sup>2</sup>Includes coffee, fish, forest products, hay, hops, seed marketed for growers, nursery stock, other farm products not separately classified, and sales of farm products not received directly from member-patrons. Also includes manufactured food products and resale items marketed by cooperatives. <sup>3</sup>Includes automotive supplies, building materials, chicks, containers, farm machinery and equipment, hardware, meats and groceries, and other supplies not separately classified. <sup>4</sup>Charges for services related to marketing or purchasing but not included in the volume reported for those activities, plus other income.

RBS, Statistics, (202) 720-2480 or celestine.adams@usda.gov. Based on records from cooperatives reporting to the Service.

**Table 10-14.—Farmers' cooperatives: Types, numbers, and memberships, United States, 2002**

| Type  | Year or date of data | Associations | Estimated memberships or participants |
|---|----------------------|--------------|---------------------------------------|
| <b>Marketing, farm supply, and related service:<sup>1</sup></b> |                      |              |                                       |
| Marketing .....   | 2002 .....           | 1,559        | 1,049,091                             |
| Farm supply .....   | 2002 .....           | 1,201        | 1,637,061                             |
| Related services <sup>2</sup> .....                             | 2002 .....           | 380          | 107,398                               |
| <b>Service:</b>   |                      |              |                                       |
| Production credit associations <sup>3</sup> .....               | Sept. 30, 2002 ..... | 4            | NA                                    |
| Rural credit unions <sup>4</sup> .....                          | Dec. 31, 2002 .....  | 512          | 3,655                                 |
| Rural electric cooperatives <sup>5</sup> .....                  | Dec. 31, 2002 .....  | 644          | 10,976                                |
| <b>Production:</b>  |                      |              |                                       |
| Dairy herd improvement associations <sup>6</sup> .....          | Jan. 01, 2002 .....  | NA           | 27,784                                |

<sup>1</sup>Rural Business - Cooperative Service, U.S. Department of Agriculture. <sup>2</sup>Includes trucking, storage, grinding, locker plant, and other services. <sup>3</sup>Farm Credit Administration. <sup>4</sup>Credit Union National Association, Inc. <sup>5</sup>Rural Utilities Service, U.S. Department of Agriculture. <sup>6</sup>Agriculture Research Service, U.S. Department of Agriculture. NA-not available.

RBS, Statistics, (202) 720-2480 or celestine.adams@usda.gov.

**Table 10-15.—Farmers’ cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1999 to 2002 (preliminary)**

| State                      | Cooperatives headquartered in State |        | Memberships in State <sup>1</sup> |           | Net business <sup>1</sup> |               |
|----------------------------|-------------------------------------|--------|-----------------------------------|-----------|---------------------------|---------------|
|                            | 2001                                | 2002   | 1999                              | 2001      | 1999                      | 2001          |
|                            | Number                              | Number | Number                            | Number    | 1,000 dollars             | 1,000 dollars |
| AL .....                   | 62                                  | 61     | 53,886                            | 42,222    | 1,169,594                 | 949,788       |
| AK .....                   | 9                                   | 9      | 1,815                             | 4,812     | 76,496                    | 43,561        |
| AZ .....                   | 9                                   | 9      | 3,376                             | 2,710     | 927,983                   | 607,896       |
| AR .....                   | 52                                  | 52     | 56,038                            | 55,431    | 1,643,198                 | 1,670,856     |
| CA .....                   | 171                                 | 164    | 53,604                            | 49,553    | 7,823,548                 | 7,572,686     |
| CO .....                   | 47                                  | 44     | 32,613                            | 29,122    | 928,817                   | 1,118,632     |
| CT .....                   | 5                                   | 5      | 2,728                             | 1,899     | 175,897                   | 214,144       |
| DE .....                   | 3                                   | 3      | 43,422                            | 43,430    | 89,741                    | 103,958       |
| FL .....                   | 40                                  | 39     | 26,050                            | 29,753    | 2,419,178                 | 2,413,535     |
| GA .....                   | 17                                  | 17     | 26,673                            | 21,748    | 2,006,532                 | 1,676,955     |
| HI .....                   | 20                                  | 20     | 2,768                             | 904       | 103,807                   | 28,829        |
| ID .....                   | 37                                  | 37     | 18,583                            | 20,259    | 1,331,705                 | 1,422,387     |
| IL .....                   | 175                                 | 169    | 195,258                           | 175,871   | 5,316,036                 | 5,470,384     |
| IN .....                   | 46                                  | 44     | 75,409                            | 66,818    | 1,931,213                 | 2,070,633     |
| IA .....                   | 166                                 | 157    | 180,168                           | 162,249   | 7,932,170                 | 9,232,231     |
| KS .....                   | 133                                 | 129    | 133,269                           | 129,576   | 4,658,873                 | 4,794,447     |
| KY .....                   | 42                                  | 42     | 231,862                           | 242,873   | 773,265                   | 707,833       |
| LA .....                   | 47                                  | 47     | 12,294                            | 13,032    | 564,193                   | 735,703       |
| ME .....                   | 26                                  | 26     | 8,348                             | 7,922     | 203,284                   | 225,165       |
| MD .....                   | 17                                  | 17     | 71,953                            | 74,404    | 352,277                   | 411,482       |
| MA .....                   | 12                                  | 12     | 5,551                             | 4,573     | 627,730                   | 637,056       |
| MI .....                   | 62                                  | 62     | 29,788                            | 28,660    | 1,925,074                 | 2,198,121     |
| MN .....                   | 293                                 | 287    | 186,902                           | 176,594   | 9,306,888                 | 9,895,732     |
| MS .....                   | 70                                  | 70     | 105,239                           | 111,043   | 949,425                   | 1,055,738     |
| MO .....                   | 66                                  | 63     | 142,771                           | 109,134   | 4,860,441                 | 4,611,124     |
| MT .....                   | 65                                  | 65     | 28,720                            | 33,066    | 685,725                   | 719,154       |
| NE .....                   | 95                                  | 90     | 92,353                            | 84,834    | 4,543,391                 | 4,720,598     |
| NV .....                   | (2)                                 | (2)    | (2)                               | (2)       | (2)                       | (2)           |
| NH .....                   | (2)                                 | (2)    | (2)                               | (2)       | (2)                       | (2)           |
| NJ .....                   | 16                                  | 15     | 7,347                             | 7,052     | 312,984                   | 388,148       |
| NM .....                   | 10                                  | 9      | 2,974                             | 2,705     | 554,906                   | 507,304       |
| NY .....                   | 92                                  | 89     | 17,770                            | 37,431    | 3,235,290                 | 2,825,792     |
| NC .....                   | 22                                  | 20     | 98,404                            | 96,351    | 825,510                   | 975,355       |
| ND .....                   | 239                                 | 232    | 118,435                           | 120,303   | 3,041,338                 | 3,292,172     |
| OH .....                   | 73                                  | 70     | 55,970                            | 53,407    | 2,277,303                 | 2,792,014     |
| OK .....                   | 81                                  | 80     | 68,611                            | 65,640    | 1,386,496                 | 1,562,099     |
| OR .....                   | 33                                  | 32     | 24,638                            | 27,043    | 1,716,532                 | 1,703,893     |
| PA .....                   | 54                                  | 52     | 45,008                            | 33,442    | 1,353,040                 | 1,440,730     |
| RI .....                   | 5                                   | 5      | 3,458                             | 2,639     | 246,516                   | 185,466       |
| SC .....                   | 126                                 | 122    | 107,046                           | 98,395    | 2,451,052                 | 2,699,501     |
| TN .....                   | 79                                  | 79     | 139,124                           | 137,805   | 729,982                   | 808,937       |
| TX .....                   | 238                                 | 230    | 118,064                           | 109,926   | 3,400,868                 | 3,876,461     |
| UT .....                   | 17                                  | 16     | 10,013                            | 9,354     | 461,461                   | 512,095       |
| VT .....                   | 5                                   | 5      | 5,981                             | 4,557     | 471,561                   | 523,119       |
| VA .....                   | 57                                  | 57     | 174,308                           | 193,470   | 996,687                   | 846,781       |
| WA .....                   | 78                                  | 77     | 33,903                            | 31,664    | 3,325,162                 | 3,331,110     |
| WV .....                   | 26                                  | 26     | 75,083                            | 83,051    | 88,703                    | 99,281        |
| WI .....                   | 175                                 | 168    | 205,690                           | 186,490   | 8,018,466                 | 8,738,431     |
| WY .....                   | 12                                  | 12     | 5,145                             | 5,485     | 258,813                   | 241,042       |
| US .....                   | 3,229                               | 3,140  | 3,168,534                         | 3,031,142 | 98,574,157                | 102,769,087   |
| Foreign <sup>3</sup> ..... |                                     |        | 4,789                             | 2,765     | 490,163                   | 499,664       |
| Total .....                | 3,229                               | 3,140  | 3,173,323                         | 3,033,907 | 99,064,320                | 103,268,751   |

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. These statistics for 2000 are presented on a national basis only. Totals may not add due to rounding. <sup>2</sup> Dollar volume or membership is not shown to avoid disclosing operations of individual cooperatives. <sup>3</sup> Sales outside the United States, sales to domestic military installations, and sales of certain products not received directly from member-patrons.

**Table 10-16.—Rural Utilities Service: Long-term electric financing approved by purpose, by States as of December 31, 2002**

| State    | Borrowers | Total financing approved |                    |                                    |                               |  |                     | Loan estimates |            |
|----------|-----------|--------------------------|--------------------|------------------------------------|-------------------------------|--|---------------------|----------------|------------|
|          |           | RUS loans                | Non-RUS financing  |                                    | Financing approved by purpose |  |                     | Miles of line  | Consumers  |
|          |           |                          | With RUS guarantee | Without RUS guarantee <sup>1</sup> | Distribution                  | Generation and transmission <sup>1</sup> | Consumer facilities |                |            |
|          | Number    | 1,000 dollars            | 1,000 dollars      | 1,000 dollars                      | 1,000 dollars                 | 1,000 dollars                            | 1,000 dollars       | Number         | Number     |
| AL ..... | 27        | 708,815                  | 915,331            | 280,177                            | 736,420                       | 1,166,545                                | 1,359               | 62,272         | 553,058    |
| AK ..... | 17        | 830,869                  | 295,214            | 132,206                            | 554,302                       | 702,898                                  | 1,089               | 10,171         | 179,453    |
| AZ ..... | 15        | 328,587                  | 446,769            | 136,416                            | 371,956                       | 539,325                                  | 490                 | 20,343         | 192,970    |
| AR ..... | 20        | 955,421                  | 1,167,934          | 455,399                            | 1,181,826                     | 1,392,456                                | 4,471               | 72,412         | 520,925    |
| CA ..... | 10        | 83,836                   | .....              | 6,803                              | 73,302                        | 17,280                                   | 56                  | 6,543          | 76,837     |
| CO ..... | 25        | 1,171,611                | 2,204,730          | 680,265                            | 1,057,676                     | 2,998,856                                | 74                  | 71,208         | 420,143    |
| CT ..... | 0         | .....                    | .....              | .....                              | .....                         | .....                                    | .....               | 0              | 0          |
| DE ..... | 1         | 56,030                   | 8,000              | 18,666                             | 81,832                        | 861                                      | 3                   | 5,508          | 66,007     |
| FL ..... | 18        | 1,018,900                | 1,229,734          | 609,514                            | 1,388,886                     | 1,466,743                                | 2,519               | 66,201         | 830,074    |
| GA ..... | 50        | 1,714,007                | 6,111,885          | 1,840,527                          | 2,918,510                     | 6,744,951                                | 2,959               | 158,045        | 1,657,315  |
| HI ..... | 1         | 215,000                  | .....              | .....                              | 215,000                       | .....                                    | .....               | 820            | 30,500     |
| ID ..... | 10        | 155,838                  | 20,134             | 36,612                             | 184,439                       | 26,949                                   | 1,197               | 12,325         | 64,241     |
| IL ..... | 29        | 567,602                  | 1,255,112          | 179,645                            | 562,549                       | 1,439,598                                | 212                 | 55,067         | 249,176    |
| IN ..... | 46        | 452,744                  | 1,483,683          | 519,176                            | 507,818                       | 1,947,068                                | 717                 | 55,474         | 436,179    |
| IA ..... | 47        | 751,363                  | 465,478            | 140,040                            | 614,714                       | 741,769                                  | 397                 | 66,124         | 206,508    |
| KY ..... | 32        | 618,059                  | 699,885            | 102,528                            | 578,529                       | 842,528                                  | 415                 | 71,808         | 216,079    |
| KS ..... | 26        | 1,384,897                | 2,370,809          | 659,700                            | 1,582,438                     | 2,831,810                                | 1,159               | 86,071         | 823,519    |
| LA ..... | 20        | 583,798                  | 2,806,455          | 370,523                            | 746,833                       | 3,013,766                                | 177                 | 49,708         | 441,341    |
| ME ..... | 4         | 32,043                   | 4,293              | 17,998                             | 35,271                        | 19,019                                   | 44                  | 2,062          | 19,197     |
| MD ..... | 2         | 263,343                  | 18,355             | 137,356                            | 310,841                       | 108,213                                  | .....               | 13,526         | 155,563    |
| MA ..... | 0         | .....                    | .....              | .....                              | .....                         | .....                                    | .....               | 0              | 0          |
| MI ..... | 10        | 539,564                  | 827,416            | 92,692                             | 509,753                       | 949,446                                  | 473                 | 34,550         | 276,963    |
| MN ..... | 48        | 1,276,039                | 2,061,189          | 452,170                            | 1,384,507                     | 2,400,545                                | 4,346               | 115,992        | 624,321    |
| MS ..... | 29        | 794,269                  | 801,296            | 283,796                            | 943,297                       | 935,369                                  | 694                 | 84,577         | 681,254    |
| MO ..... | 48        | 1,515,616                | 1,157,140          | 578,255                            | 1,440,601                     | 1,809,548                                | 821                 | 119,497        | 700,036    |
| MT ..... | 26        | 370,344                  | 34,888             | 49,161                             | 382,055                       | 72,109                                   | 229                 | 45,442         | 126,218    |
| NE ..... | 35        | 468,920                  | 15,936             | 41,577                             | 412,423                       | 113,449                                  | 562                 | 75,465         | 173,041    |
| NV ..... | 8         | 75,008                   | 1,241              | 10,441                             | 65,315                        | 21,127                                   | 248                 | 6,265          | 24,889     |
| NH ..... | 1         | 100,398                  | 143,839            | 8,696                              | 103,050                       | 149,850                                  | 32                  | 4,616          | 64,601     |
| NJ ..... | 2         | 18,173                   | .....              | 5,377                              | 22,250                        | 1,295                                    | 4                   | 1,000          | 13,334     |
| NM ..... | 17        | 455,738                  | 34,646             | 68,799                             | 500,807                       | 55,367                                   | 3,010               | 42,591         | 213,676    |
| NY ..... | 6         | 37,232                   | 13,112             | 9,464                              | 57,038                        | 2,686                                    | 85                  | 5,262          | 27,459     |
| NC ..... | 34        | 1,463,809                | 1,515,283          | 485,903                            | 1,756,789                     | 1,703,571                                | 4,635               | 94,776         | 938,641    |
| ND ..... | 24        | 1,034,346                | 2,246,220          | 867,687                            | 664,623                       | 3,481,645                                | 1,986               | 68,924         | 134,083    |
| OH ..... | 27        | 498,864                  | 471,381            | 468,530                            | 631,146                       | 807,410                                  | 218                 | 47,217         | 349,969    |
| OK ..... | 29        | 1,052,340                | 771,855            | 323,556                            | 1,118,508                     | 1,026,567                                | 2,676               | 98,706         | 493,254    |
| OR ..... | 18        | 274,598                  | 69,128             | 85,897                             | 306,775                       | 122,612                                  | 237                 | 24,267         | 140,087    |
| PA ..... | 13        | 373,972                  | 607,333            | 126,794                            | 483,069                       | 624,791                                  | 239                 | 27,198         | 220,275    |
| RI ..... | 1         | .....                    | 3,420              | .....                              | 340                           | 3,080                                    | .....               | 4              | 160        |
| SC ..... | 28        | 1,156,341                | 861,041            | 379,965                            | 1,614,903                     | 780,213                                  | 2,231               | 70,706         | 687,077    |
| SD ..... | 31        | 652,324                  | 83,987             | 98,726                             | 669,693                       | 164,464                                  | 881                 | 65,660         | 152,233    |
| TN ..... | 33        | 628,822                  | 117,858            | 190,919                            | 920,875                       | 16,500                                   | 223                 | 84,759         | 963,931    |
| TX ..... | 99        | 2,231,079                | 1,812,240          | 972,995                            | 2,569,422                     | 2,444,369                                | 2,524               | 265,261        | 1,437,528  |
| UT ..... | 6         | 72,455                   | 1,031,811          | 216,171                            | 62,920                        | 1,257,393                                | 124                 | 5,860          | 25,033     |
| VT ..... | 3         | 63,917                   | 50,726             | 7,310                              | 53,749                        | 67,300                                   | 903                 | 2,924          | 24,048     |
| VA ..... | 18        | 747,669                  | 336,294            | 251,378                            | 1,039,326                     | 295,526                                  | 488                 | 45,129         | 423,837    |
| WA ..... | 23        | 235,551                  | 7,234              | 40,181                             | 263,808                       | 18,906                                   | 252                 | 20,918         | 107,020    |
| WV ..... | 1         | 13,736                   | .....              | 1,059                              | 14,790                        | .....                                    | 5                   | 820            | 7,024      |
| WI ..... | 27        | 511,573                  | 478,940            | 156,639                            | 432,587                       | 712,756                                  | 1,809               | 46,532         | 231,898    |
| WY ..... | 13        | 280,619                  | 15,171             | 23,297                             | 253,266                       | 65,720                                   | 101                 | 28,983         | 85,424     |
| MH ..... | 1         | .....                    | 12,500             | .....                              | 325                           | 12,175                                   | .....               | 0              | 2,624      |
| PR ..... | 1         | 300,981                  | .....              | 31,424                             | 292,851                       | 39,554                                   | .....               | 16,633         | 624,343    |
| VI ..... | 1         | 430                      | .....              | .....                              | 234                           | 197                                      | .....               | 85             | 912        |
| US ..... | 1,061     | 29,138,448               | 37,086,925         | 12,652,410                         | 32,674,236                    | 46,156,173                               | 47,374              | 2,436,307      | 17,114,278 |

<sup>1</sup> Includes loans obtained by RUS borrowers' affiliates specifically organized to facilitate non-RUS financing.  
RD, Planning and Policy Branch, (202)692-0341

**Table 10-17.—Rural Utilities Service: Composite revenues and patronage capital, average number of consumers and megawatt-hour sales reported by RUS electric borrowers operating distribution systems - calendar years 2000–2002**

| Item                                      | 2000                     |                          | 2001                     |                          | 2002                     |                          |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|   | Amount                   | Per-<br>cent of<br>total | Amount                   | Per-<br>cent of<br>total | Amount                   | Per-<br>cent of<br>total |
| Number of borrowers reporting             | 633                      | .....                    | 622                      | .....                    | 617                      | .....                    |
| Average number of consumers served:       |                          |                          |                          |                          |                          |                          |
| Residential service (farm & non-farm) ... | 9,695,066                | 89.5                     | 9,741,640                | 89.4                     | 9,844,152                | 89.2                     |
| Commercial & industrial, small .....      | 974,722                  | 9.0                      | 991,129                  | 9.1                      | 1,026,816                | 9.3                      |
| Commercial & industrial, large .....      | 7,596                    | 0.1                      | 6,778                    | 0.1                      | 7,266                    | 0.1                      |
| Irrigation .....                          | 99,585                   | 0.9                      | 98,720                   | 0.9                      | 98,474                   | 0.9                      |
| Other electric service .....              | 52,878                   | 0.5                      | 57,267                   | 0.5                      | 56,048                   | 0.5                      |
| To others for resale .....                | 190                      | *                        | 201                      | *                        | 192                      | *                        |
| Total .....                               | 10,829,973               | 100.0                    | 10,895,735               | 100.0                    | 11,032,948               | 100.0                    |
| Megawatt-hour sales:                      |                          |                          |                          |                          |                          |                          |
| Residential service (farm & non-farm) ... | 127,208,955              | 57.0                     | 12,887,059               | 57.1                     | 135,265,931              | 57.5                     |
| Commercial & industrial, small .....      | 39,272,310               | 17.6                     | 40,103,548               | 17.8                     | 41,490,388               | 17.6                     |
| Commercial & industrial, large .....      | 48,560,956               | 21.8                     | 49,638,266               | 22.0                     | 50,526,583               | 21.5                     |
| Irrigation .....                          | 4,274,009                | 1.9                      | 3,785,621                | 1.7                      | 4,359,571                | 1.9                      |
| Other electric service .....              | 1,965,798                | 0.9                      | 1,994,123                | 0.9                      | 2,045,269                | 0.9                      |
| To others for resale .....                | 1,784,234                | 0.8                      | 1,467,556                | 0.6                      | 1,630,113                | 0.7                      |
| Total .....                               | 223,066,273              | 100.0                    | 225,876,145              | 100.0                    | 235,317,829              | 100.0                    |
|   | <i>1,000<br/>dollars</i> |                          | <i>1,000<br/>dollars</i> |                          | <i>1,000<br/>dollars</i> |                          |
| Revenue and patronage capital:            |                          |                          |                          |                          |                          |                          |
| Residential service (farm & non-farm) ... | 9,647,246                | 63.9                     | 10,013,976               | 64.0                     | 10,518,422               | 64.4                     |
| Commercial & industrial, small .....      | 2,764,267                | 18.3                     | 2,882,885                | 18.4                     | 2,989,355                | 18.3                     |
| Commercial & industrial, large .....      | 1,915,687                | 12.7                     | 2,026,623                | 12.9                     | 2,034,137                | 12.5                     |
| Irrigation .....                          | 273,626                  | 1.8                      | 257,430                  | 1.6                      | 291,768                  | 1.8                      |
| Other electric service .....              | 145,657                  | 1.0                      | 198,054                  | 1.3                      | 158,095                  | 1.0                      |
| To others for resale .....                | 85,421                   | 0.6                      | 69,015                   | 0.4                      | 69,969                   | 0.4                      |
| Total from sales of electric energy ..... | 14,831,904               | 98.2                     | 15,403,995               | 98.4                     | 16,061,746               | 98.3                     |
| Other operating revenue .....             | 269,311                  | 1.8                      | 254,173                  | 1.6                      | 270,571                  | 1.7                      |
| Total operating revenue .....             | 15,101,214               | 100.0                    | 15,658,168               | 100.0                    | 16,332,317               | 100.0                    |

\*Less than 0.05 percent.

Rural Development, Planning and Policy Branch, (202) 692-0341

**Table 10-18.—Rural Utilities Service: Annual revenues and expenses reported by electric borrowers, United States, 1993–2002**

| Year       | Operating revenue    | Operating expense    | Interest expense     | Depreciation and amortization expense | Net margins          | Total utility plant  |
|------------|----------------------|----------------------|----------------------|---------------------------------------|----------------------|----------------------|
|            | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i>                  | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| 1993 ..... | 24,872,684           | 19,907,666           | 2,667,343            | 1,767,525                             | 1,034,849            | 62,654,291           |
| 1994 ..... | 24,861,855           | 20,138,000           | 2,501,585            | 1,824,860                             | 807,741              | 64,391,203           |
| 1995 ..... | 24,609,188           | 21,741,162           | 2,171,170            | 1,779,568                             | 1,236,050            | 61,867,838           |
| 1996 ..... | 24,438,558           | 19,777,504           | 2,054,058            | 1,788,164                             | 1,328,237            | 61,443,968           |
| 1997 ..... | 23,321,068           | 18,987,613           | 1,908,451            | 1,726,982                             | 1,018,702            | 60,770,878           |
| 1998 ..... | 23,987,773           | 19,491,238           | 1,890,050            | 1,732,056                             | 1,274,324            | 61,720,967           |
| 1999 ..... | 23,823,791           | 19,536,422           | 1,832,553            | 1,746,681                             | 1,112,665            | 62,684,354           |
| 2000 ..... | 25,628,917           | 21,161,991           | 1,905,043            | 1,819,616                             | 1,164,076            | 66,353,227           |
| 2001 ..... | 26,458,243           | 21,867,226           | 1,909,833            | 1,895,495                             | 1,219,287            | 69,630,602           |
| 2002 ..... | 27,441,193           | 22,558,195           | 1,864,178            | 1,990,443                             | 1,388,444            | 72,419,914           |

RD, Planning and Policy Branch, (202) 692-0341.

**Table 10-19.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, and agricultural credit banks classified by type of loan, United States, Jan. 1, 1994–2003<sup>1</sup>**

| Year       | Operating capital loans | Facility loans       |
|------------|-------------------------|----------------------|
|            | <i>1,000 dollars</i>    | <i>1,000 dollars</i> |
| 1994 ..... | 7,393,147               | 6,143,719            |
| 1995 ..... | 7,003,776               | 8,200,439            |
| 1996 ..... | 9,119,835               | 9,128,364            |
| 1997 ..... | 7,332,313               | 10,657,055           |
| 1998 ..... | 6,358,665               | 11,684,548           |
| 1999 ..... | 6,227,194               | 10,911,590           |
| 2000 ..... | 6,196,401               | 11,602,316           |
| 2001 ..... | 7,293,142               | 11,348,179           |
| 2002 ..... | 7,660,584               | 11,311,516           |
| 2003 ..... | 8,907,313               | 12,317,966           |

<sup>1</sup> Includes Puerto Rico.

FCA, Office of Policy and Analysis, (703) 883-4073.

## CHAPTER XI

### STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation (CCC), cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

**Table 11-1.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1993–2002<sup>1</sup> (Inventory quantity)**

| Year       | Barley                 | Butter and butter oil | Cheese                | Corn                   | Cotton upland        | Sorghum grain          | Nonfat dry milk       | Oils and oilseeds |
|------------|------------------------|-----------------------|-----------------------|------------------------|----------------------|------------------------|-----------------------|-------------------|
|            | <i>Million bushels</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million bushels</i> | <i>1,000 bales</i>   | <i>Million bushels</i> | <i>Million pounds</i> |                   |
| 1993 ..... | 5                      | 564                   | ( <sup>3</sup> ) 0    | 54                     | ( <sup>6</sup> ) 146 | 3                      | 25                    | ( <sup>2</sup> )  |
| 1994 ..... | 5                      | 111                   | 0                     | 44                     | ( <sup>6</sup> ) 90  | 1                      | 44                    | ( <sup>2</sup> )  |
| 1995 ..... | 5                      | ( <sup>3</sup> ) 0    | 0                     | 42                     | ( <sup>8</sup> ) 0   | 1                      | 25                    | ( <sup>2</sup> )  |
| 1996 ..... | ( <sup>3</sup> ) 0     | 0                     | 0                     | 30                     | ( <sup>8</sup> ) 0   | 0                      | ( <sup>3</sup> ) 0    | 0                 |
| 1997 ..... | ( <sup>3</sup> ) 0     | 0                     | ( <sup>3</sup> ) 0    | 2                      | ( <sup>2</sup> ) 0   | ( <sup>2</sup> ) 0     | 30                    | ( <sup>2</sup> )  |
| 1998 ..... | 1                      | 0                     | 0                     | 15                     | ( <sup>8</sup> ) 1   | 1                      | 111                   | 0                 |
| 1999 ..... | 1                      | 0                     | 0                     | 26                     | ( <sup>8</sup> ) 1   | 1                      | 161                   | ( <sup>3</sup> )  |
| 2000 ..... | ( <sup>3</sup> ) 0     | 0                     | 0                     | 36                     | ( <sup>2</sup> ) 0   | ( <sup>3</sup> ) 0     | 602                   | ( <sup>2</sup> )  |
| 2001 ..... | ( <sup>3</sup> ) 0     | 0                     | 5                     | 24                     | ( <sup>2</sup> ) 0   | ( <sup>2</sup> ) 0     | 844                   | ( <sup>2</sup> )  |
| 2002 ..... | ( <sup>3</sup> ) 0     | 0                     | 4                     | 18                     | ( <sup>3</sup> ) 0   | 1                      | 1,201                 | 0                 |

  

| Year       | Oats                   | Rice <sup>4</sup>   | Rye                    | Soybeans               | Honey                 | Wheat                  | Value of all commodities owned <sup>5</sup> |
|------------|------------------------|---------------------|------------------------|------------------------|-----------------------|------------------------|---|
|            | <i>Million bushels</i> | <i>Million cwt.</i> | <i>Million bushels</i> | <i>Million bushels</i> | <i>Million pounds</i> | <i>Million bushels</i> | <i>Million dollars</i>                      |
| 1993 ..... | ( <sup>2</sup> ) 0     | ( <sup>2</sup> ) 0  | 0                      | ( <sup>3</sup> ) 0     | 4                     | 168                    | 833   |
| 1994 ..... | 0                      | ( <sup>2</sup> ) 0  | 0                      | ( <sup>3</sup> ) 0     | 13                    | 144                    | 715   |
| 1995 ..... | 0                      | ( <sup>2</sup> ) 0  | 0                      | ( <sup>2</sup> ) 0     | 1                     | 141                    | 654   |
| 1996 ..... | 0                      | 0                   | 0                      | 0                      | 0                     | 96                     | 435   |
| 1997 ..... | 0                      | 0                   | 0                      | 0                      | 0                     | 93                     | 364   |
| 1998 ..... | ( <sup>2</sup> ) 0     | 0                   | 0                      | 3                      | 0                     | 107                    | 363   |
| 1999 ..... | ( <sup>3</sup> ) 0     | ( <sup>3</sup> ) 0  | 0                      | 7                      | 0                     | 104                    | 347   |
| 2000 ..... | ( <sup>2</sup> ) 0     | ( <sup>2</sup> ) 0  | 0                      | 10                     | 0                     | 109                    | 790   |
| 2001 ..... | ( <sup>2</sup> ) 0     | ( <sup>3</sup> ) 0  | 0                      | 4                      | 0                     | 118                    | 844   |
| 2002 ..... | 0                      | 2                   | 0                      | 3                      | 0                     | 93                     | 656   |

<sup>1</sup> Commodities which were owned by CCC in some years but not shown in this table are as follows: blended foods, cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, mixed feed, linseed oil, evaporated milk, meat, tallow, egg mix-dry, foundation seeds, peanut products, and sugar. <sup>2</sup> Less than 50,000 units. <sup>3</sup> Less than 500,000 units. <sup>4</sup> Rough basis; includes milled rice in rough equivalent. <sup>5</sup> The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs, less reserve for losses on inventory. <sup>6</sup> Includes extra long staple, cotton. <sup>7</sup> Includes infant formula. <sup>8</sup> Less than 500 units.

FSA, Financial Management Division, (703) 305-1277.



**Table 11-2.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1996–2001 <sup>1</sup>**

| Commodity                      | Unit          | 1996             |                      | 1997             |                      |
|--------------------------------|---------------|------------------|----------------------|------------------|----------------------|
|                                |               | Quantity pledged | Face amount          | Quantity pledged | Face amount          |
|                                |               |                  | <i>1,000 dollars</i> |                  | <i>1,000 dollars</i> |
| Barley .....                   | 1,000 bushels | 28,836           | 41,110               | 32,894           | 49,108               |
| Corn .....                     | 1,000 bushels | 970,590          | 1,764,291            | 1,129,915        | 2,062,308            |
| Cotton .....                   | 1,000 bales   | 3,381            | 869,911              | 4,315            | 1,109,629            |
| Seed cotton upland .....       | 1,000 pounds  | 131,356          | 4,765                | 2,420            | 1,245                |
| Sugar Cane and Beet .....      | 1,000 pounds  | 1,837,547        | 383,460              | 1,593,076        | 344,775              |
| Flaxseed .....                 | 1,000 Cwt     | 21               | 190                  | 59               | 550                  |
| Oats .....                     | 1,000 bushels | 1,526            | 1,484                | 2,380            | 2,533                |
| Peanuts .....                  | 1,000 Pounds  | 322,668          | 34,856               | 418,969          | 41,182               |
| Rice .....                     | 1,000 cwt     | 68,920           | 447,790              | 67,614           | 427,602              |
| Sorghum grain .....            | 1,000 bushels | 20,383           | 36,106               | 17,487           | 30,346               |
| Soybeans .....                 | 1,000 bushels | 195,997          | 957,948              | 265,224          | 1,378,812            |
| Tobacco .....                  | 1,000 pounds  | 1,719            | 3,813                | 263,998          | 631,219              |
| Wheat .....                    | 1,000 bushels | 194,795          | 505,268              | 262,852          | 677,866              |
| Sunflower Seed .....           | 1,000 cwt     | 2,534            | 22,380               | 2,801            | 25,730               |
| Canola Seed .....              | 1,000 Cwt     | 96               | 902                  | 334              | 3,214                |
| Safflower Seed .....           | 1,000 Cwt     | 5                | 39                   | 10               | 69                   |
| Mustard Seed .....             | 1,000 Cwt     |                  |                      | 19               | 178                  |
| Sunflower Seed (non-oil) ..... | 1,000 Cwt     |                  |                      | 231              | 2,147                |

| Commodity                      | Unit          | 1998             |                      | 1999             |                      |
|--------------------------------|---------------|------------------|----------------------|------------------|----------------------|
|                                |               | Quantity pledged | Face amount          | Quantity pledged | Face amount          |
|                                |               |                  | <i>1,000 dollars</i> |                  | <i>1,000 dollars</i> |
| Barley .....                   | 1,000 bushels | 32,894           | 49,108               | 13,556           | 22,712               |
| Corn .....                     | 1,000 bushels | 1,129,915        | 2,062,308            | 1,420,878        | 2,590,443            |
| Cotton <sup>3</sup> .....      | 1,000 bales   | 4,315            | 1,109,629            | 9,109            | 2,339,291            |
| Seed cotton .....              | 1,000 pounds  | 2,420            | 1,245                | 1,553            | 1,033                |
| Sugar Cane and Beet .....      | 1,000 pounds  | 1,593,076        | 344,775              | (531,880)        | 830,856              |
| Flaxseed .....                 | 1,000 Cwt     | 59               | 550                  | 242              | 2,249                |
| Honey .....                    | 1,000 pounds  |                  |                      | (86,491)         | 12,386               |
| Oats .....                     | 1,000 bushels | 2,380            | 2,533                | 1,652            | 1,803                |
| Peanuts .....                  | 1,000 Pounds  | 418,969          | 41,182               | 471,028          | 128,283              |
| Rice .....                     | 1,000 cwt     | 67,614           | 427,602              | 110,806          | 711,875              |
| Sorghum grain .....            | 1,000 bushels | 17,487           | 30,346               | 17,193           | 29,794               |
| Soybeans .....                 | 1,000 bushels | 265,224          | 1,378,812            | 286,823          | 1,488,423            |
| Tobacco .....                  | 1,000 pounds  | 263,998          | 631,219              | 364,012          | 741,506              |
| Wheat .....                    | 1,000 bushels | 262,852          | 677,866              | 154,276          | 398,367              |
| Sunflower Seed .....           | 1,000 cwt     | 2,801            | 25,730               | 1,994            | 18,326               |
| Canola Seed .....              | 1,000 Cwt     | 334              | 3,214                | 206              | 1,998                |
| Safflower Seed .....           | 1,000 Cwt     | 10               | 69                   | 35               | 247                  |
| Mustard Seed .....             | 1,000 Cwt     | 19               | 178                  | 28               | 259                  |
| Sunflower Seed (non-oil) ..... | 1,000 Cwt     | 231              | 2,147                | 404              | 3,724                |
| Crambe Oilseed .....           | 1,000 Cwt     |                  |                      | 142              | 1,232                |
| Mohair .....                   | 1,000 Pounds  |                  |                      | 879              | 2,466                |

| Commodity                      | Unit          | 2000             |                      | 2001 <sup>2</sup> |                      |
|--------------------------------|---------------|------------------|----------------------|-------------------|----------------------|
|                                |               | Quantity pledged | Face amount          | Quantity pledged  | Face amount          |
|                                |               |                  | <i>1,000 dollars</i> |                   | <i>1,000 dollars</i> |
| Barley .....                   | 1,000 bushels | 16,024           | 25,648               | 10,589            | 17,249               |
| Corn .....                     | 1,000 bushels | 1,393,947        | 2,562,172            | 1,394,561         | 2,557,874            |
| Cotton <sup>3</sup> .....      | 1,000 bales   | 8,959            | 2,216,075            | 14,111            | 3,597,990            |
| Seed cotton .....              | 1,000 pounds  | 2,519            | 1,350                | 41,034            | 1,036                |
| Sugar Cane and Beet .....      | 1,000 pounds  | 3,472,531        | 735,558              | 3,400,115         | 721,535              |
| Flaxseed .....                 | 1,000 Cwt     | 197              | 1,820                | 60                | 562                  |
| Honey .....                    | 1,000 pounds  | 53,972           | 35,068               | 0                 | 0                    |
| Oats .....                     | 1,000 bushels | 1,696            | 1,892                | 1,731             | 2,032                |
| Peanuts .....                  | 1,000 Pounds  | 477,285          | 47,173               | 961,568           | 226,012              |
| Rice .....                     | 1,000 cwt     | 97,430           | 625,715              | 128,019           | 835,285              |
| Sorghum grain .....            | 1,000 bushels | 15,303           | 25,781               | 17,172            | 28,891               |
| Soybeans .....                 | 1,000 bushels | 312,916          | 1,627,897            | 311,706           | 1,625,176            |
| Tobacco .....                  | 1,000 pounds  | 51,801           | 109,246              | 41,071            | 80,676               |
| Wheat .....                    | 1,000 bushels | 181,133          | 468,418              | 196,698           | 507,727              |
| Sunflower Seed .....           | 1,000 cwt     | 2,385            | 21,836               | 1,539             | 14,078               |
| Canola Seed .....              | 1,000 Cwt     | 748              | 7,144                | 511               | 4,859                |
| Safflower Seed .....           | 1,000 Cwt     | 36               | 251                  | 4                 | 32                   |
| Mustard Seed .....             | 1,000 Cwt     | 23               | 208                  | 14                | 128                  |
| Sunflower Seed (non-oil) ..... | 1,000 Cwt     | 294              | 2,736                | 285               | 2,653                |
| Crambe Oilseed .....           | 1,000 Cwt     | 236              | 2,042                | 97                | 836                  |
| Mohair .....                   | 1,000 Pounds  | 4,128            | 7,465                | 0                 | 0                    |

<sup>1</sup>Includes loans made directly by Commodity Credit Corporation. <sup>2</sup>Loans through Sept. 30, 1996. <sup>3</sup>Includes extra long staple cotton and upland cotton.

**Table 11-3.—Commodity Credit Corporation: Loan transactions for fiscal year 2001, by commodities <sup>1</sup>**

| Commodity                               | Unit     | Loans out-standing Oct. 1, 2001 <sup>2</sup> | New loans made | Repay-ments   | Collateral acquired in settle-ment | Loans written off <sup>3</sup> | Loans outstanding Sept. 30, 2002 |                                       |
|---|----------|--|----------------|---------------|------------------------------------|--------------------------------|----------------------------------|---------------------------------------|
|   |          |  |                |               |                                    |                                | Value <sup>4</sup>               | Quantity collateral remaining pledged |
|   |          | 1,000 dollars                                | 1,000 dollars  | 1,000 dollars | 1,000 dollars                      | 1,000 dollars                  | 1,000 dollars                    | 1,000 units                           |
| <b>Basic commodities:</b>               |          |  |                |               |                                    |                                |                                  |                                       |
| Corn .....                              | Bushel   | 292,844                                      | 2,554,722      | 2,504,596     | 34,584                             | 103,450                        | 204,936                          | 108,775                               |
| Cotton .....                            | Bale ... | 192,244                                      | 3,628,976      | 3,354,040     | 61,763                             | 90,175                         | 315,242                          | 1,132                                 |
| Seed cotton .....                       | Pound    | 0  | 1,036          | 1,036         | 0                                  | 0                              | 0                                | 0                                     |
| Peanuts .....                           | Pound    | 20,269                                       | 205,528        | 76,784        | 102                                | 148,911                        | 0                                | 0                                     |
| Rice .....                              | Cwt .... | 195,918                                      | 861,559        | 636,324       | 14,921                             | 200,209                        | 206,023                          | 30,793                                |
| Tobacco <sup>4</sup> .....              | Pound    | 710,767                                      | 110,007        | 233,027       | (9,792)                            | 0                              | 597,539                          | 136,433                               |
| Wheat .....                             | Bushel   | 323,465                                      | 344,025        | 453,846       | 34,511                             | 4,681                          | 174,452                          | 63,504                                |
| Total .....                             |          | 1,735,507                                    | 7,705,853      | 7,259,653     | 136,089                            | 547,426                        | 1,498,192                        | XXXXX                                 |
| <b>Designated nonbasic commodities:</b> |          |  |                |               |                                    |                                |                                  |                                       |
| Barley .....                            | Bushel   | 9,957  | 18,868         | 16,361        | 522                                | 454                            | 11,488                           | 6,298                                 |
| Sorghum .....                           | Bushel   | 6,768  | 26,915         | 29,503        | 367                                | 323                            | 3,490                            | 1,907                                 |
| Honey .....                             | Pound    | 3,357  | (20)           | 2,614         | 15                                 | 703                            | 5                                | 9                                     |
| Oats .....                              | Bushel   | 1,362  | 2,250          | 1,970         | 15                                 | 25                             | 1,602                            | 1,228                                 |
| Sugar, beet .....                       | Pound    | 15,168                                       | 525,076        | 524,992       | 3,678                              | 0                              | 11,574                           | 48,710                                |
| Sugar, cane .....                       | Pound    | 37,127                                       | 201,723        | 231,356       | 0                                  | 0                              | 7,494                            | 42,240                                |
| Sunflower seed .....                    | Cwt .... | 635  | 14,057         | 12,303        | 196                                | 1,620                          | 573                              | 63                                    |
| Flaxseed .....                          | Cwt .... | 216  | 518            | 431           | 156                                | 54                             | 93                               | 11                                    |
| Canola seed .....                       | Cwt .... | 2,441  | 4,792          | 4,101         | 105                                | 580                            | 2,447                            | 257                                   |
| Safflower seed .....                    | Cwt .... | 24   | 41             | 56            | 0                                  | 0                              | 9                                | 1                                     |
| Rapeseed .....                          | Cwt .... | 0  | 0              | 0             | 0                                  | 0                              | 0                                | 0                                     |
| Mustard seed .....                      | Cwt .... | 76   | 127            | 140           | 0                                  | 0                              | 63                               | 6                                     |
| Crambe Oilseed .....                    | Cwt .... | 24   | 476            | 481           | 0                                  | 8                              | 11                               | 1                                     |
| Sunflower seed, non oil.                | Cwt .... | 316  | 2,653          | 1,953         | 290                                | 275                            | 451                              | 48                                    |
| Total .....                             |          | 77,471                                       | 797,476        | 826,261       | 5,344                              | 4,042                          | 39,300                           | XXXXX                                 |
| <b>Other nonbasic com-modities:</b>     |          |  |                |               |                                    |                                |                                  |                                       |
| Soybeans .....                          | Bushel   | 82,326                                       | 1,627,276      | 1,338,108     | 22,274                             | 286,659                        | 62,561                           | 12,136                                |
| Mohair .....                            | Pound    | 787  | 0              | 439           | 0                                  | 348                            | 0                                | 0                                     |
| Total .....                             |          | 83,113                                       | 1,627,276      | 1,338,547     | 22,274                             | 287,007                        | 62,561                           | XXXXX                                 |
| <b>Other loans:</b>                     |          |  |                |               |                                    |                                |                                  |                                       |
| Farm Storage facility <sup>5</sup> ...  |          | 93,960                                       | 66,468         | 16,022        | 0                                  |                                | 144,406                          | 0                                     |
| Bollweevil .....                        |          | 10,000                                       | 0              | 0             | 0                                  |                                | 10,000                           | 0                                     |
| Total .....                             |          | 103,960                                      | 66,468         | 16,022        | 0                                  | 0                              | 154,406                          | 0                                     |
| Grand total <sup>5</sup> .....          |          | 2,000,051                                    | 10,197,073     | 9,440,483     | 163,707                            | 838,475                        | 1,754,459                        | XXXXX                                 |

<sup>1</sup> Loans made directly by Commodity Credit Corporation. <sup>2</sup> Book value of outstanding loans; includes face amounts and any charges paid. <sup>3</sup> Includes transfers to accounts receivable. <sup>4</sup> Charge offs represents pre-No Net Cost Tobacco loans - 1981 and prior crop loans. <sup>5</sup> Table may not add due to rounding.

**Table 11-4.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 2002**

| Program and commodity                        | Unit         | Quantity               |           |                                |                    |                          |
|--|--------------|------------------------|-----------|--------------------------------|--------------------|--------------------------|
|  |              | Inventory Oct. 1, 2001 | Purchases | Collateral acquired from loans | Sales <sup>1</sup> | Inventory Sept. 30, 2002 |
|  |              | Thousands              | Thousands | Thousands                      | Thousands          | Thousands                |
| <b>Feed grains:</b>                          |              |                        |           |                                |                    |                          |
| Barley .....                                 | Bushel ..... | 280                    | 44        | 313                            | 627                | 11                       |
| Corn .....                                   | Bushel ..... | 22,368                 | 49,440    | 19,233                         | 72,916             | 18,125                   |
| Corn products .....                          | Pound .....  | 2,026                  | 321,617   | 0                              | 322,790            | 853                      |
| Grain sorghum .....                          | Bushel ..... | 93                     | 2,069     | 226                            | 2,087              | 301                      |
| Sorghum grits .....                          | Pound .....  | 0                      | 25,463    | 0                              | 25,463             | 0                        |
| Oats .....                                   | Bushel ..... | 20                     | 0         | 14                             | 34                 | 0                        |
| Oats, rolled .....                           | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Rye .....                                    | Bushel ..... | 0                      | 0         | 0                              | 0                  | 0                        |
| Total feed grains .....                      |              | xxx                    | xxx       | xxx                            | xxx                | xxx                      |
| <b>Wheat (A)</b>                             |              |                        |           |                                |                    |                          |
| Wheat flour .....                            | Bushel ..... | 118,115                | 81,478    | 13,525                         | 110,937            | 102,181                  |
| Wheat flour .....                            | Pound .....  | 27                     | 810,245   | 0                              | 766,571            | 43,700                   |
| Wheat products, other .....                  | Pound .....  | 600                    | 297,628   | 0                              | 294,729            | 3,499                    |
| Rice, milled .....                           | Cwt .....    | 0                      | 3,754     | 0                              | 3,539              | 215                      |
| Rice, rough .....                            | Cwt .....    | 32                     | 65,252    | 2,229                          | 66,731             | 782                      |
| Rice, brown .....                            | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Rice, cereal .....                           | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Cotton, extra long staple .....              | Bale .....   | 10                     | 0         | 50                             | 28                 | 33                       |
| Upland Cotton .....                          | Bale .....   | 21                     | 12,960    | 165                            | 13,039             | 108                      |
| Tobacco Products .....                       | Pound .....  | 224,950                | 0         | 0                              | 0                  | 33                       |
| <b>Dairy products:</b>                       |              |                        |           |                                |                    |                          |
| Butter .....                                 | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Butter oil .....                             | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Cheese .....                                 | Pound .....  | 5,426                  | 5,095     | 0                              | 7,149              | 3,371                    |
| Milk, dried .....                            | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Milk, UHT .....                              | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Dry Whole Milk .....                         | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Non fat dry milk .....                       | Pound .....  | 857,052                | 618,921   | 0                              | 121,234            | 1,354,739                |
| Total dairy products .....                   |              | xxx                    | xxx       | xxx                            | xxx                | xxx                      |
| <b>Oils and oilseeds:</b>                    |              |                        |           |                                |                    |                          |
| Crambe oilseed .....                         | Cwt. ....    | 0                      | 51        | 0                              | 51                 | 0                        |
| Canola seed .....                            | Cwt. ....    | 0                      | 4         | 10                             | 15                 | 0                        |
| Mustardseed .....                            | Cwt. ....    | 0                      | 0         | 0                              | 0                  | 0                        |
| Sunflower seed .....                         | Cwt. ....    | 1                      | 23        | 22                             | 46                 | (0)                      |
| Sunflower seed, non-oil .....                | Cwt. ....    | 0                      | 6         | 31                             | 36                 | 0                        |
| Sunflower seed oil, processed .....          | Cwt. ....    | 0                      | 34,769    | 0                              | 34,769             | 0                        |
| Peanuts, farmers' stock .....                | Pound .....  | 0                      | 0         | 468                            | 447                | 21                       |
| Peanut products .....                        | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Peanut butter .....                          | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Soybeans .....                               | Bushel ..... | 2,985                  | 19,808    | 4,291                          | 24,418             | 2,667                    |
| Soybean meal .....                           | Pound .....  | 0                      | 261,496   | 0                              | 261,496            | 0                        |
| Flaxseed .....                               | Cwt. ....    | 0                      | 0         | 16                             | 16                 | 0                        |
| Totals oils and oilseeds .....               |              | xxx                    | xxx       | xxx                            | xxx                | xxx                      |
| Blended foods .....                          | Pound .....  | 17,123                 | 628,179   | 0                              | 602,734            | 42,568                   |
| <b>Grains and seeds:</b>                     |              |                        |           |                                |                    |                          |
| Feed for Government facilities .....         | Cwt .....    | 0                      | 6         | 0                              | 6                  | 0                        |
| Foundation seeds .....                       | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Total grains and seeds .....                 |              | xxx                    | xxx       | xxx                            | xxx                | xxx                      |
| <b>Other commodities:</b>                    |              |                        |           |                                |                    |                          |
| Peas, dry whole .....                        | Pound .....  | 2,473                  | 266,479   | 0                              | 248,596            | 20,356                   |
| Honey .....                                  | Pound .....  | 0                      | 150       | 22                             | 173                | 0                        |
| Denatured alcohol .....                      | Gallon ..... | 0                      | 0         | 0                              | 0                  | 0                        |
| Sugar, cane and beet .....                   | Pound .....  | 1,504,893              | 0         | 16,660                         | 1,007,381          | 514,172                  |
| Vegetable oil products .....                 | Pound .....  | 6,548                  | 901,655   | 0                              | 887,736            | 20,466                   |
| Potatoes .....                               | Pound .....  | 0                      | 991       | 0                              | 991                | 0                        |
| Fruit fresh apples .....                     | Pound .....  | 0                      | 4,234     | 0                              | 4,234              | 0                        |
| Plants & Seeds .....                         | Pound .....  | 0                      | 0         | 0                              | 0                  | 0                        |
| Tallow .....                                 | Pound .....  | 0                      | 6,612     | 0                              | 6,612              | 0                        |
| Other (B) .....                              | Pound .....  | 0                      | 1,415     | 0                              | 955                | 460                      |
| Total inventory operations .....             |              | xxx                    | xxx       | xxx                            | xxx                | xxx                      |
| Additional Adjustment for lag activity ..... |              | 0                      | 0         | 0                              | 0                  | 0                        |

See footnotes at end of table.

**Table 11-4.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 2002—Continued**

| Program and commodity                        | Unit         | Value                  |                  |                                |                    |                          |
|--|--------------|------------------------|------------------|--------------------------------|--------------------|--------------------------|
|  |              | Inventory Oct. 1, 2001 | Purchases        | Collateral acquired from loans | Sales <sup>1</sup> | Inventory Sept. 30, 2002 |
|  |              | 1,000 dollars          | 1,000 dollars    | 1,000 dollars                  | 1,000 dollars      | 1,000 dollars            |
| <b>Feed grains:</b>                          |              |                        |                  |                                |                    |                          |
| Barley .....                                 | Bushel ..... | 490                    | 61               | 518                            | 1,049              | 20                       |
| Corn .....                                   | Bushel ..... | 44,526                 | 114,679          | 35,522                         | 161,628            | 33,099                   |
| Corn products .....                          | Pound .....  | 283                    | 36,769           | 0                              | 36,841             | 211                      |
| Grain sorghum .....                          | Bushel ..... | 180                    | 6,044            | 379                            | 6,039              | 565                      |
| Sorghum grits .....                          | Pound .....  | 0                      | 3,288            | 0                              | 3,288              | 0                        |
| Oats .....                                   | Bushel ..... | 23                     | 0                | 17                             | 40                 | 0                        |
| Oats, rolled .....                           | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Rye .....                                    | Bushel ..... | 0                      | 0                | 0                              | 0                  | 0                        |
| <b>Total feed grains .....</b>               |              | <b>45,503</b>          | <b>160,841</b>   | <b>36,436</b>                  | <b>208,885</b>     | <b>33,894</b>            |
| Wheat (A) .....                              | Bushel ..... | 403,640                | 295,504          | 34,517                         | 369,505            | 364,156                  |
| Wheat flour .....                            | Pound .....  | 3                      | 90,328           | 0                              | 84,802             | 5,529                    |
| Wheat products, other .....                  | Pound .....  | 58                     | 29,023           | 0                              | 28,724             | 357                      |
| Rice, milled .....                           | Cwt .....    | 0                      | 34,442           | 0                              | 31,897             | 2,545                    |
| Rice, rough .....                            | Cwt .....    | 193                    | 428,017          | 15,083                         | 437,951            | 5,341                    |
| Rice, brown .....                            | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Rice, cereal .....                           | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Cotton, extra long staple .....              | Bale .....   | 4,292                  | 0                | 21,554                         | 11,794             | 14,052                   |
| Upland Cotton .....                          | Bale .....   | 6,150                  | 3,206,810        | 44,931                         | 3,228,413          | 29,477                   |
| Tobacco products .....                       | Pound .....  | 609,014                | 0                | (9,792)                        | 0                  | 14,052                   |
| <b>Dairy products:</b>                       |              |                        |                  |                                |                    |                          |
| Butter .....                                 | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Butter oil .....                             | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Cheese .....                                 | Pound .....  | 6,463                  | 5,926            | 0                              | 8,482              | 3,908                    |
| Milk, dried .....                            | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Milk, UHT .....                              | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Dry Whole Milk .....                         | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Non fat dry milk .....                       | Pound .....  | 860,371                | 556,555          | 0                              | 140,674            | 1,276,252                |
| <b>Total dairy products .....</b>            |              | <b>866,834</b>         | <b>562,481</b>   | <b>0</b>                       | <b>149,156</b>     | <b>1,280,159</b>         |
| <b>Oils and oilseeds:</b>                    |              |                        |                  |                                |                    |                          |
| Crambe Oilseed .....                         | Cwt. ....    | 0                      | 445              | 0                              | 445                | 0                        |
| Canola seed .....                            | Cwt. ....    | 3                      | 41               | 99                             | 143                | (0)                      |
| Mustard seed .....                           | Cwt. ....    | 3                      | 0                | 0                              | 3                  | 0                        |
| Sunflower seed .....                         | Cwt. ....    | 10                     | 211              | 192                            | 412                | (0)                      |
| Sunflower seed, non-oil .....                | Cwt. ....    | 0                      | 49               | 290                            | 339                | 0                        |
| Sunflower seed oil, processed .....          | Cwt. ....    | 0                      | 12,494           | 0                              | 12,494             | 0                        |
| Peanuts, farmers' stock .....                | Pound .....  | 0                      | 0                | 102                            | 100                | 1                        |
| Peanut products .....                        | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Peanut butter .....                          | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Soybeans .....                               | Bushel ..... | 15,694                 | 106,251          | 22,580                         | 130,420            | 14,105                   |
| Soybean meal .....                           | Pound .....  | 0                      | 23,903           | 0                              | 23,903             | 0                        |
| Flaxseed .....                               | Cwt. ....    | 4                      | 0                | 153                            | 154                | 3                        |
| <b>Totals oils and oilseeds .....</b>        |              | <b>15,710</b>          | <b>143,393</b>   | <b>23,262</b>                  | <b>168,259</b>     | <b>14,106</b>            |
| Blended foods .....                          | Pound .....  | 2,250                  | 80,127           | 0                              | 76,523             | 5,854                    |
| <b>Grains and seeds:</b>                     |              |                        |                  |                                |                    |                          |
| Feed for Government facilities .....         | Cwt .....    | 0                      | 56               | 0                              | 56                 | 0                        |
| Foundation seeds .....                       | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| <b>Total grains and seeds .....</b>          |              | <b>0</b>               | <b>56</b>        | <b>0</b>                       | <b>56</b>          | <b>0</b>                 |
| Peas, dry whole .....                        | Pound .....  | 352                    | 38,923           | 0                              | 36,248             | 3,027                    |
| Honey .....                                  | Pound .....  | 0                      | 93               | 13                             | 106                | (0)                      |
| Denatured alcohol .....                      | Gallon ..... | 0                      | 0                | 0                              | 0                  | 0                        |
| Sugar, cane and beet .....                   | Pound .....  | 328,739                | 0                | 3,938                          | 231,263            | 101,414                  |
| Vegetable oil products .....                 | Pound .....  | 2,166                  | 216,165          | 0                              | 211,686            | 6,645                    |
| Potatoes .....                               | Pound .....  | 0                      | 425              | 0                              | 425                | 0                        |
| Fresh fruit apples .....                     | Pound .....  | 0                      | 1,206            | 0                              | 1,206              | 0                        |
| Plants & Seeds .....                         | Pound .....  | 0                      | 0                | 0                              | 0                  | 0                        |
| Tallow .....                                 | Pound .....  | 0                      | 1,032            | 0                              | 1,032              | 0                        |
| Other (B) .....                              | Pound .....  | 0                      | 41,700           | 0                              | 28,486             | 13,214                   |
| <b>Total inventory operations .....</b>      |              | <b>2,284,903</b>       | <b>5,330,566</b> | <b>169,941</b>                 | <b>5,306,417</b>   | <b>1,893,823</b>         |
| Additional Adjustment for lag activity ..... |              |                        |                  |                                |                    |                          |
|  |              | 2,284,903              | 5,330,566        | 169,941                        | 5,306,417          | 1,893,823                |

<sup>1</sup> Includes sales, commodity donations, transfers to other government agencies and inventory adjustment.

(A) Excludes wheat set aside for Food Security Wheat Reserve (FSWR).

(B) Includes beans, dry edible, and fish, canned salmon.

Table may not add due to rounding.

FSA, Financial Management Division, (703) 305-1277.

**Table 11-5.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 2002<sup>1</sup>**  
(In Thousands)

| Commodity                                  | Domestic             |  |                        |   |                      |
|--|----------------------|--|------------------------|---|----------------------|
|  | Dollar sales         | Transfers to other Government agencies | Donations <sup>1</sup> | Inventory adjustments and other recoveries (domestic) | Total domestic       |
|  | 1,000 dollars        | 1,000 dollars                          | 1,000 dollars          | 1,000 dollars   | 1,000 dollars        |
| Feed grains:                               |                      |  |                        |   |                      |
| Barley .....                               | 1,048,833            | 0                                      | 0                      | 0   | 1,048,833            |
| Corn .....                                 | 86,527,878           | 102,484                                | 0                      | 475   | 86,630,837           |
| Corn products .....                        | 0                    | 0                                      | 0                      | 102,521   | 102,521              |
| Grain sorghum .....                        | 1,374,064            | 0                                      | 0                      | 1,886   | 1,375,949            |
| Sorghum grits .....                        | 0                    | 0                                      | 0                      | 13,236  | 13,236               |
| Oats .....                                 | 40,243               | 0                                      | 0                      | 0   | 40,243               |
| Oats, rolled .....                         | 0                    | 0                                      | 0                      | 0   | 0                    |
| Wheat .....                                | 99,882,980           | 0                                      | 0                      | 5,558   | 99,888,538           |
| Wheat flour .....                          | 0                    | 0                                      | 0                      | 137,077   | 137,077              |
| Wheat products, other .....                | 0                    | 0                                      | 0                      | 50,580  | 50,580               |
| Rice, milled .....                         | 0                    | 0                                      | 0                      | 0   | 0                    |
| Rice, rough .....                          | 437,939,046          | 0                                      | 0                      | 0   | 437,939,046          |
| Rice, brown and textured soy .....         | 0                    | 0                                      | 0                      | 0   | 0                    |
| Cotton, extra long staple and upland ..... | 3,240,295,045        | 0                                      | 0                      | (88,305)  | 3,240,206,740        |
| Rye .....                                  | 0                    | 0                                      | 0                      | 0   | 0                    |
| Dairy products:                            |                      |  |                        |   |                      |
| Butter oil .....                           | 0                    | 0                                      | 0                      | 0   | 0                    |
| Butter .....                               | 0                    | 0                                      | 0                      | 0   | 0                    |
| Cheese .....                               | 6,425,628            | 1,350,329                              | 698,276                | 7,512   | 8,481,745            |
| Nonfat dry milk .....                      | 15,803,417           | 0                                      | 58,749,143             | 2,070,287   | 76,622,847           |
| Milk, dried .....                          | 0                    | 0                                      | 0                      | 0   | 0                    |
| Oils and oilseeds:                         |                      |  |                        |   |                      |
| Peanut products .....                      | 0                    | 0                                      | 0                      | 0   | 0                    |
| Peanut butter .....                        | 0                    | 0                                      | 0                      | 0   | 0                    |
| Peanuts, farmer's stock .....              | 100,449              | 0                                      | 0                      | 0   | 100,449              |
| Soya flour .....                           | 0                    | 0                                      | 0                      | 0   | 0                    |
| Flaxseed .....                             | 154,083              | 0                                      | 0                      | 0   | 154,083              |
| Sunflower Seed (oil & non-oil) .....       | 750,683              | 0                                      | 0                      | 4,357   | 755,040              |
| Soybeans .....                             | 91,381,632           | 0                                      | 0                      | 49,929  | 91,431,562           |
| Fruit fresh apples .....                   | 0                    | 0                                      | 0                      | 15,734  | 15,734               |
| Blended foods .....                        | 0                    | 0                                      | 0                      | 631,825   | 631,825              |
| Potatoes .....                             | 0                    | 0                                      | 0                      | 0   | 0                    |
| Grains and seeds:                          |                      |  |                        |   |                      |
| Feed for Government facilities .....       | 591,039              | 56,065                                 | 0                      | 0   | 647,104              |
| Foundation seeds .....                     | 0                    | 0                                      | 0                      | 0   | 0                    |
| Field Seeds .....                          | 0                    | 0                                      | 0                      | 0   | 0                    |
| Vegetable Seeds .....                      | 0                    | 0                                      | 0                      | 0   | 0                    |
| Peas, dried whole .....                    | 0                    | 0                                      | 0                      | 64,374  | 64,374               |
| Dry edible beans .....                     | 0                    | 0                                      | 0                      | 94,212  | 94,212               |
| Honey .....                                | 106,091              | 0                                      | 0                      | 0   | 106,091              |
| Sugar .....                                | 176,205,245          | 0                                      | 3,096,713              | 5,731,082   | 185,033,040          |
| Vegetable oil products .....               | 0                    | 0                                      | 0                      | 1,372,306   | 1,372,306            |
| Meat .....                                 | 0                    | 0                                      | 0                      | 0   | 0                    |
| Emergency Food Ration bars .....           | 0                    | 0                                      | 0                      | 0   | 0                    |
| Other .....                                | 0                    | 0                                      | 0                      | 133,567   | 133,567              |
| <b>Total<sup>2</sup> .....</b>             | <b>4,158,626,356</b> | <b>1,508,878</b>                       | <b>62,544,133</b>      | <b>10,398,213</b>                                     | <b>4,233,077,579</b> |

See footnotes at end of table.

**Table 11-5.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 2002 <sup>1</sup>—Continued**  
(In Thousands)

| Commodity                                  | Export                      |                        |                      | Total export and domestic |
|--|-----------------------------|------------------------|----------------------|---------------------------|
|  | Public law 480 Title II/III | Donations <sup>1</sup> | Total export         |                           |
|  | 1,000 dollars               | 1,000 dollars          | 1,000 dollars        | 1,000 dollars             |
| Feed Grains:..                             |                             |                        |                      |                           |
| Barley .....                               | 0                           | 0                      | 0                    | 1,048,833                 |
| Corn .....                                 | 43,773,757                  | 30,094,553             | 73,868,310           | 160,499,147               |
| Corn products .....                        | 11,901,904                  | 24,837,070             | 36,738,974           | 36,841,495                |
| Grain sorghum .....                        | 4,673,417                   | 0                      | 4,673,417            | 6,049,367                 |
| Sorghum grits .....                        | 3,274,555                   | 0                      | 3,274,555            | 3,287,791                 |
| Oats .....                                 | 0                           | 0                      | 0                    | 40,243                    |
| Oats, rolled .....                         | 0                           | 0                      | 0                    | 0                         |
| Wheat .....                                | 122,801,855                 | 174,804,878            | 297,606,733          | 397,495,271               |
| Wheat flour .....                          | 30,222,953                  | 54,441,697             | 84,664,650           | 84,801,728                |
| Wheat products, other .....                | 19,418,592                  | 9,262,542              | 28,681,134           | 28,731,713                |
| Rice, milled .....                         | 0                           | 0                      | 0                    | 0                         |
| Rice, rough .....                          | 0                           | 0                      | 0                    | 437,939,046               |
| Rice, brown and textured soy .....         | 0                           | 0                      | 0                    | 0                         |
| Cotton, extra long staple and upland ..... | 0                           | 0                      | 0                    | 3,240,206,740             |
| Rye .....                                  | 0                           | 0                      | 0                    | 0                         |
| Dairy products:                            |                             |                        |                      |                           |
| Butter oil .....                           | 0                           | 0                      | 0                    | 0                         |
| Butter .....                               | 0                           | 0                      | 0                    | 0                         |
| Cheese .....                               | 0                           | 0                      | 0                    | 8,481,745                 |
| Nonfat dry milk .....                      | 108,287                     | 72,254,004             | 72,362,291           | 148,985,138               |
| Milk, dried .....                          | 0                           | 0                      | 0                    | 0                         |
| Oils and oilseeds:                         |                             |                        |                      |                           |
| Peanut products .....                      | 0                           | 0                      | 0                    | 0                         |
| Peanut butter .....                        | 0                           | 0                      | 0                    | 0                         |
| Peanuts, farmer's stock .....              | 0                           | 0                      | 0                    | 100,449                   |
| Soya flour .....                           | 0                           | 0                      | 0                    | 0                         |
| Flaxseed .....                             | 0                           | 0                      | 0                    | 154,083                   |
| Sunflower Seed (oil & non-oil) .....       | 5,132,234                   | 7,357,466              | 12,489,700           | 13,244,740                |
| Soybeans .....                             | 7,977,197                   | 54,914,170             | 62,891,367           | 154,322,929               |
| Fruit fresh apples .....                   | 0                           | 1,189,894              | 1,189,894            | 1,205,627                 |
| Blended foods .....                        | 63,841,062                  | 31,296,631             | 95,137,693           | 95,769,517                |
| Potatoes .....                             | 0                           | 425,332                | 425,332              | 425,332                   |
| Grains and seeds:                          |                             |                        |                      |                           |
| Feed for Government facilities .....       | 0                           | 0                      | 0                    | 647,104                   |
| Foundation seeds .....                     | 0                           | 0                      | 0                    | 0                         |
| Field Seeds .....                          | 0                           | 0                      | 0                    | 0                         |
| Vegetable Seeds .....                      | 0                           | 0                      | 0                    | 0                         |
| Peas, dried whole .....                    | 34,299,899                  | 1,883,811              | 36,183,710           | 36,248,085                |
| Dry edible beans .....                     | 29,253,281                  | (861,553)              | 28,391,728           | 28,485,940                |
| Honey .....                                | 0                           | 0                      | 0                    | 106,091                   |
| Sugar .....                                | 0                           | 0                      | 0                    | 185,033,040               |
| Vegetable oil products .....               | 97,298,564                  | 113,015,189            | 210,313,752          | 211,686,058               |
| Meat .....                                 | 0                           | 1,031,654              | 1,031,654            | 1,031,654                 |
| Emergency food ration bars .....           | 0                           | 0                      | 0                    | 0                         |
| Other .....                                | 11,269,080                  | 20,494,399             | 31,763,479           | 31,897,046                |
| <b>Total<sup>2</sup></b> .....             | <b>485,246,636</b>          | <b>596,441,737</b>     | <b>1,081,688,373</b> | <b>5,314,765,952</b>      |

<sup>1</sup>Includes donations under section 202,407,416, Section 210, P.L. 85-540 and miscellaneous donations under various other authorizations. <sup>2</sup>Totals may not add due to rounding.  
FSA, Financial Management Division, (703) 305-1277.

**Table 11-6.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1993–2002 <sup>1</sup>**

| Date        | Inventory after revaluation | Loans after revaluation | Total investment       |
|-------------|-----------------------------|-------------------------|------------------------|
|             | <i>Million dollars</i>      | <i>Million dollars</i>  | <i>Million dollars</i> |
| 1993:       |                             |                         |                        |
| March ..... | 1,688.2                     | 5,800.0                 | 7,488.2                |
| June .....  | 1,606.1                     | 4,259.3                 | 5,865.4                |
| 1994:       |                             |                         |                        |
| March ..... | 1,281.3                     | 4,237.9                 | 5,519.2                |
| June .....  | 1,211.6                     | 3,022.8                 | 4,234.4                |
| 1995:       |                             |                         |                        |
| March ..... | 774.2                       | 7,556.6                 | 8,330.8                |
| June .....  | 705.1                       | 4,902.1                 | 5,607.2                |
| 1996:       |                             |                         |                        |
| March ..... | 649.6                       | 3,710.1                 | 4,359.7                |
| June .....  | 574.6                       | 2,172.4                 | 2,747.0                |
| 1997:       |                             |                         |                        |
| March ..... | 436.0                       | 3,753.0                 | 4,189.0                |
| June .....  | 406.0                       | 2,154.0                 | 2,560.0                |
| 1998:       |                             |                         |                        |
| March ..... | 386.1                       | 5,058.9                 | 5,445.0                |
| June .....  | 436.1                       | 3,376.7                 | 3,812.8                |
| 1999:       |                             |                         |                        |
| March ..... | 384.3                       | 6,231.0                 | 6,615.3                |
| June .....  | 480.7                       | 5,022.0                 | 5,502.7                |
| 2000:       |                             |                         |                        |
| March ..... | 500.8                       | 5,160.5                 | 5,661.3                |
| June .....  | 650.7                       | 4,545.3                 | 5,196.0                |
| 2001:       |                             |                         |                        |
| March ..... | 1,635.1                     | 5,627.9                 | 7,263.0                |
| June .....  | 2,299.0                     | 3,663.3                 | 5,962.3                |
| 2002:       |                             |                         |                        |
| March ..... | 875.6                       | 5,323.8                 | 6,199.4                |
| June .....  | 920.1                       | 2,723.7                 | 3,643.8                |

<sup>1</sup> Reflects total CCC loans and inventories.  
 FSA, Financial Management Division, (703) 305-1277.

**Table 11-7.—Farm Service Agency programs: Payments to producers, by program and commodity, United States, calendar years 1999–2002**

| Program and commodity                                  | 1999                 | 2000                 | 2001                 | 2002                 | 2003                 |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
|  | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| Production flexibility .....                           | 5,046,071            | 5,048,750            | 4,040,639            | 3,499,648            | (281,388)            |
| Agricultural Management Assist .....                   |                      |                      | 1,376                | 2,984                | 2,864                |
| Quality Losses .....                                   |                      |                      | 52,478               | 96,956               | 81                   |
| Supl Oilseed Payment Program .....                     |                      |                      | 422,392              | 209                  | (1)                  |
| WAMLAP III - Apportioned .....                         |                      |                      | 16,442               | 343                  | 5                    |
| Peanut Marketing Asst Pgm III .....                    |                      |                      | 53,911               | 14                   |                      |
| Supplemental Tobacco Loss .....                        |                      |                      | 128,259              | 71                   |                      |
| Wamlap II - Apportioned .....                          |                      |                      | 18,671               | 24                   | 9                    |
| AMLAP - Apportioned .....                              |                      |                      | 95,079               |                      |                      |
| Bioenergy .....  |                      |                      | 5,294                | 33,104               | 150,861              |
| Citrus Losses in California .....                      |                      |                      | 2,154                |                      |                      |
| Poultry Enteritis Syndrome .....                       |                      |                      | 1,788                |                      |                      |
| Acreage Grazing Payments .....                         |                      |                      | 6,245                | 481                  | 4,756                |
| Nursery Losses - Florida .....                         |                      |                      | 6,581                | 760                  |                      |
| AILFP -- Apportioned .....                             |                      |                      | 6,020                | 480                  |                      |
| Crop Disaster Program .....                            |                      |                      | 1,841,870            |                      | 2,332,277            |
| Cottonseed Payment Program .....                       |                      | 77,627               | 81,385               |                      | 49,835               |
| Sugar PIK Diversion .....                              |                      | 105,649              | 44,193               | 44,288               |                      |
| Wool and mohair .....                                  | (4)                  | 7,424                | 2,838                |                      |                      |
| Peanut Marketing Assistance .....                      |                      | 94,089               | 24,904               | 17                   |                      |
| Oilseed Program .....                                  |                      | 459,985              | 498,413              | 26                   | (13)                 |
| Loan deficiency <sup>1</sup> .....                     | 5,893,142            | 6,480,751            | 5,703,964            | 1,295,668            | 576,428              |
| Emergency feed/livestock assistance .....              | 269,510              | 189,028              | 427,071              |                      |                      |
| Lamb Meat Adjustment assistance .....                  |                      | 12,244               | 11,207               | 32,394               | 16,153               |
| Tobacco loss/disaster assistance .....                 |                      | 345,202              | 1,018                | 4,920                | (1)                  |
| Conservation reserve <sup>2</sup> .....                | 1,452,520            | 1,551,429            | 1,769,997            |                      |                      |
| Pasture Recovery Program .....                         |                      | 27,007               | 26,365               | 786                  | (15)                 |
| Agricultural conservation .....                        | 9,009                | 2,846                | 1,393                | 378                  | (22)                 |
| Emergency conservation .....                           | 40,394               | 60,627               | 31,183               | 38,869               | 32,067               |
| Environ. quality incentives program .....              | 93,274               | 95,516               | 97,079               | 58,458               | 331                  |
| American Indian livestock assist. pro .....            | 6,235                | 5,334                | 885                  |                      |                      |
| Options pilot program .....                            |                      | 43                   | (172)                |                      |                      |
| Potato diversion program .....                         |                      |                      | 11,327               |                      |                      |
| Market gains .....                                     | 884,649              | 1,127,283            | 707,909              | 458,230              | 197,943              |
| Noninsured assistance program (NAP) <sup>3</sup> ..... | 53,283               | 39,574               | 55,571               | 224,623              | 205,897              |
| Karnal bunt fungus .....                               | 1,200                | 1,373                | 2,727                | 3,613                | 2,983                |
| Marketing Loss Assistance .....                        | 5,464,805            | 5,462,333            | 4,644,030            |                      |                      |
| Dairy market loss assistance .....                     | 200,085              | 670,788              | 123,668              | 152                  |                      |
| Other <sup>4</sup> .....                               | 2,115,066            | 1,222,545            | 24,687               |                      |                      |
| Direct and counter cyclical prog .....                 |                      |                      |                      | 570,512              | 9,002,616            |
| Crp annual rental .....                                |                      |                      |                      | 1,552,851            | 1,587,169            |
| Milk income loss contract .....                        |                      |                      |                      | 336,903              | 877,229              |
| Livestock compensation program .....                   |                      |                      |                      | 836,063              | 272,521              |
| Peanut quota buyout program .....                      |                      |                      |                      | 982,927              | 237,640              |
| Crp incentives .....                                   |                      |                      |                      | 116,055              | 99,642               |
| Market access program .....                            |                      |                      |                      | 98,727               | 98,906               |
| Auto crp - cost shares .....                           |                      |                      |                      | 46,048               | 98,690               |
| NRCS environ qlty incentive .....                      |                      |                      |                      | 13,626               | 92,981               |
| Apple market loss assistance .....                     |                      |                      |                      | 74,325               | 92,334               |
| Auto environ qlty incentive pg .....                   |                      |                      |                      | 46,442               | 88,828               |
| Livestock emergency assistance .....                   |                      |                      |                      | (49)                 | 72,419               |
| Sugar cane payment program .....                       |                      |                      |                      |                      | 51,721               |
| Tobacco payment program .....                          |                      |                      |                      |                      | 51,122               |
| Sugar beet disaster program .....                      |                      |                      |                      |                      | 48,302               |
| ELS special provision program .....                    |                      |                      |                      |                      | 42,421               |
| Avian influenza indemnity prog .....                   |                      |                      |                      | 31,420               | 22,014               |
| Milk inc loss contr transitional .....                 |                      |                      |                      | 523,698              | 21,657               |
| Wetlands reserve .....                                 |                      |                      |                      | 17,893               | 19,626               |
| Hard white winter wheat .....                          |                      |                      |                      |                      | 3,535                |
| Soil/water conservation assist .....                   |                      |                      |                      | 4,721                | 2,315                |
| NM tebuthiuron application .....                       |                      |                      |                      |                      | 1,290                |
| Interest payments .....                                |                      |                      |                      | 1,630                | 1,128                |
| Emerging markets program .....                         |                      |                      |                      | 3,243                | 754                  |
| Crop disaster program .....                            |                      |                      |                      | 28,854               | 735                  |
| Grants for catfish producers .....                     |                      |                      |                      |                      | 613                  |
| Dairy indemnity .....                                  |                      |                      |                      | 90                   | 494                  |
| Auto Ita-conservation long term .....                  |                      |                      |                      | 329                  | 226                  |
| Auto ag cons pg environ long term .....                |                      |                      |                      | 251                  | 165                  |
| Dairy options pilot program .....                      |                      |                      |                      | 1,123                | 75                   |
| Dairy market loss assistance .....                     |                      |                      |                      |                      | 32                   |
| 2000 Florida nursery losses .....                      |                      |                      |                      |                      | 29                   |
| Wool & mohair market loss asst .....                   |                      |                      |                      | (9)                  | 18                   |
| Apple & potato quality loss .....                      |                      |                      |                      | 35,554               | 15                   |

See footnotes at end of table.



**Table 11-7.—Farm Service Agency programs: Payments to producers, by program and commodity, United States, calendar years 1999–2003—Continued**

| Program and commodity                    | 1999                 | 2000                 | 2001                 | 2002                 | 2003                 |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
|  | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| Cattle feed program .....                |                      |                      |                      | 133,414              | 8                    |
| Grasslands reserve program .....         |                      |                      |                      |                      | 7                    |
| Nap-supplemental appropriations .....    |                      |                      |                      |                      | 6                    |
| Livestock indemnity program .....        |                      |                      |                      | 302                  | 2                    |
| Additional interest .....                |                      |                      |                      | 38                   | 1                    |
| Auto ana-conservation annual .....       |                      |                      |                      | 1                    | 1                    |
| Milk marketing fee .....                 |                      |                      |                      |                      | (2)                  |
| Finality rule .....                      |                      |                      |                      | (2)                  | (3)                  |
| Ldp, non-contract pfc growers .....      |                      |                      |                      | 17                   | (4)                  |
| Rice deficiency .....                    |                      |                      |                      |                      | (8)                  |
| Tri valley growers program .....         |                      |                      |                      | (162)                | (62)                 |
| Wheat deficiency .....                   |                      |                      |                      | (117)                | (89)                 |
| National wool act .....                  |                      |                      |                      |                      | (100)                |
| Crop loss disaster assistance .....      |                      |                      |                      |                      | (120)                |
| Cotton deficiency .....                  |                      |                      |                      | (125)                | (131)                |
| Payment limitation refund .....          |                      |                      |                      | (334)                | (174)                |
| Feed grain deficiency .....              |                      |                      |                      | (229)                | (179)                |
| Disaster .....                           |                      |                      |                      | (15)                 | (244)                |
| Crp cost-shares .....                    |                      |                      |                      | 92,430               | (1,067)              |
| Marketing loss assistance .....          |                      |                      |                      | 1,452                | (1,111)              |
| Market loss onion producer program ..... |                      |                      |                      | 10,000               |                      |
| Idaho oust program .....                 |                      |                      |                      | 4,889                |                      |
| Disaster reserve assistance .....        |                      |                      |                      | 2,873                |                      |
| Crop loss disaster assistance .....      |                      |                      |                      | 63                   |                      |
| Pasture flood compensation .....         |                      |                      |                      | 1                    |                      |
| Klamath Basin water program .....        |                      |                      |                      | (4)                  |                      |
| Small hog operation program .....        |                      |                      |                      | (5)                  |                      |
| National wool act .....                  |                      |                      |                      | (16)                 |                      |
| <b>Grand Total .....</b>                 | <b>21,529,239</b>    | <b>23,087,447</b>    | <b>20,990,842</b>    | <b>11,365,194</b>    | <b>16,177,044</b>    |

<sup>1</sup> Includes Crop Special Grade Rice LDP, Rice Deficiency, Cotton Deficiency, Feed Grain Deficiency, Wheat Deficiency, Loan Deficiency, and LDP - Non-Contract. <sup>2</sup> Includes CRP Cost-Shares, CRP Incentives, and CRP Annual Rent. <sup>3</sup> Includes Nap-Supplemental and Noninsured Assistance Program. <sup>4</sup> Includes Wetlands Reserve Program, Soil and Water Conservation Program, Settlement Payments, Dairy Indemnity Program, Disaster and Disaster Reserve Refunds, Dairy Disaster Refunds, Small Hog Operation Program, Crop Loss Disaster Payments, Interest Payments, LIP Contract Growers, Flood Compensation, National Wool Act, Finality Rule, and Payment limitation refund.

**Table 11-8.—Farm Service Agency programs: Payments received, by States, 2001–2003**

| State                    | Payments   |            |            |
|--------------------------|------------|------------|------------|
|                          | 2001       | 2002       | 2003       |
| AL .....                 | 230,126    | 263,127    | 219,214    |
| AK .....                 | 2,173      | 1,762      | 1,830      |
| AZ .....                 | 99,254     | 70,241     | 135,261    |
| AR .....                 | 832,135    | 450,038    | 819,994    |
| CA .....                 | 586,699    | 461,041    | 645,272    |
| CO .....                 | 319,271    | 210,367    | 316,893    |
| CT .....                 | 7,540      | 4,940      | 7,237      |
| DE .....                 | 24,963     | 11,944     | 17,096     |
| FL .....                 | 107,311    | 82,651     | 109,824    |
| GA .....                 | 426,534    | 656,717    | 549,155    |
| HI .....                 | 3,860      | 1,911      | 1,294      |
| ID .....                 | 207,636    | 165,391    | 151,620    |
| IL .....                 | 1,849,734  | 614,734    | 854,099    |
| IN .....                 | 925,249    | 334,330    | 438,053    |
| IA .....                 | 1,971,615  | 739,864    | 1,045,632  |
| KS .....                 | 1,068,601  | 456,622    | 807,415    |
| KY .....                 | 293,367    | 138,254    | 145,219    |
| LA .....                 | 434,012    | 253,108    | 422,076    |
| ME .....                 | 7,794      | 13,740     | 11,494     |
| MD .....                 | 86,543     | 48,848     | 66,299     |
| MA .....                 | 10,129     | 6,064      | 11,439     |
| MI .....                 | 352,730    | 190,536    | 251,608    |
| MN .....                 | 1,242,073  | 466,801    | 781,677    |
| MS .....                 | 516,314    | 251,315    | 470,694    |
| MO .....                 | 817,027    | 398,355    | 506,049    |
| MT .....                 | 475,972    | 261,998    | 353,350    |
| NE .....                 | 1,297,564  | 537,903    | 722,620    |
| NV .....                 | 5,860      | 11,288     | 11,953     |
| NH .....                 | 2,774      | 3,642      | 4,762      |
| NJ .....                 | 16,399     | 6,446      | 12,041     |
| NM .....                 | 93,560     | 73,726     | 92,390     |
| NY .....                 | 114,009    | 159,105    | 160,276    |
| NC .....                 | 330,312    | 277,739    | 357,543    |
| ND .....                 | 944,546    | 383,452    | 651,484    |
| OH .....                 | 681,519    | 280,826    | 395,322    |
| OK .....                 | 391,712    | 317,124    | 355,332    |
| OR .....                 | 104,725    | 80,081     | 106,595    |
| PA .....                 | 103,435    | 129,275    | 182,426    |
| RI .....                 | 292        | 651        | 611        |
| SC .....                 | 129,742    | 65,264     | 126,461    |
| SD .....                 | 714,936    | 333,439    | 547,920    |
| TN .....                 | 247,454    | 108,144    | 175,199    |
| TX .....                 | 1,702,477  | 998,215    | 1,661,141  |
| UT .....                 | 39,689     | 54,278     | 55,479     |
| VT .....                 | 7,863      | 36,294     | 28,479     |
| VA .....                 | 116,801    | 181,891    | 175,585    |
| WA .....                 | 298,547    | 215,689    | 263,950    |
| WV .....                 | 9,807      | 5,640      | 12,962     |
| WI .....                 | 414,981    | 332,068    | 475,696    |
| WY .....                 | 50,171     | 65,792     | 51,042     |
| CM .....                 | .....      | (44)       | (491)      |
| KCCO .....               | .....      | 34,228     | 296,233    |
| PR .....                 | 10,160     | 6,320      | 12,777     |
| VI .....                 | 97         | 28         | 143        |
| GU .....                 | 0          | 21         | 268        |
| MI .....                 | 3          | 2          | 26         |
| Undistributed ..         | 262,745    | 111,969    | 101,027    |
| Total <sup>1</sup> ..... | 20,990,842 | 11,365,194 | 16,177,044 |

<sup>1</sup> Total may not add due to rounding.

FSA, Budget, Corporate Programs Branch, (202) 720-5148.

**Table 11-9.—Commodity Credit Corporation: Loans made in fiscal year 2002 for crop year 2001, by States and Territories <sup>1</sup>**

| State or Territory             | Barley               | Corn                 | Cotton               | Flaxseed             | Honey                | Oats                 | Oilseeds             | Peanuts              |
|--------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| Alabama .....                  | 0                    | 379                  | 0                    | 1,970                | 104,086              | 0                    | 0                    | 3                    |
| Alaska .....                   | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    |
| Arizona .....                  | 0                    | 0                    | 0                    | 3,249                | 2,513                | 0                    | 0                    | 24                   |
| Arkansas .....                 | 0                    | 0                    | 0                    | 5,450                | 223,523              | 0                    | 0                    | 0                    |
| California .....               | 0                    | 0                    | 0                    | 1,690                | 703,764              | 0                    | 0                    | 0                    |
| Colorado .....                 | 1,031                | 0                    | 184                  | 21,385               | 0                    | 0                    | 0                    | 18                   |
| Connecticut .....              | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    |
| Delaware .....                 | 0                    | 0                    | 170                  | 1,939                | 0                    | 0                    | 0                    | 0                    |
| Florida .....                  | 0                    | 615                  | 0                    | 19                   | 6,557                | 0                    | 0                    | 0                    |
| Georgia .....                  | 0                    | 552                  | 0                    | 5,116                | 69,971               | 0                    | 0                    | 31                   |
| Hawaii .....                   | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    |
| Idaho .....                    | 51                   | 0                    | 5,829                | 5                    | 0                    | 0                    | 0                    | 0                    |
| Illinois .....                 | 97                   | 0                    | 15                   | 272,701              | 0                    | 0                    | 0                    | 26                   |
| Indiana .....                  | 0                    | 0                    | 0                    | 190,588              | 0                    | 0                    | 0                    | 0                    |
| Iowa .....                     | 0                    | 0                    | 25                   | 663,976              | 0                    | 0                    | 0                    | 234                  |
| Kansas .....                   | 393                  | 0                    | 7                    | 40,566               | 0                    | 0                    | 0                    | 0                    |
| Kentucky .....                 | 0                    | 0                    | 17                   | 19,928               | 0                    | 0                    | 0                    | 6                    |
| Louisiana .....                | 0                    | 0                    | 0                    | 4,538                | 116,420              | 0                    | 0                    | 0                    |
| Maine .....                    | 0                    | 0                    | 87                   | 0                    | 0                    | 0                    | 0                    | 270                  |
| Maryland .....                 | 0                    | 0                    | 197                  | 7,336                | 0                    | 0                    | 0                    | 0                    |
| Massachusetts .....            | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    |
| Michigan .....                 | 53                   | 0                    | 0                    | 48,267               | 0                    | 0                    | (20)                 | 43                   |
| Minnesota .....                | 877                  | 0                    | 1,185                | 444,672              | 0                    | 56                   | 0                    | 296                  |
| Mississippi .....              | 0                    | 0                    | 0                    | 8,004                | 1,150,473            | 0                    | 0                    | 0                    |
| Missouri .....                 | 0                    | 0                    | 4                    | 57,771               | 49,900               | 0                    | 0                    | 4                    |
| Montana .....                  | 154                  | 0                    | 1,062                | 0                    | 0                    | 2                    | 0                    | 43                   |
| Nebraska .....                 | 380                  | 0                    | 0                    | 326,241              | 0                    | 0                    | 0                    | 48                   |
| Nevada .....                   | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    |
| New Hampshire .....            | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    |
| New Jersey .....               | 0                    | 0                    | 0                    | 1,514                | 0                    | 0                    | 0                    | 27                   |
| New Mexico .....               | 0                    | 435                  | 0                    | 1,401                | 2,526                | 0                    | 0                    | 0                    |
| New York .....                 | 0                    | 0                    | 100                  | 19,027               | 0                    | 0                    | 0                    | 174                  |
| North Carolina .....           | 0                    | 4                    | 46                   | 13,184               | 209,673              | 0                    | 0                    | 5                    |
| North Dakota .....             | 6,890                | 0                    | 6,586                | 22,195               | 0                    | 352                  | 0                    | 252                  |
| Ohio .....                     | 23                   | 0                    | 2                    | 81,461               | 0                    | 0                    | 0                    | 9                    |
| Oklahoma .....                 | 0                    | 0                    | 0                    | 1,584                | 930                  | 0                    | 0                    | 0                    |
| Oregon .....                   | 0                    | 0                    | 375                  | 0                    | 0                    | 0                    | 0                    | 0                    |
| Pennsylvania .....             | 0                    | 0                    | 26                   | 9,476                | 0                    | 0                    | 0                    | 160                  |
| Rhode Island .....             | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    |
| South Carolina .....           | 0                    | 0                    | 18                   | 8,575                | 22,372               | 0                    | 0                    | 12                   |
| South Dakota .....             | 12,057               | 0                    | 347                  | 139,909              | 0                    | 107                  | 0                    | 435                  |
| Tennessee .....                | 0                    | 0                    | 0                    | 10,770               | 233,254              | 0                    | 0                    | 0                    |
| Texas .....                    | 47                   | 105                  | 0                    | 37,894               | 725,051              | 0                    | 0                    | 45                   |
| Utah .....                     | 10                   | 0                    | 76                   | 51                   | 0                    | 0                    | 0                    | 1                    |
| Vermont .....                  | 0                    | 0                    | 0                    | 29                   | 0                    | 0                    | 0                    | 0                    |
| Virginia .....                 | 0                    | 1,518                | 490                  | 8,505                | 7,695                | 0                    | 0                    | 0                    |
| Washington .....               | 59                   | 0                    | 1,984                | 467                  | 0                    | 0                    | 0                    | 11                   |
| West Virginia .....            | 2                    | 0                    | 5                    | 941                  | 0                    | 0                    | 0                    | 0                    |
| Wisconsin .....                | 10                   | 0                    | 30                   | 71,980               | 0                    | 0                    | 0                    | 69                   |
| Wyoming .....                  | 13                   | 0                    | 3                    | 351                  | 0                    | 0                    | 0                    | 5                    |
| Adjustments .....              | 0                    | 0                    | 0                    | 0                    | 269                  | 0                    | 0                    | 0                    |
| Peanut Associa-<br>tions ..... | 0                    | 201,919              | 0                    | 0                    | 0                    | 0                    | 0                    | 0                    |
| Total .....                    | 22,147               | 205,527              | 18,870               | 2,554,725            | 3,628,977            | 517                  | (20)                 | 2,251                |

See footnotes at end of table.

**Table 11-9.—Commodity Credit Corporation: Loans made in fiscal year 2002 for crop year 2001, by States and Territories <sup>1</sup>—Continued**

| State or Territory             | Rice           | Seed Cotton   | Sorghum       | Soybeans         | Sugar          | Tobacco        | Wheat          | Mohair        | Total             |
|--------------------------------|----------------|---------------|---------------|------------------|----------------|----------------|----------------|---------------|-------------------|
|                                | 1,000 dollars  | 1,000 dollars | 1,000 dollars | 1,000 dollars    | 1,000 dollars  | 1,000 dollars  | 1,000 dollars  | 1,000 dollars | 1,000 dollars     |
| Alabama .....                  | 0              | 0             | 11            | 470              | 0              | 0              | 50             | 0             | 106,969           |
| Alaska .....                   | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 0                 |
| Arizona .....                  | 0              | 0             | 0             | 0                | 0              | 0              | 1,535          | 0             | 7,321             |
| Arkansas .....                 | 571,728        | 0             | 209           | 46,666           | 0              | 0              | 8,293          | 0             | 855,869           |
| California .....               | 154,310        | 311           | 0             | 0                | 0              | 0              | 2,486          | 0             | 862,561           |
| Colorado .....                 | 0              | 0             | 1,130         | 580              | 108,935        | 0              | 6,841          | 0             | 140,104           |
| Connecticut .....              | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 0                 |
| Delaware .....                 | 0              | 0             | 0             | 1,930            | 0              | 0              | 0              | 0             | 4,039             |
| Florida .....                  | 0              | 10            | 0             | 0                | 122,453        | 0              | 16             | 0             | 129,670           |
| Georgia .....                  | 0              | 348           | 12            | 525              | 0              | 0              | 355            | 0             | 76,910            |
| Hawaii .....                   | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 0                 |
| Idaho .....                    | 0              | 0             | 0             | 0                | 0              | 0              | 25,531         | 0             | 31,416            |
| Illinois .....                 | 0              | 0             | 209           | 170,363          | 0              | 0              | 1,931          | 0             | 445,342           |
| Indiana .....                  | 0              | 0             | 215           | 154,484          | 0              | 0              | 1,143          | 0             | 346,430           |
| Iowa .....                     | 0              | 0             | 5             | 416,412          | 0              | 0              | 286            | 0             | 1,080,938         |
| Kansas .....                   | 0              | 0             | 11,552        | 26,086           | 0              | 0              | 24,413         | 0             | 103,017           |
| Kentucky .....                 | 92             | 0             | 60            | 12,288           | 0              | 29,969         | 1,923          | 0             | 64,283            |
| Louisiana .....                | 31,345         | 0             | 0             | 845              | 71,689         | 0              | 37             | 0             | 224,874           |
| Maine .....                    | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 357               |
| Maryland .....                 | 0              | 0             | 0             | 4,748            | 0              | 0              | 406            | 0             | 12,687            |
| Massachusetts .....            | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 0                 |
| Michigan .....                 | 0              | 0             | 3             | 26,733           | 102,532        | 0              | 1,131          | 0             | 178,742           |
| Minnesota .....                | 0              | 0             | 4             | 279,639          | 55,762         | 0              | 26,573         | 0             | 809,064           |
| Mississippi .....              | 58,489         | 0             | 51            | 5,851            | 0              | 0              | 48             | 0             | 1,222,916         |
| Missouri .....                 | 14,555         | 0             | 1,334         | 75,866           | 0              | 0              | 2,165          | 0             | 201,599           |
| Montana .....                  | 0              | 0             | 0             | 6                | 0              | 0              | 35,958         | 0             | 37,225            |
| Nebraska .....                 | 0              | 0             | 4,188         | 111,707          | 0              | 0              | 5,312          | 0             | 447,876           |
| Nevada .....                   | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 0                 |
| New Hampshire .....            | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 0                 |
| New Jersey .....               | 0              | 0             | 0             | 960              | 0              | 0              | 94             | 0             | 2,595             |
| New Mexico .....               | 0              | 0             | 320           | 0                | 0              | 0              | 1,573          | 0             | 6,255             |
| New York .....                 | 0              | 0             | 0             | 5,523            | 0              | 0              | 3,475          | 0             | 28,299            |
| North Carolina .....           | 0              | 0             | 24            | 17,935           | 0              | 60,406         | 1,058          | 0             | 302,335           |
| North Dakota .....             | 0              | 0             | 0             | 26,591           | 6,840          | 0              | 92,122         | 0             | 161,828           |
| Ohio .....                     | 0              | 0             | 0             | 87,442           | 0              | 0              | 1,253          | 0             | 170,190           |
| Oklahoma .....                 | 27             | 0             | 634           | 330              | 0              | 0              | 15,963         | 0             | 19,468            |
| Oregon .....                   | 0              | 0             | 0             | 0                | 0              | 0              | 6,251          | 0             | 6,626             |
| Pennsylvania .....             | 0              | 0             | 44            | 5,006            | 0              | 0              | 628            | 0             | 15,340            |
| Rhode Island .....             | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 0                 |
| South Carolina .....           | 0              | 0             | 35            | 4,140            | 0              | 0              | 1,700          | 0             | 36,852            |
| South Dakota .....             | 0              | 0             | 1,360         | 106,102          | 0              | 0              | 18,574         | 0             | 278,891           |
| Tennessee .....                | 395            | 0             | 125           | 7,297            | 0              | 18,564         | 837            | 0             | 271,242           |
| Texas .....                    | 30,618         | 0             | 5,372         | 781              | 41,849         | 0              | 11,853         | 0             | 853,615           |
| Utah .....                     | 0              | 0             | 0             | 0                | 207,162        | 0              | 1,654          | 0             | 208,954           |
| Vermont .....                  | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 29                |
| Virginia .....                 | 0              | 366           | 15            | 9,804            | 0              | 1,024          | 1,816          | 0             | 31,233            |
| Washington .....               | 0              | 0             | 0             | 0                | 0              | 0              | 37,863         | 0             | 40,384            |
| West Virginia .....            | 0              | 0             | 1             | 544              | 0              | 0              | 82             | 0             | 1,575             |
| Wisconsin .....                | 0              | 0             | 0             | 19,622           | 0              | 43             | 591            | 0             | 92,345            |
| Wyoming .....                  | 0              | 0             | 0             | 0                | 9,576          | 0              | 207            | 0             | 10,155            |
| Adjustments .....              | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 269               |
| Peanut Associa-<br>tions ..... | 0              | 0             | 0             | 0                | 0              | 0              | 0              | 0             | 201,919           |
| <b>Total .....</b>             | <b>861,559</b> | <b>1,035</b>  | <b>26,913</b> | <b>1,627,276</b> | <b>726,798</b> | <b>110,006</b> | <b>344,027</b> | <b>0</b>      | <b>10,130,608</b> |

<sup>1</sup> Loans made directly by Commodity Credit Corporation. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

FSA, Financial Management Division, (703) 305-1277.

**Table 11-10.—Fruit, vegetable, and tree nut marketing agreement and order and peanut programs, 2002–2003**

| Program   | Estimated number of commercial producers | Farm value           |
|---|--|----------------------|
|   | <i>Number</i>                            | <i>1,000 dollars</i> |
| Citrus fruits (2002-03 season):                             |  |                      |
| Florida oranges, grapefruit, tangerines, and tangelos ..... | 10,000                                   | 265,733              |
| Texas oranges and grapefruit .....                          | 214                                      | 22,988               |
| Deciduous fruits (2002 season):                             |  |                      |
| California fresh pears and peaches <sup>1</sup> .....       | 1,800                                    | 134,771              |
| California nectarines .....                                 | 1,800                                    | 114,517              |
| California olives .....                                     | 1,200                                    | 60,475               |
| California desert grapes .....                              | 50                                       | 112,723              |
| California kiwifruit .....                                  | 300                                      | 18,097               |
| Florida avocados .....                                      | 203                                      | 17,236               |
| Washington apricots .....                                   | 272                                      | 5,509                |
| Washington sweet cherries .....                             | 1,800                                    | 131,340              |
| Washington, Oregon, and California winter pears .....       | 1,800                                    | 120,729              |
| Tart cherries (7 States) <sup>2</sup> .....                 | 900                                      | 27,203               |
| Washington and Oregon Bartlett pears .....                  | 1,500                                    | 34,840               |
| Washington and Oregon fresh prunes <sup>3</sup> .....       | 215                                      | 3,106                |
| Cranberries (10 States) <sup>4</sup> .....                  | 1,200                                    | 185,074              |
| Dried fruits (2002 season):                                 |  |                      |
| California dates .....                                      | 100                                      | 37,510               |
| California dried prunes .....                               | 1,205                                    | 131,220              |
| California raisins .....                                    | 4,500                                    | 187,095              |
| Vegetables (2002-03 season):                                |  |                      |
| Florida tomatoes .....                                      | 100                                      | 488,833              |
| Idaho and Eastern Oregon onions .....                       | 250                                      | 93,807               |
| South Texas melons .....                                    | 29                                       | 95,231               |
| South Texas onions .....                                    | 78                                       | 101,115              |
| Georgia onions (Vidalia) .....                              | 130                                      | 44,299               |
| Walla Walla onions .....                                    | 35                                       | 7,313                |
| Potatoes (2002-03 season):                                  |  |                      |
| Colorado .....  | 242                                      | 196,608              |
| Idaho and Eastern Oregon .....                              | 900                                      | 314,189              |
| Oregon and Northern California .....                        | 213                                      | 31,862               |
| Southeastern States (Virginia-North Carolina) .....         | 200                                      | 10,467               |
| Washington .....  | 322                                      | 93,795               |
| Nuts (2002 season):   |  |                      |
| California almonds .....                                    | 6,000                                    | 1,189,870            |
| California walnuts .....                                    | 5,800                                    | 304,560              |
| Oregon and Washington hazelnuts .....                       | 750                                      | 19,500               |
| Peanuts <sup>5</sup> .....                                  | 23,000                                   | 594,426              |
| Spearmint oil (2002 season) <sup>6</sup> .....              | 184                                      | 15,086               |
| (Total 36 programs) <sup>7</sup> .....                      |  | 5,211,127            |

<sup>1</sup> Value of non-Bartlett pears is not available. <sup>2</sup> The tart cherry order covers the States of Michigan, New York, Pennsylvania, Oregon, Utah, Washington, and Wisconsin. <sup>3</sup> Farm value is available only for fresh and processed combined. <sup>4</sup> Massachusetts, Rhode Island, Connecticut, New Jersey, Wisconsin, Michigan, Minnesota, Oregon, Washington, and Long Island in New York. (Only top 5 are reported). <sup>5</sup> The Farm Security and Rural Investment Act of 2002 terminated the Peanut Administrative committee (which locally administered marketing agreement No. 146). As a result, the agreement was terminated and new quality standards for all domestic and imported peanuts were established. <sup>6</sup> The marketing order regulates the handling of spearmint oil produced in the States of Washington, Idaho, Montana, Nevada, Utah, Oregon, and California. The farm value is the sum of values for Idaho, Oregon, and Washington, the only significant producing States in the marketing order area. <sup>7</sup> Total number of producers cannot be determined from totals for individual commodities; some producers produce more than one commodity.

## CHAPTER XII

# AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various natural resources, particularly soil, water, timber, wetlands, wildlife, and improvement of water quality. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands.

### Conservation Practices on Active Contracts

| Practice code           | Practice   | Acres      |
|-------------------------|--|------------|
| CP1 .....               | Introduced grasses and legumes .....             | 3,471,645  |
| CP2 .....               | Native grasses .....                             | 6,450,368  |
| CP3 .....               | Tree planting .....                              | 1,156,897  |
| CP4 .....               | Wildlife habitat with woody vegetation .....     | 2,350,356  |
| CP5 * .....             | Field windbreaks .....                           | 62,691     |
| CP6 .....               | Diversions .....                                 | 835        |
| CP7 .....               | Erosion control structures .....                 | 662        |
| CP8 * .....             | Grass waterways .....                            | 94,529     |
| CP9 * .....             | Shallow water areas for wildlife .....           | 47,147     |
| CP10 <sup>1</sup> ..... | Existing grasses and legumes .....               | 15,226,788 |
| CP11 .....              | Existing trees .....                             | 1,097,973  |
| CP12 .....              | Wildlife food plots .....                        | 75,340     |
| CP13 .....              | Vegetative filter strips .....                   | 29,740     |
| CP15 * .....            | Contour grass strips .....                       | 72,456     |
| CP16 * .....            | Shelterbelts .....                               | 25,890     |
| CP17 * .....            | Living snow fences .....                         | 3,602      |
| CP18 * .....            | Salinity reducing vegetation .....               | 285,417    |
| CP19 .....              | Alley cropping .....                             | 52         |
| CP20 .....              | Alternative perennials .....                     | 15         |
| CP21 * .....            | Filter strips (grass) .....                      | 922,167    |
| CP22 * .....            | Riparian buffers (trees) .....                   | 617,202    |
| CP23 .....              | Wetland restoration .....                        | 1,704,440  |
| CP24 * .....            | Cross wind trap strips .....                     | 616        |
| CP25 .....              | Rare and declining habitat .....                 | 645,543    |
| CP26 .....              | Sediment retention .....                         | 5          |
| CP27 .....              | Farmable wetland (wetland) .....                 | 28,839     |
| CP28 .....              | Farmable wetland (upland) .....                  | 71,492     |
| CP29 .....              | Wildlife habitat buffer (marginal pasture) ..... | 6,137      |
| CP30 .....              | Wetland buffer (marginal pasture) .....          | 4,114      |
| CP31 .....              | Bottomland hardwood .....                        | 13         |
| .....                   | Total .....                                      | 34,452,972 |

<sup>1</sup> Includes both introduced grasses and legumes and native grasses. \* Continuous non-CREP sign-up acreage includes practices denoted by an asterisk (\*) and acreage in designated wellhead protection areas (CP1, CP2, CP3, CP4, or CP10).

### CRP enrollment: By sign up and initial contract year<sup>1</sup>, as of January 2004

| Sign up               | Before 1996 | 1996    | 1997    | 1998       | 1999      | 2000      | 2001      | 2002    | 2003    | 2004      | Total      |
|-----------------------|-------------|---------|---------|------------|-----------|-----------|-----------|---------|---------|-----------|------------|
| 1-12 ..               | 187,306     | .....   | .....   | .....      | .....     | .....     | .....     | .....   | .....   | .....     | 187,306    |
| 13 .....              | .....       | 434,445 | 159,592 | .....      | .....     | .....     | .....     | .....   | .....   | .....     | 594,037    |
| 14 .....              | .....       | .....   | 99,083  | 461,433    | .....     | .....     | .....     | .....   | .....   | .....     | 560,516    |
| 15 .....              | .....       | .....   | .....   | 16,179,020 | 355,916   | .....     | .....     | .....   | .....   | .....     | 16,534,936 |
| 16 .....              | .....       | .....   | .....   | 1,774,575  | 4,071,182 | .....     | .....     | .....   | .....   | .....     | 5,845,757  |
| 17 .....              | .....       | .....   | .....   | 112,884    | 103,666   | .....     | .....     | .....   | .....   | .....     | 216,550    |
| 18 .....              | .....       | .....   | .....   | .....      | .....     | 4,744,140 | .....     | .....   | .....   | .....     | 4,744,140  |
| 19 .....              | .....       | .....   | .....   | .....      | 134,796   | 130,724   | .....     | .....   | .....   | .....     | 265,520    |
| 20 .....              | .....       | .....   | .....   | .....      | .....     | .....     | 2,246,606 | .....   | .....   | .....     | 2,246,606  |
| 21 .....              | .....       | .....   | .....   | .....      | .....     | 105,945   | 12,641    | .....   | .....   | .....     | 118,586    |
| 22 .....              | .....       | .....   | .....   | .....      | .....     | 33,343    | 171,448   | .....   | .....   | .....     | 204,791    |
| 23 .....              | .....       | .....   | .....   | .....      | .....     | .....     | 220,667   | .....   | .....   | .....     | 220,667    |
| 24 .....              | .....       | .....   | .....   | .....      | .....     | .....     | .....     | 246,938 | .....   | .....     | 246,938    |
| 25 .....              | .....       | .....   | .....   | .....      | .....     | .....     | .....     | 289,165 | 149,373 | .....     | 438,538    |
| 26 <sup>2</sup> ..... | .....       | .....   | .....   | .....      | .....     | .....     | .....     | .....   | 197,021 | 49,045    | 246,066    |
| 27 .....              | .....       | .....   | .....   | .....      | .....     | .....     | .....     | .....   | .....   | 1,589,436 | 1,589,436  |
| 28 .....              | .....       | .....   | .....   | .....      | .....     | .....     | .....     | .....   | 11,285  | 147,737   | 159,021    |
| All .....             | 187,306     | 434,445 | 258,675 | 18,527,912 | 4,665,560 | 5,014,151 | 2,651,361 | 536,102 | 357,679 | 1,819,787 | 34,452,978 |

<sup>1</sup>For CRP, contract year is the same as fiscal year, which begins October 1. Note: There are no contracts with initial contract years 1994 or 1995. Note: General Signup Numbers: 1-13, 15,16,18, 20, 26. Continuous Signup Numbers: 14, 17, 19, 21-25, 27-28. <sup>2</sup> Signup 26 records are in development phase and acreage totals may be incomplete. Contracts with initial year 2005 were excluded.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.

**Table 12-1.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004**  
(CP 1 and CP 2)

| State                      | CP 1 Establishment of permanent introduced grasses and legumes |                               |  | CP 2 Establishment of permanent native grasses |                               |  |
|----------------------------|--|-------------------------------|--|--|-------------------------------|--|
|                            | Total acres treated  | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated                            | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| Alabama .....              | 5,418.7  | 238,972                       | 58.34                                    | 3,642.1  | 239,130                       | 82.21                                    |
| Alaska .....               | 5,746.4  | 438,254                       | 76.27                                    | 0.0  | 0                             | .....                                    |
| Arizona .....              | 0.0  | 0                             | .....                                    | 32.8   | 0                             | .....                                    |
| Arkansas .....             | 3,273.8  | 175,350                       | 58.44                                    | 3,150.9  | 284,212                       | 94.19                                    |
| California .....           | 5,231.3  | 293,168                       | 65.05                                    | 890.8  | 100,240                       | 138.11                                   |
| Colorado .....             | 48,439.6   | 1,706,360                     | 43.47                                    | 594,340.9                                      | 33,381,518                    | 60.61                                    |
| Connecticut .....          | 70.3   | 7,091                         | 178.61                                   | 34.3   | 3,630                         | 105.83                                   |
| Delaware .....             | 53.1   | 4,419                         | 83.22                                    | 23.3   | 1,967                         | 84.41                                    |
| Florida .....              | 297.3  | 10,555                        | 42.47                                    | 150.5  | 335                           | 67.00                                    |
| Georgia .....              | 575.7  | 36,261                        | 66.05                                    | 389.4  | 33,334                        | 85.60                                    |
| Hawaii .....               | 0.0  | 0                             | .....                                    | 0.0  | 0                             | .....                                    |
| Idaho .....                | 101,526.6  | 2,941,691                     | 32.64                                    | 19,901.8                                       | 1,321,556                     | 78.82                                    |
| Illinois .....             | 182,596.5  | 7,151,568                     | 48.15                                    | 39,203.9                                       | 2,710,945                     | 84.85                                    |
| Indiana .....              | 38,822.1   | 2,059,121                     | 63.82                                    | 28,531.4                                       | 1,893,297                     | 76.86                                    |
| Iowa .....                 | 299,971.8  | 9,201,045                     | 47.59                                    | 146,738.9                                      | 9,039,085                     | 74.25                                    |
| Kansas .....               | 17,763.6   | 348,291                       | 39.57                                    | 789,117.9                                      | 23,722,505                    | 41.74                                    |
| Kentucky .....             | 86,982.9   | 6,011,842                     | 73.31                                    | 37,406.5                                       | 3,423,162                     | 97.36                                    |
| Louisiana .....            | 171.1  | 5,981                         | 37.45                                    | 2,427.8  | 125,207                       | 52.80                                    |
| Maine .....                | 1,377.0  | 182,087                       | 157.26                                   | 112.4  | 13,681                        | 123.92                                   |
| Maryland .....             | 11,608.2   | 1,109,556                     | 143.71                                   | 3,437.2  | 660,084                       | 219.35                                   |
| Massachusetts .....        | 0.0  | 0                             | .....                                    | 0.0  | 0                             | .....                                    |
| Michigan .....             | 35,906.8   | 1,621,233                     | 52.22                                    | 18,874.8                                       | 1,731,874                     | 104.08                                   |
| Minnesota .....            | 245,382.7  | 10,742,819                    | 46.47                                    | 135,749.5                                      | 9,591,392                     | 75.24                                    |
| Mississippi .....          | 6,382.9  | 297,864                       | 49.09                                    | 457.4  | 36,579                        | 84.89                                    |
| Missouri .....             | 371,010.7  | 14,430,538                    | 46.94                                    | 183,209.4                                      | 11,125,097                    | 64.68                                    |
| Montana .....              | 710,030.4  | 15,258,674                    | 22.53                                    | 827,903.7                                      | 28,318,765                    | 36.24                                    |
| Nebraska .....             | 46,743.7   | 963,468                       | 24.44                                    | 353,016.4                                      | 13,401,662                    | 45.69                                    |
| Nevada .....               | 0.0  | 0                             | .....                                    | 0.0  | 0                             | .....                                    |
| New Hampshire .....        | 10.0   | 1,200                         | 120.00                                   | 0.0  | 0                             | .....                                    |
| New Jersey .....           | 1,110.6  | 180,842                       | 167.87                                   | 406.2  | 77,221                        | 190.11                                   |
| New Mexico .....           | 970.1  | 28,604                        | 29.49                                    | 182,670.6                                      | 7,536,649                     | 43.08                                    |
| New York .....             | 5,764.6  | 568,880                       | 107.49                                   | 800.0  | 88,831                        | 121.45                                   |
| North Carolina .....       | 2,327.4  | 155,886                       | 78.06                                    | 1,669.9  | 128,309                       | 88.66                                    |
| North Dakota .....         | 409,565.6  | 7,745,261                     | 20.18                                    | 66,961.9                                       | 3,786,823                     | 60.87                                    |
| Ohio .....                 | 28,207.9   | 1,370,584                     | 57.47                                    | 28,569.8                                       | 2,056,360                     | 82.40                                    |
| Oklahoma .....             | 19,926.1   | 650,129                       | 38.19                                    | 390,994.9                                      | 18,590,750                    | 48.67                                    |
| Oregon .....               | 103,044.8  | 2,894,993                     | 32.06                                    | 43,335.2                                       | 2,333,191                     | 61.51                                    |
| Pennsylvania .....         | 49,167.6   | 6,388,387                     | 132.26                                   | 19,744.9                                       | 3,129,451                     | 162.56                                   |
| Puerto Rico .....          | 108.0  | 17,550                        | 162.50                                   | 0.0  | 0                             | .....                                    |
| South Carolina .....       | 681.1  | 51,376                        | 85.44                                    | 107.2  | 9,804                         | 108.09                                   |
| South Dakota .....         | 167,401.3  | 4,948,206                     | 30.11                                    | 226,940.3                                      | 9,938,499                     | 45.32                                    |
| Tennessee .....            | 32,838.5   | 1,948,723                     | 62.41                                    | 41,276.4                                       | 3,298,921                     | 82.84                                    |
| Texas .....                | 110,979.6  | 3,200,364                     | 33.19                                    | 1,644,235.8                                    | 77,708,202                    | 51.42                                    |
| Utah .....                 | 58,273.0   | 1,919,940                     | 35.91                                    | 15,065.1                                       | 756,062                       | 51.81                                    |
| Vermont .....              | 0.0  | 0                             | .....                                    | 0.0  | 0                             | .....                                    |
| Virginia .....             | 4,295.5  | 222,719                       | 53.41                                    | 2,664.0  | 194,347                       | 81.26                                    |
| Washington .....           | 146,346.7  | 7,049,184                     | 53.75                                    | 532,330.2                                      | 49,198,311                    | 95.02                                    |
| West Virginia .....        | 10.2   | 500                           | 49.02                                    | 22.4   | 1,053                         | 47.01                                    |
| Wisconsin .....            | 48,314.2   | 2,391,604                     | 57.72                                    | 56,208.7                                       | 4,376,497                     | 82.79                                    |
| Wyoming .....              | 56,919.2   | 1,817,100                     | 33.20                                    | 7,620.7  | 257,699                       | 33.99                                    |
| United States, total ..... | 3,471,645.2  | 118,788,241                   | 66.60                                    | 6,450,368.2                                    | 324,626,233                   | 83.75                                    |

<sup>1</sup> Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup> Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.

**Table 12-2.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004**  
(CP 3 and CP 4)

| State                | CP 3 Tree planting  |                               |  | CP 4 Permanent wildlife habitat |                               |  |
|----------------------|---------------------|-------------------------------|--|---------------------------------|-------------------------------|--|
|                      | Total acres treated | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated             | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| Alabama              | 142,031.8           | 45,892,259                    | 360.88                                   | 10,689.0                        | 43,100                        | 36.83                                    |
| Alaska               | 0.0                 | 0                             |  | 11.3                            | 0                             |  |
| Arizona              | 0.0                 | 0                             |  | 0.0                             | 0                             |  |
| Arkansas             | 40,978.4            | 42,787,517                    | 1,103.45                                 | 3,000.8                         | 122,310                       | 53.38                                    |
| California           | 69.0                | 2,640                         | 293.32                                   | 758.9                           | 11,157                        | 202.12                                   |
| Colorado             | 140.1               | 124,359                       | 892.10                                   | 244,859.8                       | 17,441,201                    | 77.66                                    |
| Connecticut          | 0.0                 | 0                             |  | 0.0                             | 0                             |  |
| Delaware             | 2,870.0             | 987,250                       | 350.45                                   | 2,102.2                         | 466,957                       | 238.60                                   |
| Florida              | 25,712.2            | 8,135,237                     | 353.44                                   | 3,397.5                         | 88,458                        | 58.04                                    |
| Georgia              | 164,917.2           | 83,337,688                    | 517.45                                   | 6,651.3                         | 469,624                       | 160.45                                   |
| Hawaii               | 0.0                 | 0                             |  | 0.0                             | 0                             |  |
| Idaho                | 4,505.6             | 576,217                       | 133.18                                   | 130,845.0                       | 3,761,352                     | 30.08                                    |
| Illinois             | 52,946.5            | 45,967,833                    | 990.85                                   | 127,038.6                       | 26,753,872                    | 322.94                                   |
| Indiana              | 21,034.6            | 13,908,931                    | 704.32                                   | 14,338.0                        | 1,369,924                     | 121.21                                   |
| Iowa                 | 17,427.1            | 3,410,830                     | 210.50                                   | 319,466.9                       | 13,668,131                    | 77.46                                    |
| Kansas               | 730.8               | 82,445                        | 120.01                                   | 16,061.3                        | 1,000,377                     | 79.14                                    |
| Kentucky             | 6,292.2             | 671,678                       | 115.75                                   | 766.8                           | 61,055                        | 114.10                                   |
| Louisiana            | 134,829.8           | 10,399,024                    | 79.24                                    | 788.0                           | 24,036                        | 52.15                                    |
| Maine                | 247.2               | 29,470                        | 131.21                                   | 923.7                           | 33,788                        | 99.99                                    |
| Maryland             | 1,220.1             | 233,252                       | 239.48                                   | 2,128.6                         | 398,982                       | 244.40                                   |
| Massachusetts        | 0.0                 | 0                             |  | 0.0                             | 0                             |  |
| Michigan             | 9,638.5             | 2,712,246                     | 306.46                                   | 26,066.9                        | 3,427,193                     | 179.79                                   |
| Minnesota            | 35,518.2            | 4,399,579                     | 128.13                                   | 350,612.6                       | 25,577,236                    | 78.01                                    |
| Mississippi          | 295,289.2           | 39,696,912                    | 142.52                                   | 8,458.8                         | 278,661                       | 84.48                                    |
| Missouri             | 22,503.0            | 5,289,439                     | 270.25                                   | 6,190.6                         | 3,411,251                     | 725.37                                   |
| Montana              | 208.3               | 50,003                        | 245.96                                   | 33,588.0                        | 1,469,166                     | 51.79                                    |
| Nebraska             | 1,916.5             | 347,912                       | 292.04                                   | 47,996.1                        | 2,743,882                     | 73.21                                    |
| Nevada               | 0.0                 | 0                             |  | 151.3                           | 4,100                         | 27.10                                    |
| New Hampshire        | 0.0                 | 0                             |  | 0.0                             | 0                             |  |
| New Jersey           | 66.1                | 14,476                        | 219.00                                   | 22.7                            | 5,199                         | 229.03                                   |
| New Mexico           | 80.0                | 2,120                         | 26.50                                    | 0.0                             | 0                             |  |
| New York             | 1,436.5             | 260,744                       | 188.15                                   | 554.8                           | 47,639                        | 109.62                                   |
| North Carolina       | 17,782.7            | 1,338,935                     | 101.17                                   | 2,966.9                         | 2,346,601                     | 957.68                                   |
| North Dakota         | 448.6               | 76,256                        | 180.66                                   | 567,008.4                       | 14,181,570                    | 29.67                                    |
| Ohio                 | 8,618.0             | 4,842,821                     | 590.70                                   | 34,392.4                        | 101,725,339                   | 4,648.54                                 |
| Oklahoma             | 724.4               | 56,120                        | 80.68                                    | 3,414.0                         | 195,757                       | 61.66                                    |
| Oregon               | 2,062.5             | 181,639                       | 146.07                                   | 13,120.9                        | 733,621                       | 65.24                                    |
| Pennsylvania         | 1,093.3             | 785,272                       | 749.45                                   | 1,199.3                         | 596,428                       | 569.11                                   |
| Puerto Rico          | 91.0                | 13,741                        | 151.00                                   | 0.0                             | 0                             |  |
| South Carolina       | 52,039.0            | 6,992,061                     | 145.01                                   | 9,591.8                         | 195,627                       | 63.01                                    |
| South Dakota         | 877.8               | 215,837                       | 275.90                                   | 89,369.0                        | 4,597,518                     | 60.37                                    |
| Tennessee            | 15,696.7            | 6,369,175                     | 443.81                                   | 9,291.4                         | 1,464,427                     | 177.80                                   |
| Texas                | 3,591.8             | 148,294                       | 50.66                                    | 38,204.5                        | 6,305,683                     | 187.64                                   |
| Utah                 | 0.0                 | 0                             |  | 774.4                           | 2,851                         | 3.68                                     |
| Vermont              | 0.0                 | 0                             |  | 0.0                             | 0                             |  |
| Virginia             | 4,229.0             | 317,500                       | 82.64                                    | 1,095.2                         | 85,096                        | 82.00                                    |
| Washington           | 1,402.2             | 307,361                       | 222.39                                   | 185,124.2                       | 18,570,550                    | 104.99                                   |
| West Virginia        | 134.5               | 6,980                         | 51.90                                    | 0.0                             | 0                             |  |
| Wisconsin            | 65,485.2            | 82,981,352                    | 1,327.75                                 | 10,618.0                        | 4,029,022                     | 492.39                                   |
| Wyoming              | 11.8                | 14,755                        | 1,261.11                                 | 26,715.9                        | 493,733                       | 38.75                                    |
| United States, total | 1,156,897.4         | 413,968,160                   | 348.18                                   | 2,350,355.8                     | 258,202,474                   | 276.74                                   |

<sup>1</sup> Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup> Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.



**Table 12-3.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004 (CP 5, CP 6 and CP 7)**

| State    | CP 5 Establishment of field windbreaks |                               |  | CP 6 Diversions I   |                               |  | CP 7 Erosion control structures |                               |  |
|----------|--|-------------------------------|--|---------------------|-------------------------------|--|---------------------------------|-------------------------------|--|
|          | Total acres treated                    | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated             | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| AL ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| AK ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| AZ ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| AR ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 2.0                             | 729                           | 364.50                                   |
| CA ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| CO ..... | 1,074.8                                | 931,831                       | 877.18                                   | 0.0                 | 0                             | .....                                    | 225.9                           | 2,731                         | 151.72                                   |
| CT ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| DE ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| FL ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| GA ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 7.7                             | 0                             | .....                                    |
| HI ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| ID ..... | 532.2                                  | 1,535,559                     | 2,988.63                                 | 0.0                 | 0                             | .....                                    | 4.2                             | 7,000                         | 1,666.67                                 |
| IL ..... | 2,180.3                                | 477,108                       | 230.22                                   | 17.3                | 9,200                         | 1,840.00                                 | 29.4                            | 35,136                        | 1,501.54                                 |
| IN ..... | 1,978.9                                | 375,902                       | 194.51                                   | 0.0                 | 0                             | .....                                    | 5.7                             | 15,501                        | 3,298.09                                 |
| IA ..... | 5,402.0                                | 1,367,798                     | 270.19                                   | 10.0                | 1,500                         | 150.00                                   | 13.7                            | 10,161                        | 2,161.91                                 |
| KS ..... | 1,273.8                                | 545,316                       | 473.08                                   | 16.7                | 6,539                         | 416.50                                   | 122.9                           | 2,956                         | 537.45                                   |
| KY ..... | 0.5                                    | 1,010                         | 2,020.00                                 | 0.0                 | 0                             | .....                                    | 4.7                             | 8,472                         | 1,802.55                                 |
| LA ..... | 0.0                                    | 0                             | .....                                    | 5.0                 | 476                           | 95.20                                    | 2.0                             | 200                           | 100.00                                   |
| ME ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| MD ..... | 0.4                                    | 1,375                         | 3,437.50                                 | 0.1                 | 276                           | 2,760.00                                 | 0.0                             | 0                             | .....                                    |
| MA ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| MI ..... | 1,647.2                                | 456,922                       | 297.24                                   | 5.0                 | 6,450                         | 1,290.00                                 | 9.0                             | 23,500                        | 2,611.11                                 |
| MN ..... | 7,985.4                                | 2,381,366                     | 311.64                                   | 0.0                 | 0                             | .....                                    | 0.5                             | 2,500                         | 5,000.00                                 |
| MS ..... | 0.0                                    | 0                             | .....                                    | 3.0                 | 3,500                         | 1,166.67                                 | 1.1                             | 2,175                         | 21,750.00                                |
| MO ..... | 107.5                                  | 25,908                        | 273.87                                   | 560.6               | 58,441                        | 104.25                                   | 196.0                           | 86,417                        | 677.78                                   |
| MT ..... | 377.3                                  | 150,405                       | 433.19                                   | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| NE ..... | 21,091.5                               | 8,588,129                     | 525.62                                   | 0.0                 | 0                             | .....                                    | 9.9                             | 0                             | .....                                    |
| NV ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| NH ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.3                             | 700                           | 2,333.33                                 |
| NJ ..... | 8.1                                    | 12,305                        | 1,519.14                                 | 4.5                 | 750                           | 166.67                                   | 0.0                             | 0                             | .....                                    |
| NM ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| NY ..... | 10.9                                   | 12,455                        | 1,142.66                                 | 0.0                 | 0                             | .....                                    | 1.0                             | 3,500                         | 3,500.00                                 |
| NC ..... | 19.0                                   | 2,208                         | 116.21                                   | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| ND ..... | 3,610.8                                | 1,585,341                     | 449.47                                   | 0.6                 | 143                           | 238.33                                   | 0.0                             | 0                             | .....                                    |
| OH ..... | 1,841.8                                | 559,806                       | 315.88                                   | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| OK ..... | 51.0                                   | 13,601                        | 336.66                                   | 57.5                | 13,560                        | 242.14                                   | 20.0                            | 1,741                         | 87.05                                    |
| OR ..... | 3.3                                    | 525                           | 159.09                                   | 0.0                 | 0                             | .....                                    | 1.0                             | 0                             | .....                                    |
| PA ..... | 4.3                                    | 430                           | 100.00                                   | 7.6                 | 6,428                         | 845.79                                   | 0.0                             | 919                           | 919.00                                   |
| PR ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| SC ..... | 55.0                                   | 3,880                         | 79.51                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| SD ..... | 12,960.1                               | 9,152,650                     | 749.24                                   | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| TN ..... | 0.0                                    | 0                             | .....                                    | 0.1                 | 250                           | 2,500.00                                 | 3.0                             | 2,558                         | 852.67                                   |
| TX ..... | 47.1                                   | 36,523                        | 845.44                                   | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| UT ..... | 3.7                                    | 7,974                         | 2,155.14                                 | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| VT ..... | 5.0                                    | 1,010                         | 202.00                                   | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| VA ..... | 3.0                                    | 117                           | 39.00                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| WA ..... | 16.8                                   | 9,703                         | 718.74                                   | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| WV ..... | 0.0                                    | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| WI ..... | 231.3                                  | 43,260                        | 200.28                                   | 0.5                 | 600                           | 1,200.00                                 | 2.2                             | 16,905                        | 7,684.09                                 |
| WY ..... | 168.4                                  | 173,543                       | 1,083.29                                 | 146.2               | 0                             | .....                                    | 0.0                             | 0                             | .....                                    |
| US ..... | 62,691.4                               | 28,453,960                    | 751.49                                   | 834.7               | 108,113                       | 929.68                                   | 662.2                           | 223,801                       | 2,999.97                                 |

<sup>1</sup>Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup>Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.

**Table 12-4.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004  
(CP 8, CP 9 and CP 10)**

| State    | CP 8 Grass waterways |                               |  | CP 9 Shallow water areas for wildlife |                               |  | CP 10 Vegetative-cover-grass-already established |                               |  |
|----------|----------------------|-------------------------------|--|---------------------------------------|-------------------------------|--|--|-------------------------------|--|
|          | Total acres treated  | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated                   | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated                              | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| AL ..... | 44.3                 | 11,553                        | 394.30                                   | 128.7                                 | 110,763                       | 898.32                                   | 115,038.6  | 0                             | .....                                    |
| AK ..... | 0.5                  | 14,022                        | 28,044.00                                | 4.6                                   | 56,864                        | 12,361.74                                | 23,543.3   | 0                             | .....                                    |
| AZ ..... | 3.6                  | 2,880                         | 800.00                                   | 0.0                                   | 0                             | .....                                    | 0.0  | 0                             | .....                                    |
| AR ..... | 22.8                 | 2,672                         | 144.43                                   | 887.1                                 | 188,764                       | 323.56                                   | 27,661.9   | 4,177                         | 50.88                                    |
| CA ..... | 0.0                  | 0                             | .....                                    | 123.0                                 | 72,816                        | 592.00                                   | 129,943.7  | 0                             | .....                                    |
| CO ..... | 961.8                | 278,280                       | 301.53                                   | 49.2                                  | 12,853                        | 261.24                                   | 1,373,978.0                                      | 0                             | .....                                    |
| CT ..... | 0.0                  | 0                             | .....                                    | 0.0                                   | 0                             | .....                                    | 130.5  | 0                             | .....                                    |
| DE ..... | 4.1                  | 9,309                         | 2,515.95                                 | 370.5                                 | 1,035,916                     | 2,834.24                                 | 30.2   | 0                             | .....                                    |
| FL ..... | 0.0                  | 0                             | .....                                    | 0.0                                   | 0                             | .....                                    | 2,152.6  | 500                           | 45.05                                    |
| GA ..... | 74.5                 | 38,103                        | 548.24                                   | 27.8                                  | 29,577                        | 1,063.92                                 | 7,419.1  | 0                             | .....                                    |
| HI ..... | 0.0                  | 0                             | .....                                    | 0.0                                   | 0                             | .....                                    | 0.0  | 0                             | .....                                    |
| ID ..... | 13.3                 | 15,578                        | 1,876.87                                 | 87.5                                  | 85,093                        | 972.49                                   | 531,444.3  | 207,594                       | 52.44                                    |
| IL ..... | 24,936.2             | 31,320,387                    | 1,325.78                                 | 5,082.4                               | 2,297,894                     | 481.39                                   | 250,265.7  | 1,090,916                     | 285.49                                   |
| IN ..... | 12,858.4             | 37,984,346                    | 3,127.47                                 | 1,439.8                               | 899,562                       | 711.74                                   | 87,759.8   | 480                           | 56.47                                    |
| IA ..... | 25,401.6             | 23,927,130                    | 1,054.60                                 | 16,381.6                              | 3,502,561                     | 247.15                                   | 589,442.0  | 13,759,511                    | 1,019.48                                 |
| KS ..... | 6,904.8              | 2,430,341                     | 387.43                                   | 682.6                                 | 171,427                       | 276.94                                   | 1,724,620.7                                      | 2,517,229                     | 3,211.16                                 |
| KY ..... | 2,917.1              | 3,374,361                     | 1,197.47                                 | 2,563.7                               | 1,208,634                     | 505.77                                   | 140,554.9  | 0                             | .....                                    |
| LA ..... | 43.3                 | 48,338                        | 1,181.86                                 | 697.4                                 | 133,980                       | 279.42                                   | 18,078.9   | 0                             | .....                                    |
| ME ..... | 26.2                 | 199,324                       | 7,909.68                                 | 0.0                                   | 0                             | .....                                    | 19,614.1   | 0                             | .....                                    |
| MD ..... | 188.1                | 557,725                       | 3,705.81                                 | 1,199.4                               | 1,491,801                     | 1,442.75                                 | 4,202.1  | 4,940                         | 200.00                                   |
| MA ..... | 1.0                  | 5                             | 5.00                                     | 0.2                                   | 0                             | .....                                    | 52.8   | 0                             | .....                                    |
| MI ..... | 736.8                | 1,925,396                     | 2,814.91                                 | 1,827.0                               | 1,010,117                     | 612.41                                   | 101,124.8  | 119,030                       | 49.99                                    |
| MN ..... | 3,922.8              | 4,152,246                     | 1,123.60                                 | 971.9                                 | 131,635                       | 159.83                                   | 297,688.7  | 47                            | 1.00                                     |
| MS ..... | 65.8                 | 5,711                         | 514.50                                   | 728.7                                 | 80,859                        | 256.53                                   | 131,543.6  | 0                             | .....                                    |
| MO ..... | 1,554.9              | 1,399,599                     | 1,000.21                                 | 2,712.8                               | 640,052                       | 263.66                                   | 824,448.4  | 4,199                         | 26.05                                    |
| MT ..... | 91.0                 | 6,842                         | 87.83                                    | 21.2                                  | 10,279                        | 484.86                                   | 1,521,483.5                                      | 0                             | .....                                    |
| NE ..... | 1,568.8              | 523,794                       | 361.41                                   | 177.2                                 | 48,428                        | 283.70                                   | 583,708.4  | 2,536,108                     | 2,984.36                                 |
| NV ..... | 0.0                  | 0                             | .....                                    | 0.0                                   | 0                             | .....                                    | 0.0  | 0                             | .....                                    |
| NH ..... | 0.0                  | 0                             | .....                                    | 0.0                                   | 0                             | .....                                    | 0.0  | 0                             | .....                                    |
| NJ ..... | 20.7                 | 146,708                       | 7,087.34                                 | 2.8                                   | 7,181                         | 2,564.64                                 | 501.6  | 0                             | .....                                    |
| NM ..... | 0.0                  | 0                             | .....                                    | 0.0                                   | 0                             | .....                                    | 407,203.1  | 0                             | .....                                    |
| NY ..... | 58.0                 | 117,347                       | 2,729.00                                 | 80.5                                  | 13,261                        | 197.34                                   | 38,564.3   | 52,620                        | 57.16                                    |
| NC ..... | 117.6                | 171,219                       | 2,043.19                                 | 3,054.7                               | 1,947,564                     | 755.02                                   | 18,367.9   | 7,081                         | 89.52                                    |
| ND ..... | 110.7                | 48,595                        | 461.05                                   | 35.1                                  | 730                           | 34.60                                    | 1,386,430.2                                      | 0                             | .....                                    |
| OH ..... | 5,833.5              | 16,193,595                    | 2,987.64                                 | 805.9                                 | 549,104                       | 736.46                                   | 97,984.3   | 4,481,407                     | 6,380.14                                 |
| OK ..... | 301.7                | 78,084                        | 272.64                                   | 84.1                                  | 12,888                        | 377.95                                   | 595,695.1  | 253,457                       | 146.30                                   |
| OR ..... | 75.2                 | 41,911                        | 706.76                                   | 18.2                                  | 10,067                        | 553.13                                   | 294,022.4  | 0                             | .....                                    |
| PA ..... | 434.8                | 1,084,707                     | 2,591.89                                 | 71.5                                  | 128,910                       | 1,833.71                                 | 54,828.5   | 0                             | .....                                    |
| PR ..... | 0.0                  | 0                             | .....                                    | 0.0                                   | 0                             | .....                                    | 351.0  | 0                             | .....                                    |
| SC ..... | 65.7                 | 118,220                       | 1,841.43                                 | 2,053.8                               | 3,113,521                     | 1,529.53                                 | 11,673.6   | 0                             | .....                                    |
| SD ..... | 1,054.9              | 454,656                       | 543.20                                   | 292.8                                 | 219,695                       | 850.54                                   | 503,422.3  | 0                             | .....                                    |
| TN ..... | 159.7                | 141,776                       | 940.78                                   | 116.8                                 | 47,232                        | 442.25                                   | 138,609.6  | 510                           | 15.04                                    |
| TX ..... | 1,879.0              | 1,190,891                     | 672.06                                   | 116.4                                 | 47,271                        | 424.34                                   | 2,126,803.3                                      | 2,389,799                     | 1,122.34                                 |
| UT ..... | 6.3                  | 252                           | 40.00                                    | 0.0                                   | 0                             | .....                                    | 127,334.7  | 0                             | .....                                    |
| VT ..... | 1.0                  | 1,595                         | 1,595.00                                 | 0.0                                   | 0                             | .....                                    | 116.2  | 0                             | .....                                    |
| VA ..... | 30.9                 | 29,845                        | 998.16                                   | 88.0                                  | 27,232                        | 389.03                                   | 14,007.6   | 41,200                        | 59.81                                    |
| WA ..... | 503.2                | 170,345                       | 378.63                                   | 64.2                                  | 49,294                        | 773.85                                   | 381,845.3  | 56,654                        | 38.60                                    |
| WV ..... | 0.0                  | 0                             | .....                                    | 0.0                                   | 0                             | .....                                    | 666.9  | 0                             | .....                                    |
| WI ..... | 1,521.6              | 2,624,634                     | 1,777.36                                 | 4,098.2                               | 9,275,410                     | 2,732.80                                 | 337,743.3  | 10,717                        | 15.36                                    |
| WY ..... | 12.6                 | 5,611                         | 445.32                                   | 0.0                                   | 0                             | .....                                    | 184,686.3  | 0                             | .....                                    |
| US ..... | 94,528.8             | 130,847,933                   | 2,159.62                                 | 47,147.3                              | 28,669,235                    | 1,097.47                                 | 15,226,788.1                                     | 27,538,176                    | 757.46                                   |

<sup>1</sup>Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup>Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.

**Table 12-5.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004**  
(CP 11, CP 12 and CP 13)

| State    | CP 11 Vegetative-cover-trees-already established |                               |  | CP 12 Wildlife food plots |                               |  | CP 13 Filter strips |                               |  |
|----------|--|-------------------------------|--|---------------------------|-------------------------------|--|---------------------|-------------------------------|--|
|          | Total acres treated                              | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated       | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| AL ..... | 178,266.5  | 316,112                       | 42.41                                    | 1,681.5                   | 0                             | 0  | 112.3               | 8,478                         | 91.06                                    |
| AK ..... | 0.0  | 0                             | 0  | 20.4                      | 0                             | 0  | 0.0                 | 0                             | 0  |
| AZ ..... | 0.0  | 0                             | 0  | 0.0                       | 0                             | 0  | 0.0                 | 0                             | 0  |
| AR ..... | 57,334.8   | 175,734                       | 43.23                                    | 449.3                     | 0                             | 0  | 94.2                | 5,228                         | 56.03                                    |
| CA ..... | 49.5   | 0                             | 0  | 81.0                      | 0                             | 0  | 0.0                 | 0                             | 0  |
| CO ..... | 230.2  | 0                             | 0  | 1,054.7                   | 0                             | 0  | 96.0                | 12,729                        | 132.59                                   |
| CT ..... | 0.0  | 0                             | 0  | 0.0                       | 0                             | 0  | 0.0                 | 0                             | 0  |
| DE ..... | 56.4   | 0                             | 0  | 30.8                      | 0                             | 0  | 0.0                 | 0                             | 0  |
| FL ..... | 56,487.5   | 196,352                       | 43.02                                    | 154.3                     | 0                             | 0  | 4.8                 | 293                           | 61.04                                    |
| GA ..... | 124,622.9  | 312,603                       | 42.87                                    | 1,816.6                   | 0                             | 0  | 717.3               | 30,485                        | 43.35                                    |
| HI ..... | 0.0  | 0                             | 0  | 0.0                       | 0                             | 0  | 0.0                 | 0                             | 0  |
| ID ..... | 3,058.9  | 32,310                        | 43.23                                    | 1,069.2                   | 0                             | 0  | 5.9                 | 2,427                         | 411.36                                   |
| IL ..... | 14,392.3   | 98,081                        | 44.26                                    | 5,304.6                   | 0                             | 0  | 5,106.5             | 271,474                       | 54.59                                    |
| IN ..... | 7,479.3  | 56,147                        | 43.23                                    | 1,009.5                   | 0                             | 0  | 1,577.2             | 122,467                       | 79.81                                    |
| IA ..... | 6,819.1  | 53,415                        | 43.31                                    | 5,565.7                   | 0                             | 0  | 3,451.1             | 166,361                       | 49.34                                    |
| KS ..... | 1,338.3  | 1,718                         | 34.35                                    | 4,975.1                   | 0                             | 0  | 1,112.5             | 49,603                        | 45.64                                    |
| KY ..... | 1,884.0  | 6,835                         | 43.23                                    | 1,263.9                   | 0                             | 0  | 566.3               | 30,560                        | 56.81                                    |
| LA ..... | 40,492.4   | 131,015                       | 36.46                                    | 1,678.2                   | 0                             | 0  | 11.3                | 475                           | 42.04                                    |
| ME ..... | 721.8  | 0                             | 0  | 1.6                       | 0                             | 0  | 0.0                 | 0                             | 0  |
| MD ..... | 587.4  | 3,394                         | 43.23                                    | 138.7                     | 0                             | 0  | 957.5               | 214,432                       | 223.95                                   |
| MA ..... | 0.0  | 0                             | 0  | 0.0                       | 0                             | 0  | 46.9                | 0                             | 0  |
| MI ..... | 6,761.6  | 39,999                        | 44.11                                    | 1,856.1                   | 0                             | 0  | 880.5               | 36,025                        | 49.25                                    |
| MN ..... | 20,310.2   | 87,327                        | 45.76                                    | 4,744.9                   | 0                             | 0  | 8,350.9             | 302,894                       | 38.52                                    |
| MS ..... | 343,062.5  | 710,111                       | 42.64                                    | 5,030.9                   | 0                             | 0  | 450.7               | 19,346                        | 43.50                                    |
| MO ..... | 6,187.7  | 69,276                        | 43.23                                    | 3,478.3                   | 0                             | 0  | 373.8               | 26,533                        | 71.61                                    |
| MT ..... | 1,090.3  | 575                           | 43.23                                    | 2,919.1                   | 0                             | 0  | 26.0                | 1,283                         | 73.31                                    |
| NE ..... | 3,190.2  | 11,949                        | 43.23                                    | 2,442.3                   | 0                             | 0  | 288.7               | 7,066                         | 30.33                                    |
| NV ..... | 0.0  | 0                             | 0  | 0.0                       | 0                             | 0  | 0.0                 | 0                             | 0  |
| NH ..... | 0.0  | 0                             | 0  | 0.0                       | 0                             | 0  | 0.2                 | 175                           | 875.00                                   |
| NJ ..... | 27.4   | 968                           | 43.23                                    | 10.0                      | 0                             | 0  | 9.0                 | 2,385                         | 265.00                                   |
| NM ..... | 79.7   | 0                             | 0  | 38.0                      | 0                             | 0  | 0.0                 | 0                             | 0  |
| NY ..... | 1,277.5  | 6,636                         | 43.23                                    | 73.3                      | 0                             | 0  | 141.6               | 3,731                         | 64.77                                    |
| NC ..... | 41,734.6   | 116,967                       | 43.24                                    | 58.7                      | 0                             | 0  | 37.3                | 6,295                         | 168.77                                   |
| ND ..... | 1,538.8  | 3,268                         | 43.23                                    | 4,277.1                   | 0                             | 0  | 362.0               | 7,179                         | 21.19                                    |
| OH ..... | 5,668.4  | 29,098                        | 43.23                                    | 947.8                     | 0                             | 0  | 994.1               | 54,740                        | 61.24                                    |
| OK ..... | 434.1  | 145                           | 11.90                                    | 1,363.0                   | 0                             | 0  | 169.1               | 7,135                         | 81.73                                    |
| OR ..... | 1,588.0  | 3,479                         | 37.41                                    | 209.5                     | 0                             | 0  | 0.0                 | 0                             | 0  |
| PA ..... | 574.2  | 1,746                         | 43.23                                    | 567.2                     | 0                             | 0  | 6.5                 | 270                           | 50.00                                    |
| PR ..... | 121.0  | 0                             | 0  | 0.0                       | 0                             | 0  | 0.0                 | 0                             | 0  |
| SC ..... | 102,297.5  | 67,594                        | 43.23                                    | 1,023.8                   | 0                             | 0  | 1,621.9             | 74,221                        | 45.82                                    |
| SD ..... | 1,323.7  | 6,740                         | 43.23                                    | 8,583.0                   | 0                             | 0  | 581.0               | 35,156                        | 60.63                                    |
| TN ..... | 16,955.1   | 45,085                        | 43.23                                    | 357.1                     | 0                             | 0  | 311.0               | 16,468                        | 57.42                                    |
| TX ..... | 5,971.4  | 3,030                         | 43.23                                    | 6,132.2                   | 0                             | 0  | 102.4               | 4,593                         | 55.01                                    |
| UT ..... | 0.0  | 0                             | 0  | 31.7                      | 0                             | 0  | 0.0                 | 0                             | 0  |
| VT ..... | 0.0  | 0                             | 0  | 0.0                       | 0                             | 0  | 0.0                 | 0                             | 0  |
| VA ..... | 14,408.5   | 21,922                        | 43.23                                    | 107.9                     | 0                             | 0  | 51.5                | 7,150                         | 138.83                                   |
| WA ..... | 1,225.1  | 13,816                        | 44.07                                    | 878.7                     | 0                             | 0  | 706.5               | 20,549                        | 35.76                                    |
| WV ..... | 9.0  | 0                             | 0  | 0.3                       | 0                             | 0  | 0.0                 | 0                             | 0  |
| WI ..... | 28,243.1   | 202,887                       | 43.23                                    | 3,774.3                   | 0                             | 0  | 415.4               | 28,710                        | 75.75                                    |
| WY ..... | 72.6   | 0                             | 0  | 139.7                     | 0                             | 0  | 0.0                 | 0                             | 0  |
| US ..... | 1,097,973.5                                      | 2,826,335                     | 41.73                                    | 75,340.0                  | 0                             | 0  | 29,739.9            | 1,576,916                     | 109.15                                   |

<sup>1</sup>Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup>Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.

**Table 12-6.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004**  
(CP 14, CP 15 and CP 16)

| State | CP 14 Wetland trees |                               |  | CP 15 Contour grass strips |                               |  | CP 16 Shelter belts |                               |  |
|-------|---------------------|-------------------------------|--|----------------------------|-------------------------------|--|---------------------|-------------------------------|--|
|       | Total acres treated | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated        | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| AL    |                     |                               |  | 188.3                      | 3,442                         | 80.23                                    | 0.0                 | 0                             |  |
| AK    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| AZ    |                     |                               |  | 0.0                        | 0                             |  | 4.3                 | 1,262                         | 293.49                                   |
| AR    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| CA    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| CO    |                     |                               |  | 444.4                      | 438                           | 1.71                                     | 3,503.0             | 3,290,611                     | 1,047.77                                 |
| CT    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| DE    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| FL    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| GA    |                     |                               |  | 39.1                       | 3,023                         | 77.31                                    | 0.0                 | 0                             |  |
| HI    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| ID    |                     |                               |  | 63.9                       | 7,262                         | 113.65                                   | 210.7               | 499,629                       | 2,371.28                                 |
| IL    |                     |                               |  | 1,754.6                    | 80,556                        | 55.51                                    | 103.9               | 26,192                        | 265.64                                   |
| IN    |                     |                               |  | 201.9                      | 14,052                        | 81.65                                    | 19.4                | 3,824                         | 197.11                                   |
| IA    |                     |                               |  | 28,945.0                   | 893,485                       | 47.49                                    | 1,742.1             | 1,241,682                     | 762.56                                   |
| KS    |                     |                               |  | 5,203.5                    | 190,572                       | 49.88                                    | 510.2               | 247,571                       | 528.88                                   |
| KY    |                     |                               |  | 60.6                       | 4,322                         | 83.92                                    | 0.0                 | 0                             |  |
| LA    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| ME    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| MD    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| MA    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| MI    |                     |                               |  | 11.9                       | 1,388                         | 120.70                                   | 72.6                | 11,381                        | 217.61                                   |
| MN    |                     |                               |  | 1,138.2                    | 77,092                        | 71.83                                    | 3,046.7             | 1,033,229                     | 358.52                                   |
| MS    |                     |                               |  | 37.6                       | 240                           | 33.80                                    | 0.0                 | 0                             |  |
| MO    |                     |                               |  | 2,363.8                    | 83,669                        | 54.75                                    | 34.0                | 2,428                         | 90.60                                    |
| MT    |                     |                               |  | 0.0                        | 0                             |  | 228.1               | 110,805                       | 500.47                                   |
| NE    |                     |                               |  | 499.4                      | 19,565                        | 56.14                                    | 1,969.9             | 960,604                       | 517.68                                   |
| NV    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| NH    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| NJ    |                     |                               |  | 4.4                        | 1,045                         | 237.50                                   | 0.3                 | 175                           | 583.33                                   |
| NM    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| NY    |                     |                               |  | 4.0                        | 495                           | 123.75                                   | 0.0                 | 0                             |  |
| NC    |                     |                               |  | 0.0                        | 0                             |  | 13.4                | 644                           | 67.08                                    |
| ND    |                     |                               |  | 0.0                        | 0                             |  | 3,203.7             | 1,603,609                     | 515.38                                   |
| OH    |                     |                               |  | 18.6                       | 995                           | 63.78                                    | 70.4                | 14,660                        | 215.59                                   |
| OK    |                     |                               |  | 1.8                        | 0                             |  | 21.1                | 4,783                         | 226.68                                   |
| OR    |                     |                               |  | 16.5                       | 0                             |  | 2.3                 | 710                           | 887.50                                   |
| PA    |                     |                               |  | 123.5                      | 20,331                        | 190.01                                   | 0.0                 | 0                             |  |
| PR    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| SC    |                     |                               |  | 0.3                        | 37                            | 123.33                                   | 0.0                 | 0                             |  |
| SD    |                     |                               |  | 127.5                      | 7,990                         | 96.61                                    | 11,039.6            | 7,935,593                     | 747.48                                   |
| TN    |                     |                               |  | 61.0                       | 6,820                         | 117.18                                   | 0.0                 | 0                             |  |
| TX    |                     |                               |  | 251.3                      | 13,981                        | 57.18                                    | 33.5                | 15,445                        | 481.15                                   |
| UT    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| VT    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| VA    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| WA    |                     |                               |  | 29,836.2                   | 1,910,522                     | 78.67                                    | 9.3                 | 28,638                        | 4,694.75                                 |
| WV    |                     |                               |  | 0.0                        | 0                             |  | 0.0                 | 0                             |  |
| WI    |                     |                               |  | 1,058.1                    | 73,763                        | 93.51                                    | 26.4                | 9,295                         | 352.08                                   |
| WY    |                     |                               |  | 0.8                        | 166                           | 207.50                                   | 24.7                | 26,176                        | 1,059.76                                 |
| US    |                     |                               |  | 72,456.2                   | 3,415,251                     | 92.70                                    | 25,889.6            | 17,068,946                    | 738.37                                   |

<sup>1</sup>Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup>Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.

**Table 12-7.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004 (CP 17, CP 18 and CP 19)**

| State    | CP 17 Living snow fences |                               |  | CP 18 Salt tolerant grasses |                               |  | CP 19 Alley cropping |                               |  |
|----------|--------------------------|-------------------------------|--|-----------------------------|-------------------------------|--|----------------------|-------------------------------|--|
|          | Total acres treated      | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated         | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated  | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| AL ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| AK ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| AZ ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| AR ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| CA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| CO ..... | 38.7                     | 40,250                        | 1,040.05                                 | 137.7                       | 11,411                        | 82.87                                    | 0.0                  | 0                             | .....                                    |
| CT ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| DE ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| FL ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| GA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| HI ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| ID ..... | 66.9                     | 55,088                        | 823.44                                   | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| IL ..... | 25.8                     | 11,020                        | 427.13                                   | 5.7                         | 1,150                         | 294.87                                   | 0.0                  | 0                             | .....                                    |
| IN ..... | 1.8                      | 135                           | 75.00                                    | 0.5                         | 85                            | 170.00                                   | 0.0                  | 0                             | .....                                    |
| IA ..... | 105.8                    | 29,165                        | 284.26                                   | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| KS ..... | 70.2                     | 32,292                        | 497.57                                   | 2,407.0                     | 50,177                        | 22.29                                    | 0.0                  | 0                             | .....                                    |
| KY ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| LA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| ME ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MD ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MI ..... | 2.5                      | 900                           | 360.00                                   | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MN ..... | 2,655.3                  | 483,162                       | 194.55                                   | 6,560.4                     | 383,958                       | 60.42                                    | 0.0                  | 0                             | .....                                    |
| MS ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MO ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MT ..... | 17.8                     | 11,922                        | 669.78                                   | 148,549.2                   | 1,558,677                     | 12.65                                    | 0.0                  | 0                             | .....                                    |
| NE ..... | 121.6                    | 45,522                        | 478.17                                   | 1,025.3                     | 37,817                        | 36.88                                    | 0.0                  | 0                             | .....                                    |
| NV ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NH ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NJ ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NM ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NY ..... | 0.0                      | 0                             | .....                                    | 16.4                        | 39,784                        | 2,425.85                                 | 0.0                  | 0                             | .....                                    |
| NC ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| ND ..... | 250.0                    | 114,650                       | 486.42                                   | 109,643.5                   | 2,519,865                     | 28.22                                    | 0.0                  | 0                             | .....                                    |
| OH ..... | 2.8                      | 400                           | 142.86                                   | 2.1                         | 79                            | 37.62                                    | 0.0                  | 0                             | .....                                    |
| OK ..... | 3.7                      | 0                             | .....                                    | 9,180.5                     | 214,238                       | 24.22                                    | 0.0                  | 0                             | .....                                    |
| OR ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| PA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| PR ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| SC ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| SD ..... | 210.8                    | 119,047                       | 572.07                                   | 6,385.2                     | 276,229                       | 49.11                                    | 0.0                  | 0                             | .....                                    |
| TN ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| TX ..... | 0.0                      | 0                             | .....                                    | 1,080.7                     | 54,808                        | 53.60                                    | 0.0                  | 0                             | .....                                    |
| UT ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| VT ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| VA ..... | 2.5                      | 243                           | 97.20                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| WA ..... | 0.0                      | 0                             | .....                                    | 402.7                       | 16,977                        | 52.95                                    | 0.0                  | 0                             | .....                                    |
| WV ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| WI ..... | 25.0                     | 4,902                         | 196.08                                   | 0.0                         | 0                             | .....                                    | 52.1                 | 4,557                         | 87.47                                    |
| WY ..... | 1.0                      | 2,367                         | 2,367.00                                 | 19.8                        | 744                           | 37.58                                    | 0.0                  | 0                             | .....                                    |
| US ..... | 3,602.2                  | 951,065                       | 544.47                                   | 285,416.7                   | 5,165,999                     | 225.94                                   | 52.1                 | 4,557                         | 87.47                                    |

<sup>1</sup>Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup>Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

**Table 12-8.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004  
(CP 20, CP 21 and CP 22)**

| State    | CP 20 Alternative perennials |                               |  | CP 21 Filter strips |                               |  | CP 22 Riparian buffer |                               |  |
|----------|------------------------------|-------------------------------|--|---------------------|-------------------------------|--|-----------------------|-------------------------------|--|
|          | Total acres treated          | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated   | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| AL ..... | 0.0                          | 0                             | .....                                    | 717.8               | 52,569                        | 117.60                                   | 24,566.7              | 3,443,941                     | 149.21                                   |
| AK ..... | 0.0                          | 0                             | .....                                    | 7.8                 | 780                           | 100.00                                   | 212.0                 | 45,328                        | 213.81                                   |
| AZ ..... | 0.0                          | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                   | 0                             | .....                                    |
| AR ..... | 0.0                          | 0                             | .....                                    | 4,529.9             | 280,523                       | 71.87                                    | 27,775.4              | 2,738,957                     | 109.25                                   |
| CA ..... | 0.0                          | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 4,211.6               | 918,394                       | 254.47                                   |
| CO ..... | 0.0                          | 0                             | .....                                    | 321.8               | 6,887                         | 61.24                                    | 723.0                 | 769,624                       | 1,128.65                                 |
| CT ..... | 0.0                          | 0                             | .....                                    | 33.9                | 3,336                         | 98.41                                    | 63.1                  | 30,292                        | 480.06                                   |
| DE ..... | 0.0                          | 0                             | .....                                    | 1,347.3             | 343,288                       | 268.97                                   | 157.6                 | 57,891                        | 367.33                                   |
| FL ..... | 0.0                          | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 67.5                  | 1,505                         | 22.30                                    |
| GA ..... | 0.0                          | 0                             | .....                                    | 521.1               | 17,786                        | 39.18                                    | 1,145.0               | 366,617                       | 392.73                                   |
| HI ..... | 0.0                          | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 18.6                  | 18,420                        | 990.32                                   |
| ID ..... | 0.0                          | 0                             | .....                                    | 1,098.8             | 74,659                        | 79.36                                    | 5,844.2               | 2,396,300                     | 412.17                                   |
| IL ..... | 10.0                         | 0                             | .....                                    | 136,195.1           | 7,056,866                     | 55.63                                    | 98,061.6              | 15,171,398                    | 165.76                                   |
| IN ..... | 0.0                          | 0                             | .....                                    | 51,142.1            | 5,352,957                     | 116.32                                   | 4,318.9               | 979,796                       | 250.35                                   |
| IA ..... | 0.0                          | 0                             | .....                                    | 226,534.2           | 12,215,145                    | 62.35                                    | 58,720.6              | 15,461,885                    | 283.55                                   |
| KS ..... | 4.6                          | 0                             | .....                                    | 22,542.8            | 1,200,898                     | 60.44                                    | 4,384.7               | 218,993                       | 55.88                                    |
| KY ..... | 0.0                          | 0                             | .....                                    | 30,512.4            | 3,347,159                     | 128.58                                   | 10,950.6              | 5,678,322                     | 549.38                                   |
| LA ..... | 0.0                          | 0                             | .....                                    | 567.8               | 22,196                        | 45.04                                    | 3,142.7               | 285,630                       | 105.39                                   |
| ME ..... | 0.0                          | 0                             | .....                                    | 126.2               | 29,873                        | 461.72                                   | 191.9                 | 432,806                       | 2,255.37                                 |
| MD ..... | 0.0                          | 0                             | .....                                    | 37,802.5            | 5,682,387                     | 168.15                                   | 16,413.5              | 5,302,398                     | 392.48                                   |
| MA ..... | 0.0                          | 0                             | .....                                    | 14.6                | 1,072                         | 73.42                                    | 5.0                   | 750                           | 150.00                                   |
| MI ..... | 0.0                          | 0                             | .....                                    | 39,367.0            | 4,664,493                     | 129.21                                   | 2,997.4               | 727,852                       | 260.80                                   |
| MN ..... | 0.0                          | 0                             | .....                                    | 143,758.0           | 9,329,887                     | 69.51                                    | 40,389.8              | 6,760,545                     | 179.94                                   |
| MS ..... | 0.0                          | 0                             | .....                                    | 7,341.2             | 435,061                       | 73.04                                    | 112,667.7             | 6,585,702                     | 66.36                                    |
| MO ..... | 0.0                          | 0                             | .....                                    | 40,535.3            | 2,242,962                     | 66.08                                    | 23,104.4              | 4,197,211                     | 226.33                                   |
| MT ..... | 0.0                          | 0                             | .....                                    | 114.3               | 2,748                         | 30.10                                    | 2,004.0               | 330,646                       | 170.72                                   |
| NE ..... | 0.0                          | 0                             | .....                                    | 19,107.5            | 1,059,116                     | 60.53                                    | 2,892.2               | 615,447                       | 224.60                                   |
| NV ..... | 0.0                          | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                   | 0                             | .....                                    |
| NH ..... | 0.0                          | 0                             | .....                                    | 162.1               | 2,554                         | 16.53                                    | 22.2                  | 23,288                        | 1,309.23                                 |
| NJ ..... | 0.0                          | 0                             | .....                                    | 125.8               | 34,432                        | 273.70                                   | 21.2                  | 20,849                        | 983.44                                   |
| NM ..... | 0.0                          | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 4,375.1               | 1,195,676                     | 275.76                                   |
| NY ..... | 0.0                          | 0                             | .....                                    | 352.4               | 74,008                        | 214.70                                   | 9,002.4               | 5,623,117                     | 692.85                                   |
| NC ..... | 0.0                          | 0                             | .....                                    | 6,915.9             | 1,294,226                     | 198.34                                   | 22,721.7              | 1,809,017                     | 86.34                                    |
| ND ..... | 0.0                          | 0                             | .....                                    | 7,661.0             | 258,519                       | 42.08                                    | 501.0                 | 137,153                       | 303.10                                   |
| OH ..... | 0.0                          | 0                             | .....                                    | 43,184.2            | 2,127,803                     | 55.60                                    | 3,911.5               | 856,694                       | 244.32                                   |
| OK ..... | 0.0                          | 0                             | .....                                    | 868.3               | 44,207                        | 62.04                                    | 1,288.5               | 179,724                       | 152.74                                   |
| OR ..... | 0.0                          | 0                             | .....                                    | 2,156.7             | 116,993                       | 63.25                                    | 15,704.2              | 4,719,945                     | 387.25                                   |
| PA ..... | 0.0                          | 0                             | .....                                    | 1,471.1             | 326,233                       | 242.19                                   | 7,715.7               | 11,313,814                    | 1,498.44                                 |
| PR ..... | 0.0                          | 0                             | .....                                    | 0.0                 | 0                             | .....                                    | 0.0                   | 0                             | .....                                    |
| SC ..... | 0.0                          | 0                             | .....                                    | 4,469.6             | 68,266                        | 36.73                                    | 27,351.3              | 1,323,343                     | 66.32                                    |
| SD ..... | 0.0                          | 0                             | .....                                    | 5,925.9             | 260,632                       | 52.91                                    | 2,567.5               | 1,483,580                     | 599.33                                   |
| TN ..... | 0.0                          | 0                             | .....                                    | 8,411.4             | 707,633                       | 102.63                                   | 4,589.0               | 702,353                       | 162.30                                   |
| TX ..... | 0.0                          | 0                             | .....                                    | 1,819.2             | 324,720                       | 200.68                                   | 19,168.0              | 2,064,962                     | 116.32                                   |
| UT ..... | 0.0                          | 0                             | .....                                    | 12.2                | 1,162                         | 95.25                                    | 164.5                 | 61,638                        | 374.70                                   |
| VT ..... | 0.0                          | 0                             | .....                                    | 112.5               | 25,381                        | 225.61                                   | 1,155.7               | 847,974                       | 786.84                                   |
| VA ..... | 0.0                          | 0                             | .....                                    | 3,113.4             | 332,617                       | 114.62                                   | 15,225.8              | 15,818,316                    | 1,120.27                                 |
| WA ..... | 0.0                          | 0                             | .....                                    | 48,967.6            | 2,664,932                     | 60.51                                    | 17,333.0              | 18,391,788                    | 1,113.16                                 |
| WV ..... | 0.0                          | 0                             | .....                                    | 13.6                | 1,294                         | 95.15                                    | 1,371.0               | 594,726                       | 513.31                                   |
| WI ..... | 0.0                          | 0                             | .....                                    | 22,175.2            | 1,925,393                     | 108.27                                   | 14,788.5              | 4,056,006                     | 281.57                                   |
| WY ..... | 0.0                          | 0                             | .....                                    | 9.4                 | 1,382                         | 147.02                                   | 3,194.5               | 708,308                       | 221.73                                   |
| US ..... | 14.6                         | 0                             | .....                                    | 922,166.9           | 64,014,835                    | 112.66                                   | 617,202.0             | 145,469,461                   | 449.93                                   |

<sup>1</sup>Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup>Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.

**Table 12-9.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004**  
(CP 23, CP 24 and CP 25)

| State    | CP 23 Wetland restoration |                               |  | CP 24 Cross wind trap strips |                               |  | CP 25 Rare and declining habitat |                               |  |
|----------|---------------------------|-------------------------------|--|------------------------------|-------------------------------|--|----------------------------------|-------------------------------|--|
|          | Total acres treated       | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated          | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated              | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| AL ..... | 89.1                      | 6,304                         | 87.92                                    | 0.0                          | 0                             | .....                                    | 509.8                            | 1,754                         | 55.51                                    |
| AK ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| AZ ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| AR ..... | 16,448.5                  | 765,278                       | 70.53                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| CA ..... | 5,109.4                   | 125,262                       | 24.56                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| CO ..... | 982.4                     | 107,531                       | 109.68                                   | 25.9                         | 19,591                        | 756.41                                   | 172.5                            | 19,793                        | 114.74                                   |
| CT ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| DE ..... | 274.2                     | 212,732                       | 862.31                                   | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| FL ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| GA ..... | 326.7                     | 12,920                        | 88.01                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| HI ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| ID ..... | 1,401.8                   | 46,662                        | 41.55                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| IL ..... | 44,699.8                  | 5,109,725                     | 144.42                                   | 0.0                          | 0                             | .....                                    | 1,662.6                          | 157,320                       | 95.50                                    |
| IN ..... | 6,619.7                   | 547,014                       | 159.85                                   | 0.0                          | 0                             | .....                                    | 27.3                             | 2,593                         | 114.74                                   |
| IA ..... | 25,190.7                  | 2,215,889                     | 137.63                                   | 41.3                         | 2,245                         | 102.98                                   | 39,530.4                         | 4,948,402                     | 137.43                                   |
| KS ..... | 4,208.6                   | 112,465                       | 51.14                                    | 166.3                        | 5,821                         | 45.41                                    | 205,635.0                        | 15,968,682                    | 82.92                                    |
| KY ..... | 34.7                      | 1,749                         | 145.75                                   | 0.0                          | 0                             | .....                                    | 6,470.2                          | 742,391                       | 114.74                                   |
| LA ..... | 30,011.5                  | 966,845                       | 63.27                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| ME ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| MD ..... | 2,169.4                   | 1,340,509                     | 709.83                                   | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| MA ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| MI ..... | 11,409.3                  | 2,523,389                     | 243.97                                   | 0.0                          | 0                             | .....                                    | 27.7                             | 3,178                         | 114.74                                   |
| MN ..... | 325,111.0                 | 20,323,549                    | 71.34                                    | 7.2                          | 838                           | 116.39                                   | 87,880.8                         | 9,807,238                     | 113.37                                   |
| MS ..... | 11,943.3                  | 376,024                       | 65.77                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| MO ..... | 4,314.5                   | 172,487                       | 101.62                                   | 0.0                          | 0                             | .....                                    | 52,844.6                         | 5,195,751                     | 102.38                                   |
| MT ..... | 4,803.1                   | 292,986                       | 72.01                                    | 26.5                         | 110                           | 12.09                                    | 156,320.0                        | 8,138,284                     | 53.68                                    |
| NE ..... | 15,205.3                  | 291,994                       | 29.27                                    | 42.5                         | 66                            | 36.67                                    | 72,106.9                         | 5,508,220                     | 83.96                                    |
| NV ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| NH ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| NJ ..... | 1.0                       | 1,500                         | 1,500.00                                 | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| NM ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| NY ..... | 50.5                      | 10,925                        | 225.26                                   | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| NC ..... | 1,345.9                   | 161,149                       | 131.11                                   | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| ND ..... | 770,143.7                 | 11,326,851                    | 23.80                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| OH ..... | 3,996.5                   | 987,425                       | 334.07                                   | 3.5                          | 1,656                         | 473.14                                   | 0.0                              | 0                             | .....                                    |
| OK ..... | 1,293.9                   | 25,510                        | 37.65                                    | 0.0                          | 0                             | .....                                    | 7,556.9                          | 867,079                       | 114.74                                   |
| OR ..... | 469.8                     | 66,772                        | 287.19                                   | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| PA ..... | 317.5                     | 585,825                       | 1,877.64                                 | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| PR ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| SC ..... | 283.6                     | 4,391                         | 18.86                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| SD ..... | 389,967.1                 | 10,965,831                    | 36.40                                    | 14.8                         | 1,108                         | 75.89                                    | 2,501.2                          | 245,778                       | 102.37                                   |
| TN ..... | 861.8                     | 12,485                        | 44.64                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| TX ..... | 8,791.0                   | 299,940                       | 56.67                                    | 257.4                        | 6,983                         | 37.87                                    | 0.0                              | 0                             | .....                                    |
| UT ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| VT ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| VA ..... | 239.3                     | 194,145                       | 1,048.30                                 | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| WA ..... | 3,506.2                   | 311,289                       | 94.54                                    | 13.6                         | 1,220                         | 89.71                                    | 0.0                              | 0                             | .....                                    |
| WV ..... | 0.0                       | 0                             | .....                                    | 0.0                          | 0                             | .....                                    | 0.0                              | 0                             | .....                                    |
| WI ..... | 12,819.6                  | 1,123,671                     | 147.24                                   | 0.0                          | 0                             | .....                                    | 12,297.5                         | 2,641,528                     | 218.80                                   |
| WY ..... | 0.0                       | 0                             | .....                                    | 16.5                         | 1,764                         | 106.91                                   | 0.0                              | 0                             | .....                                    |
| US ....  | 1,704,440.4               | 61,629,023                    | 261.25                                   | 615.5                        | 41,402                        | 168.50                                   | 645,543.4                        | 54,247,992                    | 107.97                                   |

<sup>1</sup>Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup>Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.

**Table 12-10.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004 (CP 26, CP 27 and CP 28)**

| State    | CP 26 Living snow fences |                               |  | CP 27 Salt tolerant grasses |                               |  | CP 28 Alley cropping |                               |  |
|----------|--------------------------|-------------------------------|--|-----------------------------|-------------------------------|--|----------------------|-------------------------------|--|
|          | Total acres treated      | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated         | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated  | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| AL ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| AK ..... | 0.0                      | 0                             | .....                                    | 8.7                         | 2,314                         | 265.98                                   | 25.9                 | 2,473                         | 95.48                                    |
| AZ ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| AR ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| CA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| CO ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| CT ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| DE ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| FL ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| GA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| HI ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| ID ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| IL ..... | 0.0                      | 0                             | .....                                    | 1.0                         | 94                            | 94.00                                    | 0.5                  | 47                            | 94.00                                    |
| IN ..... | 0.0                      | 0                             | .....                                    | 3.0                         | 250                           | 83.33                                    | 0.4                  | 50                            | 125.00                                   |
| IA ..... | 0.0                      | 0                             | .....                                    | 13,759.8                    | 3,228,823                     | 262.57                                   | 35,445.2             | 2,649,883                     | 81.42                                    |
| KS ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| KY ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| LA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| ME ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MD ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MI ..... | 4.8                      | 8,467                         | 1,763.96                                 | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MN ..... | 0.0                      | 0                             | .....                                    | 7,021.5                     | 966,769                       | 152.99                                   | 16,970.5             | 1,610,901                     | 100.98                                   |
| MS ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MO ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MT ..... | 0.0                      | 0                             | .....                                    | 39.1                        | 215                           | 25.29                                    | 69.6                 | 2,253                         | 32.37                                    |
| NE ..... | 0.0                      | 0                             | .....                                    | 1,070.0                     | 63,203                        | 200.90                                   | 1,900.8              | 119,693                       | 69.38                                    |
| NV ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NH ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NJ ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NM ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NY ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NC ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| ND ..... | 0.0                      | 0                             | .....                                    | 2,461.1                     | 129,464                       | 66.94                                    | 6,859.3              | 387,937                       | 58.61                                    |
| OH ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| OK ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| OR ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| PA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| PR ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| SC ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| SD ..... | 0.0                      | 0                             | .....                                    | 4,474.9                     | 190,236                       | 83.70                                    | 10,219.4             | 619,604                       | 72.64                                    |
| TN ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| TX ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| UT ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| VT ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| VA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| WA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| WV ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| WI ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| WY ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| US ..... | 4.8                      | 8,467                         | 1,763.96                                 | 28,839.1                    | 4,581,368                     | 137.30                                   | 71,491.6             | 5,392,841                     | 81.10                                    |

<sup>1</sup>Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup>Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.



**Table 12-11.—Conservation Reserve Program (CRP): Enrollment by practice, under contract, January 2004**  
(CP 29, CP 30 and CP 31)

| State    | CP 29 Living snow fences |                               |  | CP 30 Salt tolerant grasses |                               |  | CP 31 Alley cropping |                               |  |
|----------|--------------------------|-------------------------------|--|-----------------------------|-------------------------------|--|----------------------|-------------------------------|--|
|          | Total acres treated      | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated         | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> | Total acres treated  | Total cost share <sup>1</sup> | Cost share per acre treated <sup>2</sup> |
| AL ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| AK ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| AZ ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| AR ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 12.9                 | 1,984                         | 153.80                                   |
| CA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| CO ..... | 65.1                     | 34,689                        | 573.37                                   | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| CT ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| DE ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| FL ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| GA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| HI ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| ID ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| IL ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| IN ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| IA ..... | 1,779.3                  | 604,810                       | 428.40                                   | 317.1                       | 2,057                         | 28.77                                    | 0.0                  | 0                             | .....                                    |
| KS ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| KY ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| LA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| ME ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MD ..... | 4.2                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MI ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MN ..... | 470.5                    | 30,720                        | 96.33                                    | 1,981.3                     | 101,923                       | 132.38                                   | 0.0                  | 0                             | .....                                    |
| MS ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MO ..... | 36.9                     | 19,272                        | 640.27                                   | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| MT ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NE ..... | 112.1                    | 28,306                        | 252.51                                   | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NV ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NH ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NJ ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NM ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NY ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| NC ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| ND ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| OH ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| OK ..... | 6.2                      | 4,324                         | 697.42                                   | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| OR ..... | 3,005.1                  | 80,799                        | 32.67                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| PA ..... | 0.5                      | 3,774                         | 7,548.00                                 | 3.1                         | 9,078                         | 2,928.39                                 | 0.0                  | 0                             | .....                                    |
| PR ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| SC ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| SD ..... | 145.9                    | 1,259                         | 10.95                                    | 1,812.9                     | 22,306                        | 35.76                                    | 0.0                  | 0                             | .....                                    |
| TN ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| TX ..... | 176.5                    | 9,441                         | 83.55                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| UT ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| VT ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| VA ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| WA ..... | 142.2                    | 107,137                       | 753.42                                   | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| WV ..... | 0.0                      | 0                             | .....                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| WI ..... | 10.8                     | 979                           | 90.65                                    | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| WY ..... | 181.7                    | 24,645                        | 135.64                                   | 0.0                         | 0                             | .....                                    | 0.0                  | 0                             | .....                                    |
| US ..... | 6,137.0                  | 950,155                       | 872.55                                   | 4,114.4                     | 135,364                       | 781.33                                   | 12.9                 | 1,984                         | 153.80                                   |

<sup>1</sup> Cost shares were estimated for Signup 26 conservation practices. <sup>2</sup> Not including acres which receive no cost share. Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.

**Table 12-12.—Emergency Conservation Program: Assistance, by State and Caribbean area, fiscal years 1994–2003<sup>1</sup>**

| Year       | Emergency Conservation Program |        |
|------------|--------------------------------|--------|
|            | <i>1,000 dollars</i>           |        |
| 1994 ..... |                                | 35,825 |
| 1995 ..... |                                | 27,348 |
| 1996 ..... |                                | 26,867 |
| 1997 ..... |                                | 30,847 |
| 1998 ..... |                                | 20,533 |
| 1999 ..... |                                | 40,226 |
| 2000 ..... |                                | 97,970 |
| 2001 ..... |                                | 55,246 |
| 2002 ..... |                                | 32,601 |
| 2003 ..... |                                | 37,548 |

<sup>1</sup> Totals are from unrounded data.

FSA, Conservation and Environmental Protection Division, (202) 720-6675.

**Table 12-13.—Forestry Incentives Program: Practices performed, by States and Caribbean area, 2002 and 2003 fiscal year and cumulative 1975–2003<sup>1 2</sup>**

| State    | 2002           |                                     |  | 2003           |                                     |                                    | Cumulative 1975–2003 |                                   |                                      |
|----------|----------------|-------------------------------------|--|----------------|-------------------------------------|------------------------------------|----------------------|-----------------------------------|--------------------------------------|
|          | Planting trees | Improv- ing a stand of forest trees | Site prep for nat- ural re- genera- tion | Planting trees | Improv- ing a stand of forest trees | Site prep for natural regeneration | Planting trees       | Improving a stand of forest trees | Site prep for natural re- generation |
|          | Acres          | Acres                               | Acres                                    | Acres          | Acres                               | Acres                              | Acres                | Acres                             | Acres                                |
| AL ..... | 6,951          | 1,325                               | 50                                       | 7,797          | 2,768                               | 5,069                              | 389,116              | 40,649                            | 6,568                                |
| AK ..... | 142            | 0                                   | 0  | 182            | 44                                  | 88                                 | 517                  | 88                                | 8,795                                |
| AZ ..... | 0              | 0                                   | 0  | 0              | 0                                   | 0                                  | 13                   | 1,807                             | 0                                    |
| AR ..... | 6,940          | 258                                 | 0  | 4,070          | 437                                 | 0                                  | 268,952              | 113,486                           | 607                                  |
| CA ..... | 155            | 32                                  | 0  | 195            | 103                                 | 0                                  | 10,926               | 12,480                            | 326                                  |
| CO ..... | 10             | 0                                   | 0  | 0              | 43                                  | 0                                  | 407                  | 174                               | 10                                   |
| CT ..... | 0              | 10                                  | 0  | 0              | 0                                   | 0                                  | 12                   | 7,864                             | 0                                    |
| DE ..... | 730            | 0                                   | 0  | 0              | 0                                   | 0                                  | 12,854               | 4,296                             | 1,297                                |
| FL ..... | 7,455          | 0                                   | 0  | 6,905          | 235                                 | 6,299                              | 366,148              | 595                               | 6,532                                |
| GA ..... | 10,019         | 0                                   | 0  | 6,022          | 0                                   | 0                                  | 413,515              | 27,584                            | 1,481                                |
| HI ..... | 2              | 0                                   | 0  | 0              | 0                                   | 0                                  | 274                  | 0                                 | 0                                    |
| ID ..... | 260            | 33                                  | 0  | 28             | 0                                   | 10                                 | 3,497                | 4,164                             | 42                                   |
| IL ..... | 0              | 341                                 | 0  | 0              | 359                                 | 0                                  | 133                  | 42,431                            | 397                                  |
| IN ..... | 96             | 1,098                               | 0  | 97             | 927                                 | 0                                  | 4,448                | 91,565                            | 960                                  |
| IA ..... | 0              | 429                                 | 0  | 0              | 364                                 | 0                                  | 3,461                | 11,210                            | 31                                   |
| KS ..... | 4              | 77                                  | 0  | 4              | 65                                  | 0                                  | 465                  | 5,495                             | 0                                    |
| KY ..... | 20             | 550                                 | 5  | 0              | 145                                 | 23                                 | 5,567                | 59,600                            | 2,009                                |
| LA ..... | 5,277          | 406                                 | 0  | 5,411          | 133                                 | 91                                 | 249,685              | 48,420                            | 6,531                                |
| ME ..... | 0              | 105                                 | 0  | 0              | 165                                 | 0                                  | 6,878                | 21,907                            | 10                                   |
| MD ..... | 1,773          | 0                                   | 0  | 2,082          | 687                                 | 94                                 | 40,207               | 19,466                            | 215                                  |
| MA ..... | 0              | 480                                 | 24                                       | 0              | 63                                  | 0                                  | 703                  | 38,837                            | 244                                  |
| MI ..... | 283            | 65                                  | 0  | 131            | 28                                  | 0                                  | 31,568               | 38,666                            | 25                                   |
| MN ..... | 278            | 0                                   | 100                                      | 182            | 135                                 | 4                                  | 19,009               | 14,176                            | 1,885                                |
| MS ..... | 13,697         | 0                                   | 0  | 2,591          | 450                                 | 6,771                              | 436,998              | 32,182                            | 7,016                                |
| MO ..... | 30             | 333                                 | 6  | 0              | 267                                 | 0                                  | 12,275               | 86,843                            | 398                                  |
| MT ..... | 0              | 94                                  | 0  | 5              | 43                                  | 5                                  | 346                  | 5,773                             | 122                                  |
| NE ..... | 7              | 54                                  | 0  | 0              | 77                                  | 0                                  | 576                  | 319                               | 0                                    |
| NV ..... | 0              | 0                                   | 0  | 0              | 0                                   | 0                                  | 526                  | 273                               | 0                                    |
| NH ..... | 39             | 389                                 | 5  | 0              | 124                                 | 90                                 | 315                  | 32,475                            | 1,647                                |
| NJ ..... | 135            | 16                                  | 0  | 0              | 135                                 | 16                                 | 15                   | 12,483                            | 36                                   |
| NM ..... | 0              | 0                                   | 0  | 0              | 0                                   | 0                                  | 65                   | 7,341                             | 0                                    |
| NY ..... | 21             | 390                                 | 0  | 24             | 283                                 | 10                                 | 136                  | 69,080                            | 152                                  |
| NC ..... | 3,731          | 3,540                               | 0  | 3,731          | 3,540                               | 1,042                              | 394,528              | 40,383                            | 2,350                                |
| ND ..... | 0              | 0                                   | 0  | 0              | 0                                   | 0                                  | 207                  | 141                               | 0                                    |
| OH ..... | 96             | 40                                  | 0  | 72             | 174                                 | 0                                  | 16,099               | 90,504                            | 2,125                                |
| OK ..... | 924            | 260                                 | 0  | 208            | 138                                 | 0                                  | 27,443               | 37,350                            | 618                                  |
| OR ..... | 940            | 1,141                               | 0  | 302            | 1,438                               | 0                                  | 65,714               | 41,059                            | 0                                    |
| PA ..... | 167            | 370                                 | 0  | 216            | 480                                 | 80                                 | 6,413                | 41,938                            | 431                                  |
| PR ..... | 44             | 0                                   | 0  | 0              | 0                                   | 0                                  | 1,572                | 10                                | 0                                    |
| RI ..... | 0              | 0                                   | 3  | 0              | 0                                   | 3                                  | 1,153                | 2,653                             | 16                                   |
| SC ..... | 10,473         | 1,352                               | 0  | 11,998         | 3,570                               | 9,317                              | 372,785              | 34,752                            | 19,670                               |
| SD ..... | 0              | 116                                 | 0  | 0              | 65                                  | 0                                  | 29                   | 6,013                             | 28                                   |
| TN ..... | 0              | 432                                 | 0  | 360            | 635                                 | 26                                 | 36,333               | 18,279                            | 451                                  |
| TX ..... | 5,722          | 0                                   | 0  | 10,822         | 6,587                               | 7,185                              | 267,505              | 65,947                            | 8,428                                |
| UT ..... | 0              | 0                                   | 0  | 0              | 0                                   | 0                                  | 0                    | 12                                | 0                                    |
| VT ..... | 10             | 343                                 | 0  | 0              | 123                                 | 2                                  | 491                  | 23,512                            | 282                                  |
| VA ..... | 8,740          | 1,330                               | 0  | 10,244         | 2,487                               | 1,888                              | 460,522              | 69,514                            | 2,470                                |
| WA ..... | 660            | 1,517                               | 0  | 412            | 1,288                               | 0                                  | 52,148               | 25,929                            | 20                                   |
| WV ..... | 141            | 749                                 | 0  | 23             | 775                                 | 0                                  | 7,317                | 102,667                           | 20                                   |
| WI ..... | 925            | 290                                 | 72                                       | 897            | 4                                   | 0                                  | 39,817               | 36,244                            | 5,133                                |
| WY ..... | 0              | 407                                 | 0  | 0              | 308                                 | 0                                  | 4                    | 22,324                            | 0                                    |
| Total    | 47,063         | 13,228                              | 186                                      | 75,011         | 29,692                              | 38,113                             | 4,029,687            | 1,510,960                         | 89,378                               |

<sup>1</sup>In 1974, the program was part of the Rural Environmental Conservation Program (now called the Agricultural Conservation Program). Data for the program year were published in the 1974 Rural Environmental Conservation Program Summary. In 1975 it became a separately funded program. <sup>2</sup>On May 13, 2002, the 2002 Farm Bill de-authorized the program, which was originally authorized in 1978. Funds remaining on May 13, 2002, will be exhausted through FIP closeout, primarily funding the existing contractual backlog.

**Table 12-14.—Forestry Incentives Program: Participation and assistance, by States and Caribbean area, 2002 and 2003 fiscal years**

| State       | 2002                   |              |                 | 2003                   |              |                 |
|-------------|------------------------|--------------|-----------------|------------------------|--------------|-----------------|
|             | Number of participants | Area served  | Cost share paid | Number of participants | Area served  | Cost share paid |
|             | <i>Number</i>          | <i>Acres</i> | <i>Dollars</i>  | <i>Number</i>          | <i>Acres</i> | <i>Dollars</i>  |
| AL .....    | 312                    | 8,326        | 521,449         | 156                    | 15,634       | 499,338         |
| AK .....    | 12                     | 142          | 53,202          | 26                     | 314          | 103,157         |
| AZ .....    | 0                      | 0            | 0               | 0                      | 0            | 0               |
| AR .....    | 131                    | 7,198        | 407,607         | 117                    | 4,507        | 215,854         |
| CA .....    | 16                     | 187          | 46,675          | 12                     | 298          | 50,590          |
| CO .....    | 1                      | 10           | 4,300           | 4                      | 43           | 7,802           |
| CT .....    | 1                      | 10           | 750             | 0                      | 0            | 0               |
| DE .....    | 14                     | 730          | 34,800          | 0                      | 0            | 0               |
| FL .....    | 161                    | 7,455        | 453,225         | 187                    | 13,439       | 484,457         |
| GA .....    | 442                    | 10,019       | 611,745         | 228                    | 6,022        | 506,402         |
| HI .....    | 1                      | 2            | 1,354           | 0                      | 0            | 0               |
| ID .....    | 21                     | 293          | 37,070          | 10                     | 38           | 14,725          |
| IL .....    | 12                     | 341          | 13,039          | 16                     | 359          | 34,027          |
| IN .....    | 21                     | 1,194        | 51,500          | 1                      | 1,024        | 2,400           |
| IA .....    | 12                     | 429          | 17,795          | 7                      | 364          | 23,647          |
| KS .....    | 6                      | 81           | 5,754           | 9                      | 69           | 8,046           |
| KY .....    | 13                     | 575          | 16,936          | 7                      | 168          | 5,562           |
| LA .....    | 153                    | 5,683        | 351,975         | 2                      | 5,635        | 5,049           |
| ME .....    | 31                     | 105          | 26,390          | 17                     | 165          | 3,546           |
| MD .....    | 59                     | 1,773        | 72,332          | 59                     | 2,863        | 72,322          |
| MA .....    | 11                     | 504          | 14,492          | 11                     | 63           | 14,492          |
| MI .....    | 21                     | 348          | 29,112          | 12                     | 159          | 18,096          |
| MN .....    | 17                     | 378          | 41,187          | 1                      | 321          | 2,500           |
| MS .....    | 453                    | 13,697       | 282,257         | 489                    | 9,812        | 776,503         |
| MO .....    | 18                     | 369          | 18,027          | 9                      | 267          | 7,123           |
| MT .....    | 4                      | 94           | 9,119           | 2                      | 53           | 5,936           |
| NE .....    | 8                      | 61           | 5,828           | 1                      | 77           | 3,646           |
| NV .....    | 0                      | 0            | 0               | 0                      | 0            | 0               |
| NH .....    | 29                     | 433          | 39,288          | 14                     | 214          | 12,055          |
| NJ .....    | 5                      | 151          | 8,105           | 1                      | 151          | 3,928           |
| NM .....    | 0                      | 0            | 0               | 0                      | 0            | 0               |
| NY .....    | 39                     | 411          | 35,933          | 47                     | 317          | 35,725          |
| NC .....    | 184                    | 7,271        | 335,813         | 254                    | 8,313        | 481,946         |
| ND .....    | 0                      | 0            | 0               | 0                      | 0            | 0               |
| OH .....    | 11                     | 136          | 13,460          | 26                     | 246          | 30,066          |
| OK .....    | 18                     | 1,184        | 57,617          | 5                      | 346          | 16,418          |
| OR .....    | 82                     | 2,081        | 225,455         | 56                     | 1,740        | 189,256         |
| PA .....    | 46                     | 537          | 34,926          | 40                     | 776          | 34,716          |
| PR .....    | 3                      | 44           | 16,560          | 0                      | 0            | 0               |
| RI .....    | 2                      | 3            | 975             | 2                      | 3            | 3,425           |
| SC .....    | 352                    | 11,825       | 758,454         | 215                    | 24,885       | 415,370         |
| SD .....    | 7                      | 116          | 9,860           | 4                      | 65           | 5,721           |
| TN .....    | 5                      | 432          | 17,389          | 48                     | 1,021        | 251,305         |
| TX .....    | 264                    | 5,722        | 557,593         | 264                    | 24,594       | 557,593         |
| UT .....    | 0                      | 0            | 0               | 0                      | 0            | 0               |
| VT .....    | 25                     | 353          | 22,735          | 11                     | 125          | 6,325           |
| VA .....    | 222                    | 10,070       | 244,747         | 366                    | 14,619       | 531,802         |
| WA .....    | 122                    | 2,177        | 263,442         | 221                    | 1,700        | 25,487          |
| WV .....    | 43                     | 890          | 33,666          | 43                     | 798          | 24,900          |
| WI .....    | 76                     | 1,287        | 135,794         | 52                     | 901          | 80,305          |
| WY .....    | 9                      | 407          | 27,905          | 8                      | 308          | 16,012          |
| Total ..... | 3,495                  | 105,534      | 5,967,637       | 3,060                  | 142,816      | 5,587,575       |

NRCS, Conservation Operations Division (202)720-1845.

**Table 12-15.—Interim EQIP/GPCP<sup>1</sup>: Status of cost-share contracts, by States, year ending Sept. 30, 2002<sup>2</sup>**

| State       | Designated counties | Active land treatment contracts in operation |                    |
|-------------|---------------------|--|--------------------|
|             |                     | 2002   | 2003               |
|             | <i>Number</i>       | <i>Number</i>                                | <i>1,000 acres</i> |
| CO .....    | 38                  | 91   | 391.2              |
| KS .....    | 62                  | 21   | 16.0               |
| MT .....    | 46                  | 21   | 246.0              |
| NE .....    | 65                  | 8  | 26.0               |
| NM .....    | 27                  | 15   | 380.9              |
| ND .....    | 48                  | 63   | 134.2              |
| OK .....    | 44                  | 26   | 17.8               |
| SD .....    | 51                  | 24   | 92.4               |
| TX .....    | 156                 | 92   | 293.3              |
| WY .....    | 19                  | 19   | 166.7              |
| Total ..... | 556                 | 380  | 1,764.5            |

<sup>1</sup> EQIP -- Environmental Quality Incentives Program; GPCP -- Great Plains Conservation Program. <sup>2</sup> As authorized by the Act of Congress April 4, 1996, (Public Law 127, 104th Congress).  
 NRCS, Conservation Operations Division, (202) 720-1845.

**Table 12-16.—Great Plains Conservation Program: Status of cost-share contracts, by States, year ending Sept. 30, 2002<sup>1</sup>**

| State       | Designated counties | Active land treatment contracts in operation |                    |
|-------------|---------------------|--|--------------------|
|             |                     | 2002   | 2002               |
|             | <i>Number</i>       | <i>Number</i>                                | <i>1,000 acres</i> |
| CO .....    | 38                  | 58   | 343.0              |
| KS .....    | 62                  | 13   | 8.8                |
| MT .....    | 46                  | 19   | 171.4              |
| NE .....    | 65                  | 91   | 242.4              |
| NM .....    | 27                  | 21   | 252.0              |
| ND .....    | 48                  | 49   | 136.3              |
| OK .....    | 44                  | 56   | 38.4               |
| SD .....    | 51                  | 42   | 158.8              |
| TX .....    | 156                 | 33   | 64.6               |
| WY .....    | 19                  | 13   | 152.0              |
| Total ..... | 556                 | 395  | 1,567.7            |

<sup>1</sup> As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).  
 NRCS, Conservation Operations Division, (202) 720-1845.

**Table 12-17.—Small watershed protection and flood prevention projects: Accomplishments for years ending Sept. 30, 1993-97**

| Item   | Unit of measure | 1993   | 1994   | 1995   | 1996   | 1997  |
|--|-----------------|--------|--------|--------|--------|-------|
| <b>Small watershed protection:<sup>1</sup></b> |                 |        |        |        |        |       |
| Land treatment: <sup>2</sup>                   |                 |        |        |        |        |       |
| Forest land .....                              | Acres .....     | 38,322 | 16,806 | 1,905  | 2,193  | 8,402 |
| Cropland .....                                 | .....do .....   | 501    | 626    | 0      | 1,160  | 741   |
| Pastureland .....                              | .....do .....   | 170    | 28     | 7,284  | 45     | 88    |
| Total land treatment .....                     | .....do .....   | 38,993 | 17,460 | 9,189  | 3,398  | 9,233 |
| Land owners assisted .....                     | Number .....    | 3,534  | 1,483  | 1,465  | 1,348  | 1,186 |
| <b>Flood prevention:<sup>3</sup></b>           |                 |        |        |        |        |       |
| Land treatment: <sup>2</sup>                   |                 |        |        |        |        |       |
| Forest land .....                              | Acres .....     | 2,196  | 6,335  | 63,028 | 8,682  | 6,541 |
| Cropland .....                                 | .....do .....   | .....  | .....  | 575    | 1,668  | 20    |
| Pastureland .....                              | .....do .....   | .....  | 40     | 83     | 92     | 78    |
| Total land treatment .....                     | .....do .....   | 2,196  | 6,375  | 63,686 | 10,442 | 6,639 |
| Land owners assisted .....                     | Number .....    | 1,452  | 1,528  | 2,461  | 2,265  | 1,183 |

<sup>1</sup> As authorized by the Watershed Protection and Flood Prevention Act of 1954 (Public Law 83-566), as amended. Accomplishments are limited to activities accomplished solely by small watershed protection program funds. <sup>2</sup> Reported in land use categories consistent with those reported by the National Resources Conservation Service. <sup>3</sup> As authorized by the Navigation and Flood Control Act of 1944 (Public Law 78-534), as amended. Accomplishments are limited to activities accomplished solely by small watershed protection program funds.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-18.—Tree planting: Acres seeded and acres of tree planting, in States and Territories, fiscal year 2002**

| State or other area      | Total     | Federal lands |                        |                    | Non-federal public <sup>1</sup> lands | Private <sup>2</sup> lands |
|--------------------------|-----------|---------------|------------------------|--------------------|---------------------------------------|----------------------------|
|                          |           | Total         | National Forest System | Other <sup>3</sup> |                                       |                            |
|                          | Acres     | Acres         | Acres                  | Acres              | Acres                                 | Acres                      |
| AL .....                 | 69,725    | 1,691         | 986                    | 705                | 30                                    | 68,004                     |
| AK .....                 | 2,086     | 333           | 329                    | 4                  | 534                                   | 1,219                      |
| AZ .....                 | 342       | 56            | 56                     | 0                  | 0                                     | 286                        |
| AR .....                 | 25,768    | 1,919         | 1,919                  | 0                  | 5,696                                 | 18,153                     |
| CA .....                 | 17,396    | 15,667        | 15,649                 | 18                 | 0                                     | 1,729                      |
| CO .....                 | 4,493     | 774           | 773                    | 1                  | 0                                     | 3,719                      |
| CT .....                 | 88        | 4             | 0                      | 4                  | 8                                     | 76                         |
| DE .....                 | 1,772     | 0             | 0                      | 0                  | 45                                    | 1,727                      |
| FL .....                 | 88,665    | 7,895         | 4,374                  | 3,521              | 5,791                                 | 74,979                     |
| GA .....                 | 193,905   | 2,371         | 266                    | 2,105              | 446                                   | 191,088                    |
| HI .....                 | 1,379     | 0             | 0                      | 0                  | 14                                    | 1,365                      |
| ID .....                 | 18,224    | 11,464        | 11,464                 | 0                  | 3,496                                 | 3,264                      |
| IL .....                 | 69,625    | 1,525         | 1,525                  | 0                  | 100                                   | 68,000                     |
| IN .....                 | 8,096     | 97            | 42                     | 55                 | 143                                   | 7,856                      |
| IA .....                 | 13,387    | 0             | 0                      | 0                  | 127                                   | 13,260                     |
| KS .....                 | 1,863     | 7             | 0                      | 7                  | 0                                     | 1,856                      |
| KY .....                 | 5,406     | 39            | 36                     | 3                  | 50                                    | 5,317                      |
| LA .....                 | 117,608   | 953           | 908                    | 45                 | 11,224                                | 105,431                    |
| ME .....                 | 236       | 0             | 0                      | 0                  | 126                                   | 110                        |
| MD .....                 | 20,849    | 3             | 0                      | 3                  | 136                                   | 20,710                     |
| MA .....                 | 20        | 0             | 0                      | 0                  | 0                                     | 20                         |
| MI .....                 | 6,772     | 3,844         | 3,812                  | 32                 | 2,499                                 | 429                        |
| MN .....                 | 24,704    | 3,472         | 3,472                  | 0                  | 9,750                                 | 11,482                     |
| MS .....                 | 222,401   | 3,179         | 3,036                  | 143                | 1,896                                 | 217,326                    |
| MO .....                 | 15,357    | 267           | 231                    | 36                 | 1,052                                 | 14,038                     |
| MT .....                 | 9,386     | 8,651         | 8,651                  | 0                  | 735                                   | 0                          |
| NE .....                 | 584       | 0             | 0                      | 0                  | 0                                     | 584                        |
| NV .....                 | 346       | 40            | 40                     | 0                  | 104                                   | 202                        |
| NH .....                 | 74        | 0             | 0                      | 0                  | 15                                    | 59                         |
| NJ .....                 | 1,086     | 1             | 0                      | 1                  | 25                                    | 1,060                      |
| NM .....                 | 1,262     | 135           | 135                    | 0                  | 0                                     | 1,127                      |
| NY .....                 | 4,136     | 0             | 0                      | 0                  | 1,848                                 | 2,288                      |
| NC .....                 | 85,049    | 1,293         | 467                    | 826                | 440                                   | 83,316                     |
| ND .....                 | 16,719    | 13            | 0                      | 13                 | 13                                    | 16,693                     |
| OH .....                 | 1,962     | 138           | 138                    | 0                  | 73                                    | 1,751                      |
| OK .....                 | 7,875     | 25            | 0                      | 25                 | 120                                   | 7,730                      |
| OR .....                 | 38,638    | 13,914        | 13,914                 | 0                  | 4,694                                 | 20,030                     |
| PA .....                 | 2,214     | 153           | 153                    | 0                  | 1,279                                 | 782                        |
| RI .....                 | 0         | 0             | 0                      | 0                  | 0                                     | 0                          |
| SC .....                 | 77,056    | 1,116         | 83                     | 1,033              | 2,455                                 | 73,485                     |
| SD .....                 | 10,301    | 0             | 0                      | 0                  | 68                                    | 10,233                     |
| TN .....                 | 5,920     | 543           | 444                    | 99                 | 613                                   | 4,764                      |
| TX .....                 | 40,474    | 493           | 183                    | 310                | 840                                   | 39,141                     |
| UT .....                 | 2,951     | 1,871         | 1,277                  | 594                | 0                                     | 1,080                      |
| VT .....                 | 263       | 43            | 40                     | 3                  | 0                                     | 220                        |
| VA .....                 | 67,518    | 193           | 54                     | 139                | 246                                   | 67,079                     |
| WA .....                 | 45,771    | 7,974         | 7,637                  | 337                | 13,227                                | 24,570                     |
| WV .....                 | 1,755     | 0             | 0                      | 0                  | 15                                    | 1,740                      |
| WI .....                 | 17,529    | 1,435         | 1,410                  | 25                 | 1,208                                 | 14,886                     |
| WY .....                 | 1,308     | 457           | 457                    | 0                  | 0                                     | 851                        |
| State totals .....       | 1,370,344 | 94,048        | 83,961                 | 10,087             | 71,181                                | 1,205,115                  |
| PR .....                 | 5,283     | 0             | 0                      | 0                  | 0                                     | 5,283                      |
| Other <sup>4</sup> ..... | 158       | 0             | 0                      | 0                  | 53                                    | 105                        |
| Total .....              | 1,375,785 | 94,048        | 83,961                 | 10,087             | 71,234                                | 1,210,503                  |

<sup>1</sup> State forest, other State, and other public agencies lands. <sup>2</sup> Forest industry, other industry, and nonindustrial lands. <sup>3</sup> U.S. Department of Interior and Indian Reservations, and other federal lands. <sup>4</sup> Guam and the Trust Territories of the Pacific Islands.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-19.—Forest land: Total forest land and area and ownership of timberland, by regions, Jan. 1, 2002<sup>1</sup>**

| Region                               | Total forest land <sup>2</sup> | Timberland <sup>3</sup> |                    |                    |                    |                              |                    |                    |                                       |
|--------------------------------------|--------------------------------|-------------------------|--------------------|--------------------|--------------------|------------------------------|--------------------|--------------------|---------------------------------------|
|                                      |                                | All owner-ships         | Federal            |                    |                    | State, county, and municipal | Private            |                    |                                       |
|                                      |                                |                         | Total              | National forest    | Other              |                              | Total              | Forest industry    | Farmer and other private <sup>4</sup> |
|                                      | <i>1,000 acres</i>             | <i>1,000 acres</i>      | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i>           | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i>                    |
| Northeast .....                      | 85,031                         | 85,834                  | 10,085             | 2,164              | 7,921              | 7,464                        | 68,285             | 10,855             | 57,430                                |
| North Central .....                  | 84,653                         | 94,164                  | 22,462             | 7,676              | 14,786             | 13,821                       | 57,881             | 3,793              | 54,088                                |
| North .....                          | 169,684                        | 179,998                 | 32,547             | 9,840              | 22,707             | 21,285                       | 126,166            | 14,648             | 111,518                               |
| Southeast .....                      | 88,561                         | 87,429                  | 9,609              | 4,710              | 4,899              | 2,655                        | 75,165             | 14,180             | 60,985                                |
| South Central .....                  | 126,044                        | 120,622                 | 11,618             | 6,536              | 5,082              | 2,723                        | 106,281            | 21,735             | 84,546                                |
| South .....                          | 214,605                        | 208,051                 | 21,227             | 11,246             | 9,981              | 5,378                        | 181,446            | 35,915             | 145,531                               |
| Great Plains .....                   | 4,783                          | 4,521                   | 1,277              | 1,020              | 257                | 180                          | 3,064              | 0                  | 3,064                                 |
| Intermountain .....                  | 139,560                        | 68,946                  | 48,991             | 42,939             | 6,052              | 2,659                        | 17,296             | 2,926              | 14,370                                |
| Rocky Mountains .....                | 144,343                        | 73,467                  | 50,268             | 43,959             | 6,309              | 2,839                        | 20,360             | 2,926              | 17,434                                |
| Alaska .....                         | 126,869                        | 16,209                  | 9,094              | 3,772              | 5,322              | 4,344                        | 2,771              | 0                  | 2,771                                 |
| Pacific Northwest .....              | 51,441                         | 44,386                  | 23,505             | 17,911             | 5,594              | 3,207                        | 17,674             | 9,174              | 8,500                                 |
| Pacific Southwest <sup>5</sup> ..... | 41,981                         | 18,987                  | 10,637             | 9,916              | 721                | 506                          | 7,844              | 2,932              | 4,912                                 |
| Pacific Coast .....                  | 220,291                        | 79,582                  | 43,236             | 31,599             | 11,637             | 8,057                        | 28,289             | 12,106             | 16,183                                |
| All regions .....                    | 748,923                        | 541,098                 | 147,278            | 96,644             | 50,634             | 37,559                       | 356,261            | 65,595             | 290,666                               |

<sup>1</sup>Data may not add to totals because of rounding. <sup>2</sup>Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and nonforested lands that are at least 10 percent stocked with forest trees, and forest areas adjacent to urban and built-up lands. Also included are pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if less than 120 feet in width. <sup>3</sup>Timberland is forest land that is producing or is capable of producing crops of industrial wood and that is not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as timberland have the capability of producing more than 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included. <sup>4</sup>Includes Indian lands. <sup>5</sup>Includes Hawaii.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-20.—Timber volume: Net volume of growing stock and sawtimber on timberland, by softwoods and hardwoods, and regions, Jan. 1, 2002<sup>1</sup>**

| Region                               | Growing stock <sup>2</sup> |                           |                           | Sawtimber <sup>3</sup>    |                           |                           |
|--------------------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                                      | All species                | Softwoods                 | Hardwoods                 | All species               | Softwoods                 | Hardwoods                 |
|                                      | <i>Million cubic feet</i>  | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million board feet</i> | <i>Million board feet</i> | <i>Million board feet</i> |
| Northeast .....                      | 123,667                    | 31,476                    | 92,191                    | 333,627                   | 94,203                    | 239,424                   |
| North Central .....                  | 93,957                     | 18,402                    | 75,555                    | 264,218                   | 55,054                    | 209,164                   |
| North .....                          | 217,624                    | 49,878                    | 167,746                   | 597,845                   | 149,257                   | 448,588                   |
| Southeast .....                      | 124,002                    | 52,758                    | 71,244                    | 396,131                   | 177,171                   | 218,960                   |
| South Central .....                  | 143,963                    | 55,260                    | 88,703                    | 498,656                   | 222,763                   | 275,893                   |
| South .....                          | 267,965                    | 108,018                   | 159,947                   | 894,787                   | 399,934                   | 494,853                   |
| Great Plains .....                   | 4,260                      | 1,880                     | 2,380                     | 15,210                    | 6,925                     | 8,285                     |
| Intermountain .....                  | 127,399                    | 118,957                   | 8,442                     | 501,147                   | 484,967                   | 16,180                    |
| Rocky Mountains .....                | 131,659                    | 120,837                   | 10,822                    | 516,357                   | 491,892                   | 24,465                    |
| Alaska .....                         | 31,997                     | 29,124                    | 2,873                     | 146,117                   | 141,506                   | 4,611                     |
| Pacific Northwest .....              | 148,635                    | 135,591                   | 13,044                    | 842,513                   | 795,370                   | 47,143                    |
| Pacific Southwest <sup>4</sup> ..... | 58,181                     | 48,355                    | 9,826                     | 319,246                   | 291,670                   | 27,576                    |
| Pacific Coast .....                  | 238,813                    | 213,070                   | 25,743                    | 1,307,876                 | 1,228,546                 | 79,330                    |
| All regions .....                    | 856,061                    | 491,803                   | 364,258                   | 3,316,865                 | 2,269,629                 | 1,047,236                 |

<sup>1</sup>Data may not add to totals because of rounding. <sup>2</sup>Live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. Includes only trees 5.0-inches diameter or larger at 4½ feet above ground. <sup>3</sup>Live trees of commercial species containing at least one 12-foot sawlog or two noncontiguous 8-foot logs, and meeting regional specifications for freedom from defect. Softwood trees must be at least 9.0-inches diameter and hardwood trees must be at least 11.0-inches diameter at 4½ feet above ground. <sup>4</sup>Includes Hawaii.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-21.—Timber removals: Roundwood product output, logging residues and other removals from growing stock and other sources, by softwoods and hardwoods, 2002<sup>1</sup>**

| Roundwood products, logging residues, and other removals | All sources               |                           |                           | Growing stock <sup>2</sup> |                           |                           | Other sources <sup>3</sup> |                           |                           |
|--|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|  | All species               | Softwoods                 | Hardwoods                 | All species                | Softwoods                 | Hardwoods                 | All species                | Softwoods                 | Hardwoods                 |
|  | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million cubic feet</i>  | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million cubic feet</i>  | <i>Million cubic feet</i> | <i>Million cubic feet</i> |
| Roundwood products:                                      |                           |                           |                           |                            |                           |                           |                            |                           |                           |
| Sawlogs .....  | 7,237                     | 5,218                     | 2,019                     | 6,793                      | 4,962                     | 1,831                     | 444                        | 256                       | 187                       |
| Pulpwood .....   | 4,977                     | 2,865                     | 2,112                     | 4,352                      | 2,528                     | 1,824                     | 625                        | 337                       | 288                       |
| Veneer logs .....  | 1,353                     | 1,183                     | 170                       | 1,285                      | 1,124                     | 160                       | 68                         | 58                        | 9                         |
| Other products <sup>4</sup> .....                        | 814                       | 444                       | 370                       | 728                        | 396                       | 331                       | 86                         | 48                        | 38                        |
| Fuelwood <sup>5</sup> .....                              | 1,621                     | 397                       | 1,224                     | 592                        | 156                       | 436                       | 1,029                      | 241                       | 788                       |
| Total .....  | 16,001                    | 10,107                    | 5,894                     | 13,750                     | 9,167                     | 4,583                     | 2,251                      | 941                       | 1,310                     |
| Logging residues <sup>6</sup> .....                      | 3,354                     | 1,316                     | 2,038                     | 1,362                      | 605                       | 757                       | 1,992                      | 711                       | 1,281                     |
| Other removals <sup>7</sup> .....                        | 1,333                     | 380                       | 953                       | 899                        | 291                       | 608                       | 434                        | 89                        | 345                       |
| Total .....  | 4,687                     | 1,696                     | 2,991                     | 2,261                      | 897                       | 1,365                     | 2,425                      | 799                       | 1,626                     |

<sup>1</sup> Data may not add to totals because of rounding. <sup>2</sup> Includes live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. Includes only trees 5.0-inches diameter or larger at 4½ feet above ground. <sup>3</sup> Includes salvable dead trees, rough and rotten trees, trees of noncommercial species, trees less than 5.0-inches diameter at 4½ feet above ground, tops, and roundwood harvested from nonforest land (for example, fence rows). <sup>4</sup> Includes such items as cooperage, pilings, poles, posts, shakes, shingles, board mills, charcoal and export logs. <sup>5</sup> Downed and dead wood volume left on the ground after trees have been cut on timberland. <sup>6</sup> Net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; excludes stumps and limbs. <sup>7</sup> Unutilized wood volume from cut or otherwise killed growing stock, from nongrowing stock sources on timberland (for example, precommercial thinnings), or from timberland clearing. Does not include volume removed from inventory through reclassification of timberland to reserved timberland.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-22.—Timber growth, removals and mortality: Net annual growth, removals, and mortality of growing stock on timberland by softwoods and hardwoods and regions, 2002<sup>1</sup>**

| Region                               | Growth <sup>2</sup>       |                           |                           | Removals <sup>3</sup>     |                           |                           | Mortality <sup>4</sup>    |                           |                           |
|--------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                                      | All species               | Softwoods                 | Hardwoods                 | All species               | Softwoods                 | Hardwoods                 | All species               | Softwoods                 | Hardwoods                 |
|                                      | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million cubic feet</i> | <i>Million cubic feet</i> |
| Northeast .....                      | 2,833                     | 658                       | 2,175                     | 1,275                     | 414                       | 861                       | 810                       | 275                       | 536                       |
| North Central .....                  | 2,585                     | 525                       | 2,061                     | 1,590                     | 266                       | 1,324                     | 873                       | 183                       | 690                       |
| North .....                          | 5,418                     | 1,167                     | 4,184                     | 2,865                     | 680                       | 2,185                     | 1,683                     | 457                       | 1,226                     |
| Southeast .....                      | 5,157                     | 3,097                     | 2,059                     | 4,363                     | 2,881                     | 1,482                     | 987                       | 451                       | 536                       |
| South Central .....                  | 6,365                     | 3,370                     | 2,995                     | 5,763                     | 3,625                     | 2,138                     | 1,090                     | 467                       | 622                       |
| South .....                          | 11,522                    | 6,467                     | 5,055                     | 10,126                    | 6,506                     | 3,620                     | 2,077                     | 919                       | 1,158                     |
| Great Plains .....                   | 87                        | 42                        | 45                        | 37                        | 21                        | 16                        | 45                        | 7                         | 38                        |
| Intermountain .....                  | 1,975                     | 1,816                     | 159                       | 495                       | 481                       | 14                        | 1,112                     | 1,012                     | 100                       |
| Rocky Mountains .....                | 2,062                     | 1,858                     | 204                       | 532                       | 502                       | 30                        | 1,157                     | 1,019                     | 138                       |
| Alaska .....                         | 207                       | 122                       | 85                        | 140                       | 137                       | 3                         | 164                       | 155                       | 9                         |
| Pacific Northwest .....              | 3,154                     | 2,841                     | 313                       | 1,721                     | 1,621                     | 99                        | 904                       | 784                       | 120                       |
| Pacific Southwest <sup>5</sup> ..... | 1,326                     | 1,196                     | 131                       | 628                       | 618                       | 10                        | 320                       | 262                       | 57                        |
| Pacific Coast .....                  | 4,687                     | 4,159                     | 528                       | 2,489                     | 2,376                     | 113                       | 1,388                     | 1,201                     | 186                       |
| All regions .....                    | 23,689                    | 13,651                    | 9,971                     | 16,012                    | 10,064                    | 5,948                     | 6,304                     | 3,596                     | 2,708                     |

<sup>1</sup> Data may not add to totals because of rounding. <sup>2</sup> The net increase in the volume of trees during a specified year. Components include the increment in net volume of trees at the beginning of the specific year surviving to its end, plus the net volume of trees reaching the minimum size class during the year, minus the volume of trees that died during the year, and minus the net volume of trees that became cull trees during the year. <sup>3</sup> The net volume of trees removed from the inventory during a specified year by harvesting, cultural operations such as timber stand improvement, or land clearing. <sup>4</sup> The volume of sound wood in trees that died from natural causes during a specified year. <sup>5</sup> Includes Hawaii.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-23.—Timber volume: Net volume of sawtimber on timberland in the West, by regions and species, Jan. 1, 2002<sup>1</sup>**

| Species                           | Total West                | Inter-mountain            | Alaska                    | Pacific Northwest         | Pacific South-west <sup>2</sup> | Great Plains              |
|-----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------------|---------------------------|
|                                   | <i>Million board feet</i> | <i>Million board feet</i> | <i>Million board feet</i> | <i>Million board feet</i> | <i>Million board feet</i>       | <i>Million board feet</i> |
| <b>Softwoods:</b>                 |                           |                           |                           |                           |                                 |                           |
| Douglas-fir .....                 | 652,505                   | 134,711                   | 0                         | 429,296                   | 88,498                          | 0                         |
| Ponderosa and Jeffrey pines ..... | 200,835                   | 78,084                    | 0                         | 63,597                    | 54,492                          | 4,662                     |
| True fir .....                    | 242,254                   | 73,952                    | 25                        | 93,016                    | 75,261                          | 0                         |
| Western hemlock .....             | 174,719                   | 4,835                     | 55,613                    | 114,111                   | 160                             | 0                         |
| Sugar pine .....                  | 22,567                    | 3                         | 0                         | 4,605                     | 17,959                          | 0                         |
| Western white pine .....          | 6,955                     | 2,802                     | 0                         | 2,185                     | 1,968                           | 0                         |
| Redwood .....                     | 27,576                    | 0                         | 0                         | 193                       | 27,383                          | 0                         |
| Sitka spruce .....                | 49,283                    | 0                         | 46,949                    | 2,334                     | 0                               | 0                         |
| Engelmann and other spruces ..... | 109,925                   | 76,554                    | 16,790                    | 15,967                    | 227                             | 387                       |
| Western larch .....               | 29,382                    | 17,775                    | 0                         | 11,607                    | 0                               | 0                         |
| Incense cedar .....               | 19,723                    | 21                        | 0                         | 3,966                     | 15,736                          | 0                         |
| Lodgepole pine .....              | 88,657                    | 68,613                    | 317                       | 12,611                    | 7,116                           | 0                         |
| Western Red Cedar .....           | 44,700                    | 10,804                    | 5,257                     | 28,636                    | 3                               | 0                         |
| Other .....                       | 51,359                    | 16,813                    | 16,555                    | 13,246                    | 2,868                           | 1,877                     |
| <b>Total .....</b>                | <b>1,720,440</b>          | <b>484,967</b>            | <b>141,506</b>            | <b>795,370</b>            | <b>291,671</b>                  | <b>6,926</b>              |
| <b>Hardwoods:</b>                 |                           |                           |                           |                           |                                 |                           |
| Cottonwood and aspen .....        | 21,889                    | 15,977                    | 1,890                     | 3,744                     | 271                             | 7                         |
| Red alder .....                   | 29,147                    | 0                         | 196                       | 28,336                    | 615                             | 0                         |
| Oak .....                         | 13,002                    | 2                         | 0                         | 795                       | 12,205                          | 0                         |
| Other .....                       | 39,603                    | 201                       | 2,524                     | 14,269                    | 14,331                          | 8,278                     |
| <b>Total .....</b>                | <b>103,641</b>            | <b>16,180</b>             | <b>4,610</b>              | <b>47,144</b>             | <b>27,422</b>                   | <b>8,285</b>              |
| <b>All species .....</b>          | <b>824,081</b>            | <b>501,147</b>            | <b>146,116</b>            | <b>842,514</b>            | <b>319,093</b>                  | <b>15,211</b>             |

<sup>1</sup> International 1/4-inch rule. Data may not add to totals because of rounding. <sup>2</sup> Includes Hawaii. FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-24.—Timber volume: Net volume of sawtimber on timberland in the East, by regions and species, Jan. 1, 2002<sup>1</sup>**

| Species                            | Total East                | North                     |                           |                           | South                     |                           |                           |
|------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                                    |                           | Total                     | Northeast                 | North Central             | Total                     | Southeast                 | South Central             |
|                                    | <i>Million board feet</i> | <i>Million board feet</i> | <i>Million board feet</i> | <i>Million board feet</i> | <i>Million board feet</i> | <i>Million board feet</i> | <i>Million board feet</i> |
| <b>Softwoods:</b>                  |                           |                           |                           |                           |                           |                           |                           |
| Longleaf and slash pines           | 53,910                    | 0                         | 0                         | 0                         | 53,910                    | 34,304                    | 19,606                    |
| Loblolly and shortleaf pines ..... | 281,019                   | 4,666                     | 2,025                     | 2,641                     | 276,353                   | 98,398                    | 177,955                   |
| Other yellow pines .....           | 32,854                    | 5,027                     | 4,014                     | 1,013                     | 27,827                    | 18,919                    | 8,908                     |
| White and red pines .....          | 69,932                    | 59,935                    | 38,545                    | 21,390                    | 9,997                     | 7,930                     | 2,067                     |
| Jack pine .....                    | 4,186                     | 4,186                     | 35                        | 4,151                     | 0                         | 0                         | 0                         |
| Spruce and balsam fir .....        | 30,060                    | 29,980                    | 20,439                    | 9,541                     | 80                        | 80                        | 0                         |
| Eastern hemlock .....              | 30,627                    | 27,733                    | 22,634                    | 5,099                     | 2,894                     | 1,723                     | 1,171                     |
| Cypress .....                      | 25,766                    | 127                       | 24                        | 103                       | 25,639                    | 14,580                    | 11,059                    |
| Other .....                        | 20,836                    | 17,602                    | 6,487                     | 11,115                    | 3,234                     | 1,237                     | 1,997                     |
| <b>Total .....</b>                 | <b>549,190</b>            | <b>149,256</b>            | <b>94,203</b>             | <b>55,053</b>             | <b>399,934</b>            | <b>177,171</b>            | <b>222,763</b>            |
| <b>Hardwoods:</b>                  |                           |                           |                           |                           |                           |                           |                           |
| Select white oaks .....            | 94,894                    | 39,578                    | 13,508                    | 26,070                    | 55,316                    | 23,569                    | 31,747                    |
| Select red oaks .....              | 81,671                    | 50,118                    | 28,357                    | 21,761                    | 31,553                    | 12,007                    | 19,546                    |
| Other white oaks .....             | 56,821                    | 14,567                    | 10,486                    | 4,081                     | 42,254                    | 18,457                    | 23,797                    |
| Other red oaks .....               | 138,097                   | 36,029                    | 16,051                    | 19,978                    | 102,068                   | 40,858                    | 61,210                    |
| Hickory .....                      | 51,125                    | 17,470                    | 7,051                     | 10,419                    | 33,655                    | 10,502                    | 23,153                    |
| Yellow birch .....                 | 9,608                     | 9,341                     | 7,085                     | 2,256                     | 267                       | 235                       | 32                        |
| Hard maple .....                   | 56,561                    | 51,428                    | 30,864                    | 20,564                    | 5,133                     | 1,304                     | 3,829                     |
| Soft maple .....                   | 72,612                    | 54,788                    | 36,800                    | 17,988                    | 17,824                    | 12,318                    | 5,506                     |
| Beech .....                        | 28,119                    | 18,724                    | 14,488                    | 4,236                     | 9,395                     | 3,125                     | 6,270                     |
| Sweetgum .....                     | 51,709                    | 2,496                     | 1,925                     | 571                       | 49,213                    | 22,040                    | 27,173                    |
| Tupelo and black gum .....         | 31,757                    | 1,742                     | 1,264                     | 478                       | 30,015                    | 16,587                    | 11,428                    |
| Ash .....                          | 37,132                    | 23,640                    | 11,994                    | 11,646                    | 13,492                    | 4,938                     | 8,554                     |
| Basswood .....                     | 15,725                    | 13,550                    | 4,761                     | 8,789                     | 2,175                     | 1,096                     | 1,079                     |
| Yellow-poplar .....                | 87,928                    | 25,638                    | 18,770                    | 6,868                     | 62,290                    | 37,512                    | 24,778                    |
| Cottonwood and aspen .....         | 41,506                    | 37,969                    | 7,655                     | 30,314                    | 3,537                     | 321                       | 3,216                     |
| Black walnut .....                 | 4,828                     | 3,386                     | 709                       | 2,677                     | 1,442                     | 490                       | 952                       |
| Black cherry .....                 | 19,868                    | 18,239                    | 14,227                    | 4,012                     | 1,629                     | 526                       | 1,103                     |
| Other .....                        | 63,476                    | 29,884                    | 13,430                    | 16,454                    | 33,592                    | 11,072                    | 22,520                    |
| <b>Total .....</b>                 | <b>943,437</b>            | <b>448,587</b>            | <b>239,425</b>            | <b>209,162</b>            | <b>494,850</b>            | <b>218,957</b>            | <b>275,893</b>            |
| <b>All species .....</b>           | <b>1,492,627</b>          | <b>597,843</b>            | <b>333,628</b>            | <b>264,215</b>            | <b>894,784</b>            | <b>396,128</b>            | <b>498,656</b>            |

<sup>1</sup> International 1/4-inch rule. Data may not add to totals because of rounding. FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.



**Table 12-25.—National Forest System: National Forest System lands and other lands in States and Territories, Sept. 30, 2002**

| State or other area | Gross acreage | National Forest System acreage <sup>1</sup> | Other acreage <sup>2</sup> |
|---------------------|---------------|---|----------------------------|
|                     | 1,000 acres   | 1,000 acres                                 | 1,000 acres                |
| AL .....            | 1,288         | 666   | 622                        |
| AK .....            | 24,355        | 21,982                                      | 2,373                      |
| AZ .....            | 11,891        | 11,263                                      | 628                        |
| AR .....            | 3,540         | 2,587                                       | 953                        |
| CA .....            | 24,430        | 20,734                                      | 3,696                      |
| CO .....            | 16,015        | 14,485                                      | 1,530                      |
| CT .....            | 0             | 0   | 0                          |
| FL .....            | 1,434         | 1,153                                       | 281                        |
| GA .....            | 1,858         | 867   | 991                        |
| HI .....            | 0             | 0   | 0                          |
| ID .....            | 21,652        | 20,465                                      | 1,187                      |
| IL .....            | 857           | 293   | 564                        |
| IN .....            | 644           | 200   | 445                        |
| KS .....            | 116           | 108   | 8                          |
| KY .....            | 2,212         | 806   | 1,405                      |
| LA .....            | 1,025         | 604   | 420                        |
| ME .....            | 93            | 53  | 40                         |
| MI .....            | 4,894         | 2,865                                       | 2,030                      |
| MN .....            | 5,467         | 2,839                                       | 2,673                      |
| MS .....            | 2,320         | 1,169                                       | 1,151                      |
| MO .....            | 3,060         | 1,487                                       | 1,573                      |
| MT .....            | 19,110        | 16,913                                      | 2,197                      |
| NE .....            | 442           | 352   | 90                         |
| NV .....            | 6,275         | 5,835                                       | 440                        |
| NH .....            | 828           | 731   | 97                         |
| NM .....            | 10,455        | 9,417                                       | 1,038                      |
| NY .....            | 16            | 16  | 0                          |
| NC .....            | 3,168         | 1,248                                       | 1,919                      |
| ND .....            | 1,106         | 1,106                                       | 0                          |
| OH .....            | 834           | 234   | 600                        |
| OK .....            | 772           | 398   | 375                        |
| OR .....            | 17,502        | 15,662                                      | 1,840                      |
| PA .....            | 743           | 513   | 230                        |
| SC .....            | 1,379         | 620   | 759                        |
| SD .....            | 2,369         | 2,013                                       | 355                        |
| TN .....            | 1,276         | 700   | 576                        |
| TX .....            | 1,995         | 755   | 1,239                      |
| UT .....            | 9,209         | 8,190                                       | 1,019                      |
| VT .....            | 817           | 386   | 431                        |
| VA .....            | 3,224         | 1,661                                       | 1,563                      |
| WA .....            | 10,111        | 9,261                                       | 849                        |
| WV .....            | 1,869         | 1,034                                       | 835                        |
| WI .....            | 2,023         | 1,525                                       | 498                        |
| WY .....            | 9,703         | 9,238                                       | 466                        |
| PR .....            | 56            | 28  | 28                         |
| VI .....            | 0             | 0   | 0                          |
| Total .....         | 232,434       | 192,465                                     | 40,014                     |

<sup>1</sup> *National Forest System acreage*.—A nationally significant system of Federally owned units of forest, range, and related land consisting of national forests, purchase units, national grasslands, land utilization project areas, experimental forest areas, experimental range areas, designated experimental areas, other land areas; water areas, and interests in lands that are administered by USDA Forest Service or designated for administration through the Forest Service.

National forests.—Units formally established and permanently set aside and reserved for national forest purposes.

Purchase units.—Units designated by the Secretary of Agriculture or previously approved by the National Forest Reservation Commission for purposes of Weeks Law Acquisition.

National grasslands.—Units designated by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act.

Land utilization projects.—Units designated by the Secretary of Agriculture for conservation and utilization under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Units reserved and dedicated by the Secretary of Agriculture for forest or range research and experimentation.

Other areas.—Units administered by the Forest Service that are not included in the above groups. <sup>2</sup> *Other acreage*.—Lands within the unit boundaries in private, State, county, and municipal ownership and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States.

FS, Timber, Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-26.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1993–2002**

| Year <sup>1</sup> | Timber cut <sup>2</sup> |                      | Value of miscellaneous forest products <sup>4</sup> | Total value including free-use timber |
|-------------------|-------------------------|----------------------|---|---------------------------------------|
|                   | Volume                  | Value <sup>3</sup>   |   |                                       |
|                   | <i>Million bd. ft.</i>  | <i>1,000 dollars</i> | <i>1,000 dollars</i>                                | <i>1,000 dollars</i>                  |
| 1993 .....        | 5,917                   | 914,646              | 2,791   | 918,225                               |
| 1994 .....        | 4,815                   | 783,038              | 3,138   | 796,926                               |
| 1995 .....        | 3,866                   | 616,117              | 2,935   | 619,732                               |
| 1996 .....        | 3,725                   | 544,349              | 3,262   | 547,428                               |
| 1997 .....        | 3,285                   | 497,957              | 3,262   | 500,896                               |
| 1998 .....        | 3,298                   | 445,774              | 3,262   | 448,752                               |
| 1999 .....        | 2,939                   | 339,471              | 3,262   | 342,599                               |
| 2000 .....        | 2,542                   | 302,934              | 3,262   | 305,921                               |
| 2001 .....        | 1,938                   | 177,634              | 3,262   | 180,708                               |
| 2002 .....        | 1,728                   | 164,051              | 3,262   | 167,313                               |

<sup>1</sup>Fiscal years Oct. 1–Sept. 30. <sup>2</sup>Commercial and cost sales and land exchanges. <sup>3</sup>Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930. <sup>4</sup>Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-27.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1993–2002**

| Year <sup>1</sup> | From the use of timber <sup>2</sup> | From the use of grazing | From special land uses, water power, etc. | Total <sup>2</sup>   |
|-------------------|-------------------------------------|-------------------------|---|----------------------|
|                   | <i>1,000 dollars</i>                | <i>1,000 dollars</i>    | <i>1,000 dollars</i>                      | <i>1,000 dollars</i> |
| 1993 .....        | 425,105                             | 10,518                  | 67,955                                    | 503,578              |
| 1994 .....        | 431,615                             | 11,056                  | 72,196                                    | 514,867              |
| 1995 .....        | 303,046                             | 8,756                   | 74,943                                    | 386,745              |
| 1996 .....        | 195,000                             | 7,352                   | 71,183                                    | 273,535              |
| 1997 .....        | 197,194                             | 6,972                   | 80,588                                    | 284,754              |
| 1998 .....        | 207,938                             | 6,992                   | 78,869                                    | 293,799              |
| 1999 .....        | NA                                  | NA                      | NA  | NA                   |
| 2000 .....        | NA                                  | NA                      | NA  | NA                   |
| 2001 .....        | NA                                  | NA                      | NA  | NA                   |
| 2002 .....        | NA                                  | NA                      | NA  | NA                   |

<sup>1</sup>Fiscal years Oct. 1–Sept. 30. <sup>2</sup>Includes receipts from Oregon and California Railroad Grant Lands.

FS, Timber Demand and Technology Assessment, RUW-4851, (608) 231-9376.

**Table 12-28.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years 2000–02<sup>1 2</sup>**

| State or other areas | 2000                 | 2001                 | 2002                 |
|----------------------|----------------------|----------------------|----------------------|
|                      | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL .....             | 617                  | 2,032                | 2,015                |
| AK .....             | 2,304                | 8,796                | 8,875                |
| AZ .....             | 1,781                | 7,002                | 7,057                |
| AR .....             | 6,707                | 6,410                | 5,988                |
| CA .....             | 26,418               | 61,909               | 60,937               |
| CO .....             | 4,530                | 5,595                | 5,434                |
| FL .....             | 945                  | 2,381                | 2,366                |
| GA .....             | 53                   | 1,221                | 1,231                |
| ID .....             | 7,584                | 20,202               | 20,022               |
| IL .....             | 167                  | 285                  | 287                  |
| IN .....             | 5                    | 122                  | 123                  |
| KY .....             | 72                   | 418                  | 391                  |
| LA .....             | 1,839                | 3,644                | 3,518                |
| ME .....             | 27                   | 39                   | 39                   |
| MI .....             | 3,856                | 3,036                | 2,456                |
| MN .....             | 4,072                | 3,908                | 3,852                |
| MS .....             | 6,504                | 7,619                | 7,311                |
| MO .....             | 1,168                | 2,387                | 2,499                |
| MT .....             | 7,051                | 13,446               | 12,464               |
| NE .....             | 34                   | 40                   | 40                   |
| NV .....             | 295                  | 422                  | 428                  |
| NH .....             | 397                  | 445                  | 220                  |
| NM .....             | 681                  | 1,894                | 2,022                |
| NY .....             | 8                    | 8                    | 8                    |
| NC .....             | 455                  | 956                  | 964                  |
| ND .....             | 3                    | 3                    | 3                    |
| OH .....             | <sup>(3)</sup>       | 40                   | 61                   |
| OK .....             | 1,250                | 1,303                | 1,214                |
| OR .....             | 76,323               | 141,075              | 140,987              |
| PA .....             | 2,982                | 4,831                | 3,665                |
| SC .....             | 577                  | 3,080                | 3,104                |
| SD .....             | 3,070                | 3,669                | 3,699                |
| TN .....             | 374                  | 525                  | 529                  |
| TX .....             | 666                  | 4,447                | 4,435                |
| UT .....             | 1,900                | 1,865                | 1,913                |
| VT .....             | 328                  | 336                  | 283                  |
| VA .....             | 487                  | 790                  | 718                  |
| WA .....             | 24,658               | 41,229               | 40,191               |
| WV .....             | 1,285                | 1,861                | 1,869                |
| WI .....             | 1,788                | 2,230                | 1,596                |
| WY .....             | 1,592                | 2,184                | 2,193                |
| PR .....             | 21                   | 21                   | 8                    |
| Total .....          | 194,869              | 363,702              | 357,009              |

<sup>1</sup>Fiscal years Oct. 1–Sept. 30. <sup>2</sup>Payments under the acts of May 23, 1908 (as amended), July 24, 1956, and Oct. 22, 1976, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations of receipts under laws authorizing such appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts. Payments made in the following year.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

**Table 12-29.—Livestock on National Forest System lands: Number grazed and grazing receipts, United States, 1993–2002**

| Year       | Number grazed <sup>1</sup> |                  | Receipts from grazing <sup>2</sup> |
|------------|----------------------------|------------------|------------------------------------|
|            | Cattle, horses, and burros | Sheep and goats  |                                    |
|            | <i>Thousands</i>           | <i>Thousands</i> | <i>1,000 dollars</i>               |
| 1993 ..... | 1,318                      | 1,111            | 10,518                             |
| 1994 ..... | 1,229                      | 941              | 11,056                             |
| 1995 ..... | 1,227                      | 940              | 8,756                              |
| 1996 ..... | 1,174                      | 868              | 7,352                              |
| 1997 ..... | 1,225                      | 932              | 6,972                              |
| 1998 ..... | 1,208                      | 909              | 6,992                              |
| 1999 ..... | NA                         | NA               | NA                                 |
| 2000 ..... | 1,246                      | 954              | NA                                 |
| 2001 ..... | 1,233                      | 960              | NA                                 |
| 2002 ..... | 1,079                      | 916              | NA                                 |

<sup>1</sup>Calendar year data for number actually grazed. <sup>2</sup>Fiscal years Oct. 1–Sept. 30.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

**Table 12-30.—Livestock on National Forest System lands: Number grazed and grazing receipts for fiscal year 2002, by States**

| State or other area   | Head months <sup>1</sup>   |                  | Receipts from grazing, 1992 <sup>2</sup> |
|---|----------------------------|------------------|--|
|   | Cattle, horses, and burros | Sheep and goats  |  |
|   | <i>Number</i>              | <i>Number</i>    | <i>Dollars</i>                           |
| AL .....  | 480                        | 0                | 619                                      |
| AZ .....  | 558,191                    | 89,180           | 1,647,142                                |
| AR .....  | 9,899                      | 0                | 39,045                                   |
| CA .....  | 284,407                    | 88,905           | 592,633                                  |
| CO .....  | 614,397                    | 376,106          | 1,310,957                                |
| FL .....  | 600                        | 0                | 18,885                                   |
| GA .....  | 4,392                      | 0                | 8,080                                    |
| ID .....  | 396,690                    | 520,200          | 977,514                                  |
| IL .....  | 2,066                      | 0                | 167                                      |
| KS .....  | NA                         | 0                | 0  |
| KY .....  | NA                         | 0                | 25,701                                   |
| LA .....  | 5,998                      | 0                | 25,719                                   |
| MI .....  | 8                          | 0                | 1,557                                    |
| MN .....  | 119                        | 0                | 136                                      |
| MS .....  | 42                         | 0                | 3,426                                    |
| MO .....  | 14,014                     | 0                | 27,154                                   |
| MT .....  | 394,778                    | 40,248           | 820,929                                  |
| NE .....  | 90,208                     | 0                | 158,367                                  |
| NV .....  | 171,652                    | 194,060          | 402,127                                  |
| NM .....  | 601,754                    | 35,782           | 1,235,864                                |
| NY .....  | 7,706                      | 0                | 57                                       |
| ND .....  | 8,348                      | 0                | 443,840                                  |
| OH .....  | NA                         | 0                | 961                                      |
| OK .....  | 24,934                     | 0                | 28,620                                   |
| OR <sup>3</sup> .....                                       | 313,932                    | 62,307           | 618,786                                  |
| SD .....  | 408,008                    | 10,996           | 547,595                                  |
| TX .....  | 43,046                     | 0                | 97,788                                   |
| UT .....  | 313,166                    | 503,723          | 836,937                                  |
| VT .....  | NA                         | 0                | 0  |
| VA .....  | 8,682                      | 0                | 10,694                                   |
| WA .....  | 61,092                     | 20,623           | 169,044                                  |
| WV .....  | 4,499                      | 284              | 18,585                                   |
| WY .....  | 295,168                    | 274,204          | 709,486                                  |
| National forests .....                                      | 4,638,276                  | 2,216,618        | 9,464,412                                |
| National grasslands and land utilization project land ..... |                            |                  | 1,314,323                                |
| <b>Total .....</b>  | <b>4,638,276</b>           | <b>2,216,618</b> | <b>10,778,735</b>                        |

<sup>1</sup> A head month is the billing unit for permitted grazing and is equal to 1 month's occupancy. <sup>2</sup> 1992 is the most recent year for which grazing receipts by state are available. <sup>3</sup> Figure does not include \$2,285.44 receipts from Oregon & CA Railroad Grant.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-31.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1993-2002**

| Year       | Douglas-fir <sup>1</sup>         | Southern pine <sup>2</sup>       | Ponderosa pine <sup>3</sup>      | Western hemlock <sup>4</sup>     | All eastern hardwoods <sup>5</sup> | Oak, white, red, and black <sup>5</sup> | Maple, sugar <sup>6</sup>        |
|------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|------------------------------------|---|----------------------------------|
|            | <i>Dollars per 1,000 bd. ft.</i> | <i>Dollars per 1,000 bd. ft.</i> | <i>Dollars per 1,000 bd. ft.</i> | <i>Dollars per 1,000 bd. ft.</i> | <i>Dollars per 1,000 bd. ft.</i>   | <i>Dollars per 1,000 bd. ft.</i>        | <i>Dollars per 1,000 bd. ft.</i> |
| 1993 ..... | 317.75                           | 217.21                           | 535.17                           | 363.66                           | 264.06                             | 194.57                                  | 219.52                           |
| 1994 ..... | 652.36                           | 265.85                           | 291.35                           | 334.80                           | 352.07                             | 317.40                                  | 313.37                           |
| 1995 ..... | 453.54                           | 248.49                           | 149.94                           | 297.09                           | 313.92                             | 296.59                                  | 285.57                           |
| 1996 ..... | 453.04                           | 251.05                           | 269.97                           | 289.30                           | 312.57                             | 264.44                                  | 213.20                           |
| 1997 ..... | 331.40                           | 307.30                           | 270.20                           | 211.30                           | 286.88                             | 264.50                                  | 357.12                           |
| 1998 ..... | 254.20                           | 287.80                           | 204.90                           | 161.40                           | 240.90                             | 270.20                                  | 394.80                           |
| 1999 ..... | 314.70                           | 268.50                           | 181.00                           | 95.70                            | 195.10                             | 317.40                                  | 448.10                           |
| 2000 ..... | 433.40                           | 258.10                           | 154.60                           | 46.12                            | 368.61                             | 265.63                                  | 445.80                           |
| 2001 ..... | 255.38                           | 153.49                           | 115.47                           | 33.98                            | 530.45                             | 326.38                                  | 587.22                           |
| 2002 ..... | 184.83                           | 166.4                            | 117.75                           | 73.19                            | 382.04                             | 273.73                                  | 484.97                           |

<sup>1</sup> Western Washington and western Oregon. <sup>2</sup> Southern region. <sup>3</sup> Pacific Southwest region. Includes Jeffrey pine. <sup>4</sup> Pacific Northwest region. <sup>5</sup> Eastern and Southern regions. <sup>6</sup> Eastern region.

Forest Service National Forest prices in this table are for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International 1/4-inch log rule is used. Prices include KV payments; exclude timber sold by land exchanges and from land utilization project lands. Data for 1983 are statistical high bid prices; beginning in 1984, data are high bid prices which include specified road costs.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

**Table 12-32.—National Forest System lands: Number of visitor estimates,by region, national forest visit, site visit<sup>1</sup> and viewing corridors, 2000–02<sup>2 3</sup>**

| Region                                    | Year            |                 |                 |
|---|-----------------|-----------------|-----------------|
|   | 2000            | 2001            | 2002            |
|   | <i>Millions</i> | <i>Millions</i> | <i>Millions</i> |
| Region 1:                                 |                 |                 |                 |
| National forest visits .....              | 12.4            | 12.2            | 11.6            |
| Site visits .....                         | 14.5            | 13.6            | 13.2            |
| Viewing corridors .....                   | NA              | 1.4             | NA              |
| Region 2:                                 |                 |                 |                 |
| National forest visits .....              | 38.6            | 32.6            | 34.9            |
| Site visits .....                         | 48.6            | 38.3            | 41.6            |
| Viewing corridors .....                   | NA              | 55.6            | NA              |
| Region 3:                                 |                 |                 |                 |
| National forest visits .....              | 17.3            | 18.6            | 22.6            |
| Site visits .....                         | 20.9            | 22.6            | 26.7            |
| Viewing corridors .....                   | NA              | 46.9            | NA              |
| Region 4:                                 |                 |                 |                 |
| National forest visits .....              | 20.5            | 22.0            | 19.9            |
| Site visits .....                         | 22.7            | 24.0            | 22.4            |
| Viewing corridors .....                   | NA              | 9.7             | NA              |
| Region 5:                                 |                 |                 |                 |
| National forest visits .....              | 20.2            | 28.7            | 30.5            |
| Site visits .....                         | 24.5            | 34.7            | 39.2            |
| Viewing corridors .....                   | NA              | 16.3            | NA              |
| Region 6:                                 |                 |                 |                 |
| National forest visits .....              | 34.0            | 29.4            | 29.1            |
| Site visits .....                         | 40.1            | 35.7            | 37.3            |
| Viewing corridors .....                   | NA              | 37.2            | NA              |
| Region 8:                                 |                 |                 |                 |
| National forest visits .....              | 24.9            | 32.3            | 31.8            |
| Site visits .....                         | 31.6            | 42.2            | 39.7            |
| Viewing corridors .....                   | NA              | 33.0            | NA              |
| Region 9:                                 |                 |                 |                 |
| National forest visits .....              | 34.2            | 29.0            | 26.1            |
| Site visits .....                         | 46.1            | 35.5            | 33.0            |
| Viewing corridors .....                   | NA              | 1.5             | NA              |
| Region 10:                                |                 |                 |                 |
| National forest visits .....              | 7.0             | 9.4             | 4.4             |
| Site visits .....                         | 7.8             | 10.4            | 5.0             |
| Viewing corridors .....                   | NA              | 13.7            | NA              |
| National total:                           |                 |                 |                 |
| National forest visits <sup>4</sup> ..... | 209.0           | 214.1           | 210.9           |
| Site visits <sup>5</sup> .....            | 256.9           | 256.2           | 258.1           |
| Viewing corridors <sup>6</sup> .....      | 258.0           | 215.4           | NA              |

<sup>1</sup> Includes wilderness visits. <sup>2</sup> National forest visits are composed of multiple site visits, the average person goes to 1.2 sites while on their NF visit. <sup>3</sup> National Visitor Use Monitoring (NVUM) changed data compilation techniques. <sup>4</sup> The entry of one person onto national forest lands regardless of how long they stay. <sup>5</sup> The entry of one person onto a National Forest site or area regardless of how long they stay. <sup>6</sup> People who view National Forest scenery from non-Forest Service managed roads and waterways.

FS, Timber Demand and Technology Assessment, RWU -4851 (608) 231-9376.

**Table 12-33.—Timber products: Production, imports, exports, and consumption, United States, 1993–2002<sup>1</sup>**

| Year | Industrial roundwood used for—      |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |
|------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|      | Lumber                              |                                     |                                     |                                     | Plywood and veneer                  |                                     |                                     |                                     | Pulp products                       |                                     |                                     |                                     |                                     |
|      | Production                          | Imports                             | Exports                             | Consumption                         | Production                          | Imports                             | Exports                             | Consumption                         | Production                          | Imports <sup>2</sup>                | Exports <sup>2</sup>                | Consumption                         |                                     |
|      | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> |
| 1993 | 6,894                               | 2,243                               | 533                                 | 8,604                               | 1,293                               | 100                                 | 100                                 | 1,293                               | 5,423                               | 1,065                               | 724                                 | 5,764                               |                                     |
| 1994 | 7,085                               | 2,411                               | 514                                 | 8,982                               | 1,320                               | 94                                  | 86                                  | 1,328                               | 5,576                               | 1,102                               | 758                                 | 5,920                               |                                     |
| 1995 | 6,857                               | 2,545                               | 462                                 | 8,939                               | 1,303                               | 107                                 | 89                                  | 1,321                               | 6,079                               | 1,248                               | 905                                 | 6,422                               |                                     |
| 1996 | 6,975                               | 2,664                               | 454                                 | 9,185                               | 1,281                               | 97                                  | 87                                  | 1,291                               | 5,908                               | 1,144                               | 891                                 | 6,161                               |                                     |
| 1997 | 7,210                               | 2,675                               | 457                                 | 9,428                               | 1,213                               | 114                                 | 103                                 | 1,224                               | 6,101                               | 1,250                               | 930                                 | 6,422                               |                                     |
| 1998 | 7,222                               | 2,791                               | 354                                 | 9,658                               | 1,201                               | 131                                 | 55                                  | 1,277                               | 6,230                               | 1,293                               | 835                                 | 6,688                               |                                     |
| 1999 | 7,533                               | 2,888                               | 410                                 | 10,011                              | 1,208                               | 160                                 | 45                                  | 1,323                               | 5,984                               | 1,394                               | 794                                 | 6,584                               |                                     |
| 2000 | 7,345                               | 2,924                               | 434                                 | 9,835                               | 1,187                               | 155                                 | 42                                  | 1,300                               | 6,021                               | 1,493                               | 865                                 | 6,649                               |                                     |
| 2001 | 7,110                               | 3,071                               | 362                                 | 9,819                               | 1,067                               | 173                                 | 32                                  | 1,208                               | 5,853                               | 1,499                               | 827                                 | 6,524                               |                                     |
| 2002 | 7,293                               | 3,170                               | 359                                 | 10,103                              | 1,074                               | 206                                 | 31                                  | 1,249                               | 5,708                               | 1,472                               | 785                                 | 6,395                               |                                     |

| Year    | Industrial roundwood used for—Continued                            |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     | Fuelwood production and consumption | Production, all products            | Consumption, all products           |
|---------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|         | Other industrial products, <sup>4</sup> production and consumption | Logs                                |                                     | Pulpwood chip imports               | Pulpwood chip exports               | Total                               |                                     |                                     |                                     |                                     |                                     |                                     |                                     |
|         |  | Imports                             | Exports                             |                                     |                                     | Production                          | Imports                             | Exports                             | Consumption                         |                                     |                                     |                                     |                                     |
|         | <i>Mil-lion cu. ft.<sup>3</sup></i>                                | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> | <i>Mil-lion cu. ft.<sup>3</sup></i> |
| 1993 .. | 517  | 15                                  | 460                                 | 5                                   | 326                                 | 14,914                              | 3,428                               | 2,143                               | 16,199                              | 2,444                               | 17,358                              | 18,643                              |                                     |
| 1994 .. | 401  | 18                                  | 429                                 | 14                                  | 354                                 | 15,164                              | 3,638                               | 2,141                               | 16,662                              | 2,201                               | 17,365                              | 18,863                              |                                     |
| 1995 .. | 387  | 13                                  | 451                                 | 19                                  | 377                                 | 15,454                              | 3,932                               | 2,285                               | 17,101                              | 2,150                               | 17,604                              | 19,251                              |                                     |
| 1996 .. | 342  | 18                                  | 422                                 | 12                                  | 416                                 | 15,344                              | 3,935                               | 2,269                               | 17,010                              | 1,924                               | 17,268                              | 18,934                              |                                     |
| 1997 .. | 330  | 20                                  | 384                                 | 4                                   | 424                                 | 15,662                              | 4,063                               | 2,298                               | 17,428                              | 1,700                               | 17,362                              | 19,128                              |                                     |
| 1998 .. | 305  | 30                                  | 316                                 | 7                                   | 414                                 | 15,687                              | 4,250                               | 1,974                               | 17,963                              | 1,632                               | 17,319                              | 19,595                              |                                     |
| 1999 .. | 298  | 47                                  | 326                                 | 2                                   | 409                                 | 15,758                              | 4,490                               | 1,982                               | 18,265                              | 1,625                               | 17,383                              | 19,890                              |                                     |
| 2000 .. | 300  | 72                                  | 422                                 | 2                                   | 354                                 | 15,630                              | 4,645                               | 2,117                               | 18,158                              | 1,622                               | 17,252                              | 19,780                              |                                     |
| 2001 .. | 270  | 73                                  | 403                                 | 1                                   | 264                                 | 14,966                              | 4,818                               | 1,888                               | 17,896                              | 1,640                               | 16,606                              | 19,536                              |                                     |
| 2002 .. | 263  | 86                                  | 388                                 | 2                                   | 189                                 | 14,915                              | 4,937                               | 1,753                               | 18,099                              | 1,618                               | 16,533                              | 19,717                              |                                     |

<sup>1</sup> Data may not add to totals because of rounding. <sup>2</sup> Includes both pulpwood and the pulpwood equivalent of woodpulp, paper, and board. <sup>3</sup> Roundwood equivalent. <sup>4</sup> Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

**Table 12-34.—Lumber: Production, United States, 1993–2002**

| Year       | Total                  | Softwoods              | Hardwoods              |
|------------|------------------------|------------------------|------------------------|
|            | <i>Million bd. ft.</i> | <i>Million bd. ft.</i> | <i>Million bd. ft.</i> |
| 1993 ..... | 45,166                 | 32,947                 | 12,219                 |
| 1994 ..... | 46,492                 | 34,107                 | 12,385                 |
| 1995 ..... | 44,877                 | 32,233                 | 12,644                 |
| 1996 ..... | 45,754                 | 33,266                 | 12,488                 |
| 1997 ..... | 47,340                 | 34,667                 | 12,673                 |
| 1998 ..... | 47,407                 | 34,677                 | 12,730                 |
| 1999 ..... | 49,532                 | 36,605                 | 12,927                 |
| 2000 ..... | 48,565                 | 35,967                 | 12,598                 |
| 2001 ..... | 46,411                 | 34,577                 | 11,834                 |
| 2002 ..... | 48,170                 | 36,420                 | 11,750                 |

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376. From data published by the American Forest and Paper Association.

**Table 12-35.—Timber products: Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1993–2002<sup>1</sup>**

| Year       | Pulpwood consumption <sup>2</sup> | Woodpulp production <sup>3</sup> | Paper and board <sup>4</sup> |  |                        |
|------------|-----------------------------------|----------------------------------|------------------------------|--|------------------------|
|            |                                   |                                  | Production                   | Consumption or new supply <sup>5</sup> | Per capita consumption |
|            | <i>1,000 cords<sup>6</sup></i>    | <i>1,000 tons</i>                | <i>1,000 tons</i>            | <i>1,000 tons</i>                      | <i>Pounds</i>          |
| 1993 ..... | 96,089                            | 64,313                           | 84,857                       | 91,013                                 | 705                    |
| 1994 ..... | 98,142                            | 65,920                           | 89,080                       | 95,195                                 | 730                    |
| 1995 ..... | 97,052                            | 67,103                           | 89,509                       | 96,126                                 | 731                    |
| 1996 ..... | 90,190                            | 65,503                           | 90,381                       | 94,287                                 | 710                    |
| 1997 ..... | 95,247                            | 66,650                           | 95,029                       | 99,175                                 | 740                    |
| 1998 ..... | 96,305                            | 65,163                           | 94,510                       | 100,978                                | 747                    |
| 1999 ..... | 94,265                            | 62,914                           | 97,020                       | 104,873                                | 768                    |
| 2000 ..... | 95,904                            | 62,758                           | 94,491                       | 103,147                                | 731                    |
| 2001 ..... | 92,181                            | 58,198                           | 88,913                       | 97,303                                 | 683                    |
| 2002 ..... | 90,500                            | 58,069                           | 89,636                       | 97,227                                 | 676                    |

<sup>1</sup> Revised to match data from American Forest and Paper Association and American Pulpwood Association. <sup>2</sup> Includes changes in stocks. <sup>3</sup> Excludes defibrated and exploded woodpulp used for hard pressed board. <sup>4</sup> Excludes hard-board. <sup>5</sup> Production plus imports and minus exports (excludes products); changes in inventories not taken into account. <sup>6</sup> One cord equals 128 cubic feet.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376. Compiled from U.S. Department of Commerce and American Forest and Paper Association.

**Table 12-36.—Timber products: Producer price indexes, selected products, United States, 1993–2002**  
[1982=100]

| Year       | Lumber | Softwood plywood | Woodpulp | Paper | Paperboard |
|------------|--------|------------------|----------|-------|------------|
| 1993 ..... | 94.2   | 96.8             | 81.2     | 86.1  | 89.8       |
| 1994 ..... | 97.0   | 100.9            | 90.7     | 87.5  | 96.8       |
| 1995 ..... | 89.1   | 107.3            | 142.6    | 110.6 | 126.5      |
| 1996 ..... | 92.4   | 99.2             | 104.2    | 104.0 | 107.8      |
| 1997 ..... | 100.0  | 100.0            | 100.0    | 100.0 | 100.0      |
| 1998 ..... | 90.9   | 99.9             | 95.5     | 101.6 | 104.9      |
| 1999 ..... | 95.4   | 118.1            | 93.2     | 98.6  | 105.8      |
| 2000 ..... | 90.6   | 98.9             | 113.1    | 104.2 | 122.1      |
| 2001 ..... | 87.0   | 95.7             | 98.0     | 104.8 | 118.9      |
| 2002 ..... | 86.5   | 93.6             | 90.6     | 100.8 | 113.7      |

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

**Table 12-37.—Timber products: Structural panels, LVL, and lumber production, United States, 1993–2002**

| Year       | Laminated veneer lumber <sup>1</sup> | Oriented strand board       | Plywood                     | Medium-density fiberboard   | Lumber                      |                             |
|------------|--------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|            |                                      |                             |                             |                             | Hardwood                    | Softwood <sup>2</sup>       |
|            | <i>Million cubic meters</i>          | <i>Million cubic meters</i> | <i>Million cubic meters</i> | <i>Million cubic meters</i> | <i>Million cubic meters</i> | <i>Million cubic meters</i> |
| 1993 ..... | 0.59                                 | 6.20                        | 17.09                       | 2.05                        | 28.80                       | 56.00                       |
| 1994 ..... | 0.65                                 | 6.63                        | 17.38                       | 2.21                        | 29.20                       | 58.00                       |
| 1995 ..... | 0.79                                 | 6.99                        | 17.14                       | 1.96                        | 29.80                       | 54.80                       |
| 1996 ..... | 0.91                                 | 8.24                        | 16.98                       | 2.21                        | 29.50                       | 56.60                       |
| 1997 ..... | 1.08                                 | 9.32                        | 15.90                       | 2.45                        | 29.90                       | 58.90                       |
| 1998 ..... | 1.16                                 | 9.94                        | 15.73                       | 2.48                        | 29.97                       | 59.00                       |
| 1999 ..... | 1.36                                 | 10.28                       | 15.77                       | 2.50                        | 30.44                       | 62.39                       |
| 2000 ..... | 1.35                                 | 10.54                       | 15.47                       | 2.63                        | 29.74                       | 61.20                       |
| 2001 ..... | 1.51                                 | 11.09                       | 13.38                       | 2.45                        | 27.93                       | 58.78                       |
| 2002 ..... | 1.58                                 | 11.88                       | 13.45                       | 2.87                        | 27.73                       | 61.91                       |

<sup>1</sup> Prior to 1994, data are estimates from various articles and reports. <sup>2</sup> Revised due to softwood conversion factor of 1.7 (2.36 was previously used).

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

## CHAPTER XIII

### CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities of food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income.

**Table 13-1.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1994–2003**

| Year       | Jan. 1          | July 1          |
|------------|-----------------|-----------------|
|            | <i>Millions</i> | <i>Millions</i> |
| 1994 ..... | 257.7           | 258.9           |
| 1995 ..... | 260.2           | 261.4           |
| 1996 ..... | 262.8           | 263.9           |
| 1997 ..... | 265.3           | 266.5           |
| 1998 ..... | 267.9           | 269.0           |
| 1999 ..... | 270.4           | 271.5           |
| 2000 ..... | 272.8           | 281.0           |
| 2001 ..... | 282.5           | 283.9           |
| 2002 ..... | 285.4           | 286.7           |
| 2003 ..... | 288.2           | 289.6           |

ERS, Rural Economy Branch (202) 694–5436. Compiled from reports of the U.S. Department of Commerce, Census Bureau.

**Table 13-2.—Macronutrients: Quantities available for consumption per capita per day, United States, 1970–2000<sup>1</sup>**

| Year     | Food energy          | Protein      | Fat          |                 |              |                 | Cholesterol        | Carbohydrate | Dietary fiber |
|----------|----------------------|--------------|--------------|-----------------|--------------|-----------------|--------------------|--------------|---------------|
|          |                      |              | Total fat    | Monounsaturated | Saturated    | Polyunsaturated |                    |              |               |
|          | <i>Kilo-calories</i> | <i>Grams</i> | <i>Grams</i> | <i>Grams</i>    | <i>Grams</i> | <i>Grams</i>    | <i>Milli-grams</i> | <i>Grams</i> | <i>Grams</i>  |
| 1970 ... | 3,300                | 96           | 151          | 61              | 53           | 26              | 470                | 393          | 19            |
| 1971 ... | 3,300                | 97           | 152          | 61              | 53           | 26              | 470                | 394          | 19            |
| 1972 ... | 3,300                | 96           | 152          | 61              | 53           | 27              | 460                | 389          | 19            |
| 1973 ... | 3,200                | 94           | 147          | 59              | 50           | 27              | 430                | 395          | 19            |
| 1974 ... | 3,200                | 94           | 149          | 60              | 51           | 27              | 440                | 386          | 19            |
| 1975 ... | 3,200                | 92           | 144          | 57              | 49           | 27              | 420                | 386          | 19            |
| 1976 ... | 3,300                | 96           | 150          | 60              | 51           | 29              | 430                | 399          | 19            |
| 1977 ... | 3,200                | 95           | 147          | 59              | 50           | 28              | 430                | 398          | 19            |
| 1978 ... | 3,200                | 94           | 148          | 60              | 50           | 29              | 430                | 390          | 19            |
| 1979 ... | 3,300                | 95           | 150          | 61              | 50           | 30              | 430                | 396          | 19            |
| 1980 ... | 3,300                | 94           | 151          | 61              | 51           | 30              | 430                | 395          | 19            |
| 1981 ... | 3,300                | 94           | 151          | 61              | 50           | 30              | 420                | 394          | 19            |
| 1982 ... | 3,300                | 94           | 151          | 61              | 50           | 30              | 420                | 395          | 19            |
| 1983 ... | 3,300                | 96           | 155          | 62              | 52           | 31              | 420                | 399          | 20            |
| 1984 ... | 3,400                | 97           | 157          | 64              | 52           | 31              | 420                | 404          | 20            |
| 1985 ... | 3,500                | 100          | 162          | 66              | 54           | 32              | 430                | 419          | 21            |
| 1986 ... | 3,500                | 101          | 161          | 66              | 54           | 32              | 420                | 424          | 21            |
| 1987 ... | 3,500                | 102          | 159          | 65              | 53           | 32              | 420                | 435          | 21            |
| 1988 ... | 3,600                | 103          | 160          | 65              | 52           | 33              | 420                | 442          | 22            |
| 1989 ... | 3,500                | 102          | 155          | 64              | 51           | 32              | 410                | 441          | 22            |
| 1990 ... | 3,600                | 104          | 157          | 65              | 51           | 32              | 400                | 453          | 22            |
| 1991 ... | 3,600                | 104          | 154          | 65              | 50           | 33              | 400                | 455          | 23            |
| 1992 ... | 3,600                | 106          | 158          | 67              | 51           | 33              | 400                | 464          | 23            |
| 1993 ... | 3,700                | 106          | 161          | 69              | 52           | 34              | 400                | 472          | 23            |
| 1994 ... | 3,700                | 108          | 159          | 68              | 51           | 33              | 410                | 480          | 23            |
| 1995 ... | 3,700                | 107          | 156          | 66              | 50           | 32              | 400                | 478          | 23            |
| 1996 ... | 3,700                | 107          | 154          | 66              | 49           | 32              | 400                | 488          | 23            |
| 1997 ... | 3,700                | 107          | 153          | 65              | 49           | 32              | 400                | 491          | 23            |
| 1998 ... | 3,700                | 108          | 156          | 66              | 50           | 32              | 410                | 492          | 24            |
| 1999 ... | 3,800                | 109          | 161          | 69              | 51           | 34              | 420                | 495          | 24            |
| 2000 ... | 3,900                | 110          | 170          | 72              | 54           | 36              | 430                | 493          | 24            |

See footnote at end of table.



**Table 13-2.—Vitamins: Quantities available for consumption per capita per day, United States, 1970–2000<sup>1</sup>—Continued**

| Year       | Vitamins  |  |  |                         |                         |                         |                         |                             |                         |                         |                              |
|------------|---|--|--|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------------|-------------------------|-------------------------|------------------------------|
|            | Vita-<br>min A  | Caro-<br>tenes   | Vita-<br>min E                                     | Vita-<br>min C          | Thia-<br>min            | Ribo-<br>flavin         | Niacin                  | Vita-<br>min B <sub>6</sub> | Total<br>Folate         | Folate<br>DFE           | Vita-<br>min B <sub>12</sub> |
|            | <i>Micro-<br/>grams<br/>retinol<br/>activity<br/>equiv-<br/>alent</i> | <i>Micro-<br/>grams<br/>retinol<br/>equiv-<br/>alent</i> | <i>Milli-<br/>grams<br/>alpha-to-<br/>copherol</i> | <i>Milli-<br/>grams</i> | <i>Milli-<br/>grams</i> | <i>Milli-<br/>grams</i> | <i>Milli-<br/>grams</i> | <i>Milli-<br/>grams</i>     | <i>Micro-<br/>grams</i> | <i>Micro-<br/>grams</i> | <i>Micro-<br/>grams</i>      |
| 1970 ..... | 1,220   | 480  | 13.3   | 104                     | 1.9                     | 2.3                     | 21                      | 2.0                         | 290                     | 285                     | 9.5                          |
| 1971 ..... | 1,230   | 490  | 13.0   | 105                     | 2.0                     | 2.3                     | 22                      | 2.0                         | 292                     | 286                     | 9.5                          |
| 1972 ..... | 1,230   | 520  | 13.4   | 106                     | 2.0                     | 2.3                     | 22                      | 2.0                         | 291                     | 284                     | 9.4                          |
| 1973 ..... | 1,200   | 550  | 13.9   | 104                     | 2.0                     | 2.2                     | 22                      | 1.9                         | 296                     | 290                     | 8.9                          |
| 1974 ..... | 1,260   | 580  | 13.8   | 111                     | 2.3                     | 2.6                     | 25                      | 2.1                         | 346                     | 287                     | 9.1                          |
| 1975 ..... | 1,260   | 590  | 14.0   | 114                     | 2.3                     | 2.6                     | 26                      | 2.0                         | 359                     | 302                     | 8.5                          |
| 1976 ..... | 1,280   | 590  | 14.4   | 116                     | 2.4                     | 2.7                     | 27                      | 2.1                         | 365                     | 306                     | 8.9                          |
| 1977 ..... | 1,240   | 550  | 14.0   | 115                     | 2.4                     | 2.6                     | 26                      | 2.1                         | 365                     | 306                     | 8.8                          |
| 1978 ..... | 1,220   | 550  | 14.3   | 111                     | 2.3                     | 2.6                     | 26                      | 2.0                         | 353                     | 295                     | 8.5                          |
| 1979 ..... | 1,230   | 580  | 14.4   | 112                     | 2.4                     | 2.6                     | 27                      | 2.1                         | 366                     | 307                     | 8.2                          |
| 1980 ..... | 1,220   | 570  | 14.3   | 115                     | 2.4                     | 2.6                     | 27                      | 2.1                         | 360                     | 301                     | 8.2                          |
| 1981 ..... | 1,220   | 580  | 14.5   | 113                     | 2.4                     | 2.6                     | 27                      | 2.1                         | 360                     | 301                     | 8.3                          |
| 1982 ..... | 1,200   | 600  | 14.8   | 114                     | 2.4                     | 2.6                     | 27                      | 2.1                         | 366                     | 307                     | 7.9                          |
| 1983 ..... | 1,210   | 570  | 15.1   | 118                     | 2.4                     | 2.6                     | 27                      | 2.1                         | 371                     | 311                     | 8.2                          |
| 1984 ..... | 1,220   | 600  | 15.5   | 116                     | 2.5                     | 2.7                     | 28                      | 2.2                         | 365                     | 305                     | 8.3                          |
| 1985 ..... | 1,210   | 600  | 16.0   | 117                     | 2.5                     | 2.7                     | 28                      | 2.2                         | 382                     | 318                     | 8.3                          |
| 1986 ..... | 1,210   | 580  | 16.2   | 121                     | 2.6                     | 2.7                     | 29                      | 2.2                         | 386                     | 320                     | 8.2                          |
| 1987 ..... | 1,220   | 610  | 16.2   | 117                     | 2.6                     | 2.8                     | 29                      | 2.3                         | 379                     | 309                     | 8.2                          |
| 1988 ..... | 1,180   | 570  | 16.8   | 119                     | 2.7                     | 2.8                     | 30                      | 2.3                         | 393                     | 324                     | 8.0                          |
| 1989 ..... | 1,210   | 610  | 16.5   | 119                     | 2.7                     | 2.8                     | 30                      | 2.3                         | 388                     | 319                     | 8.1                          |
| 1990 ..... | 1,220   | 630  | 16.8   | 115                     | 2.8                     | 2.9                     | 30                      | 2.3                         | 397                     | 323                     | 8.0                          |
| 1991 ..... | 1,190   | 600  | 17.2   | 118                     | 2.8                     | 2.9                     | 31                      | 2.4                         | 406                     | 334                     | 7.9                          |
| 1992 ..... | 1,230   | 640  | 17.4   | 126                     | 2.9                     | 2.9                     | 31                      | 2.4                         | 422                     | 346                     | 7.9                          |
| 1993 ..... | 1,260   | 710  | 17.9   | 126                     | 2.9                     | 2.9                     | 31                      | 2.4                         | 409                     | 331                     | 7.8                          |
| 1994 ..... | 1,290   | 780  | 17.4   | 128                     | 2.9                     | 2.9                     | 31                      | 2.4                         | 412                     | 332                     | 8.0                          |
| 1995 ..... | 1,260   | 720  | 16.8   | 126                     | 2.9                     | 2.8                     | 31                      | 2.4                         | 401                     | 324                     | 8.0                          |
| 1996 ..... | 1,280   | 780  | 16.6   | 133                     | 2.9                     | 2.9                     | 31                      | 2.4                         | 405                     | 324                     | 8.0                          |
| 1997 ..... | 1,290   | 820  | 16.8   | 128                     | 2.9                     | 2.8                     | 31                      | 2.4                         | 399                     | 318                     | 7.8                          |
| 1998 ..... | 1,270   | 780  | 16.9   | 130                     | 2.9                     | 2.8                     | 31                      | 2.4                         | 896                     | 896                     | 8.0                          |
| 1999 ..... | 1,260   | 730  | 17.6   | 129                     | 2.9                     | 2.9                     | 32                      | 2.5                         | 905                     | 905                     | 8.0                          |
| 2000 ..... | 1,260   | 720  | 19.2   | 126                     | 2.9                     | 2.9                     | 32                      | 2.4                         | 907                     | 907                     | 8.3                          |

| Year       | Minerals                |                         |                         |                         |                         |                         |                         |                         |                          |  |
|------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--|
|            | Calcium                 | Phos-<br>phorus         | Magne-<br>sium          | Iron                    | Zinc                    | Copper                  | Selen-<br>ium           | Potas-<br>sium          | Sodi-<br>um <sup>2</sup> |  |
|            | <i>Milli-<br/>grams</i> | <i>Milli-<br/>grams</i> | <i>Milli-<br/>grams</i> | <i>Milli-<br/>grams</i> | <i>Milli-<br/>grams</i> | <i>Milli-<br/>grams</i> | <i>Micro-<br/>grams</i> | <i>Milli-<br/>grams</i> | <i>Milli-<br/>grams</i>  |  |
| 1970 ..... | 930                     | 1,510                   | 330                     | 15.7                    | 12.3                    | 1.5                     | 127                     | 3,480                   | 1,370                    |  |
| 1971 ..... | 940                     | 1,520                   | 330                     | 15.9                    | 12.4                    | 1.5                     | 128                     | 3,480                   | 1,400                    |  |
| 1972 ..... | 930                     | 1,510                   | 330                     | 15.8                    | 12.2                    | 1.6                     | 128                     | 3,460                   | 1,370                    |  |
| 1973 ..... | 940                     | 1,490                   | 330                     | 15.9                    | 11.9                    | 1.6                     | 123                     | 3,450                   | 1,340                    |  |
| 1974 ..... | 910                     | 1,480                   | 330                     | 16.3                    | 13.3                    | 1.6                     | 118                     | 3,400                   | 1,350                    |  |
| 1975 ..... | 890                     | 1,440                   | 330                     | 16.5                    | 13.1                    | 1.6                     | 136                     | 3,390                   | 1,320                    |  |
| 1976 ..... | 910                     | 1,490                   | 340                     | 17.0                    | 13.6                    | 1.6                     | 140                     | 3,490                   | 1,380                    |  |
| 1977 ..... | 900                     | 1,480                   | 330                     | 16.7                    | 13.5                    | 1.6                     | 133                     | 3,420                   | 1,360                    |  |
| 1978 ..... | 890                     | 1,460                   | 320                     | 16.3                    | 13.3                    | 1.6                     | 135                     | 3,350                   | 1,360                    |  |
| 1979 ..... | 900                     | 1,480                   | 330                     | 16.8                    | 13.4                    | 1.6                     | 135                     | 3,420                   | 1,370                    |  |
| 1980 ..... | 890                     | 1,470                   | 330                     | 16.7                    | 13.3                    | 1.6                     | 133                     | 3,380                   | 1,330                    |  |
| 1981 ..... | 880                     | 1,460                   | 330                     | 16.8                    | 13.4                    | 1.6                     | 133                     | 3,350                   | 1,320                    |  |
| 1982 ..... | 890                     | 1,470                   | 330                     | 17.0                    | 13.4                    | 1.6                     | 135                     | 3,370                   | 1,310                    |  |
| 1983 ..... | 900                     | 1,490                   | 340                     | 19.4                    | 13.6                    | 1.7                     | 138                     | 3,430                   | 1,330                    |  |
| 1984 ..... | 910                     | 1,510                   | 340                     | 19.5                    | 13.7                    | 1.7                     | 138                     | 3,440                   | 1,360                    |  |
| 1985 ..... | 940                     | 1,550                   | 350                     | 20.3                    | 14.1                    | 1.7                     | 141                     | 3,530                   | 1,370                    |  |
| 1986 ..... | 950                     | 1,580                   | 360                     | 20.6                    | 14.3                    | 1.8                     | 143                     | 3,590                   | 1,380                    |  |
| 1987 ..... | 950                     | 1,590                   | 360                     | 20.9                    | 14.2                    | 1.7                     | 144                     | 3,540                   | 1,370                    |  |
| 1988 ..... | 940                     | 1,600                   | 370                     | 21.4                    | 14.5                    | 1.8                     | 145                     | 3,570                   | 1,340                    |  |
| 1989 ..... | 930                     | 1,590                   | 370                     | 21.4                    | 14.5                    | 1.8                     | 146                     | 3,560                   | 1,350                    |  |
| 1990 ..... | 960                     | 1,620                   | 370                     | 22.1                    | 14.8                    | 1.8                     | 147                     | 3,590                   | 1,370                    |  |
| 1991 ..... | 960                     | 1,620                   | 380                     | 22.3                    | 14.9                    | 1.8                     | 154                     | 3,630                   | 1,360                    |  |
| 1992 ..... | 970                     | 1,640                   | 380                     | 22.8                    | 15.2                    | 1.9                     | 158                     | 3,700                   | 1,380                    |  |
| 1993 ..... | 960                     | 1,630                   | 380                     | 22.6                    | 15.0                    | 1.9                     | 158                     | 3,680                   | 1,380                    |  |
| 1994 ..... | 980                     | 1,660                   | 380                     | 22.7                    | 15.0                    | 1.9                     | 159                     | 3,740                   | 1,380                    |  |
| 1995 ..... | 960                     | 1,630                   | 370                     | 22.3                    | 14.7                    | 1.8                     | 156                     | 3,650                   | 1,350                    |  |
| 1996 ..... | 970                     | 1,640                   | 380                     | 22.5                    | 14.7                    | 1.9                     | 160                     | 3,720                   | 1,330                    |  |
| 1997 ..... | 970                     | 1,630                   | 370                     | 22.4                    | 14.4                    | 1.8                     | 161                     | 3,690                   | 1,340                    |  |
| 1998 ..... | 970                     | 1,650                   | 380                     | 22.6                    | 14.6                    | 1.9                     | 174                     | 3,730                   | 1,330                    |  |
| 1999 ..... | 970                     | 1,660                   | 380                     | 23.0                    | 15.0                    | 1.9                     | 175                     | 3,750                   | 1,330                    |  |
| 2000 ..... | 960                     | 1,670                   | 380                     | 23.1                    | 15.0                    | 1.9                     | 176                     | 3,740                   | 1,340                    |  |

<sup>1</sup> Computed by Center for Nutrition Policy and Promotion (CNPP), USDA. Based on Economic Research Service estimates of per capita quantities of food available for consumption (retail weight) and on CNPP estimates of quantities of produce from home gardens and certain other foods. No deduction is made in food supply estimates for loss of food or nutrients in further processing, in marketing, or in the home. Data include iron, thiamin, riboflavin, niacin, vitamin A, vitamin B<sub>6</sub>, vitamin B<sub>12</sub>, ascorbic acid, and zinc added by enrichment and fortification. <sup>2</sup> Sodium levels do not reflect sodium from most processed foods and therefore underestimate total sodium available in the U.S. food supply.

**Table 13-3.—Food nutrients: Percentage of total contributed by major food groups, 1970<sup>1</sup>**

| Nutrient                                       | Meat, poultry, fish | Dairy <sup>2</sup> products | Eggs           | Fats, <sup>3</sup> oils | Fruits         |                |                    |
|--|---------------------|-----------------------------|----------------|-------------------------|----------------|----------------|--------------------|
|  |                     |                             |                |                         | Citrus         | Non-citrus     | Total <sup>5</sup> |
|  | <i>Percent</i>      | <i>Percent</i>              | <i>Percent</i> | <i>Percent</i>          | <i>Percent</i> | <i>Percent</i> | <i>Percent</i>     |
| Food energy .....                              | 19.5                | 10.9                        | 2.0            | 17.8                    | 0.9            | 2.0            | 2.9                |
| Carbohydrate .....                             | 0.1                 | 6.6                         | 0.1            | 0                       | 1.8            | 4.2            | 5.9                |
| Protein .....                                  | 39.9                | 22.0                        | 5.6            | 0.2                     | 0.5            | 0.7            | 1.2                |
| Total fat .....                                | 34.8                | 12.8                        | 2.9            | 43.3                    | 0.1            | 0.3            | 0.4                |
| Saturated fat .....                            | 37.8                | 22.7                        | 2.5            | 33.3                    | 0              | 0.2            | 0.2                |
| Monounsaturated fat .....                      | 38.5                | 9.1                         | 2.7            | 44.3                    | 0              | 0.4            | 0.4                |
| Polyunsaturated fat .....                      | 19.1                | 2.5                         | 2.2            | 64.5                    | 0.1            | 0.4            | 0.5                |
| Cholesterol .....                              | 39.2                | 15.6                        | 39.5           | 5.7                     | 0              | 0              | 0                  |
| Dietary fiber .....                            | 0                   | 0.4                         | 0              | 0                       | 3.0            | 10.0           | 13.0               |
| Vitamin A (retinol activity equivalents) ..... | 36.0                | 21.8                        | 6.7            | 11.6                    | 0.3            | 1.6            | 1.9                |
| Carotene (retinol equivalents) .....           | 0                   | 3.3                         | 0              | 4.8                     | 1.6            | 8.0            | 9.6                |
| Vitamin E .....                                | 5.4                 | 3.9                         | 3.4            | 65.7                    | 0.9            | 3.2            | 4.1                |
| Vitamin C .....                                | 2.4                 | 4.2                         | 0              | 0                       | 25.5           | 14.5           | 40.0               |
| Thiamin .....                                  | 25.1                | 8.9                         | 1.3            | 0.1                     | 2.3            | 1.9            | 4.2                |
| Riboflavin .....                               | 21.6                | 38.4                        | 9.5            | 0.3                     | 0.6            | 1.7            | 2.3                |
| Niacin .....                                   | 43.9                | 2.2                         | 0.1            | 0                       | 0.7            | 2.0            | 2.7                |
| Vitamin B <sup>6</sup> .....                   | 38.2                | 12.1                        | 2.9            | 0.1                     | 1.6            | 7.2            | 8.7                |
| Folate .....                                   | 9.8                 | 9.5                         | 7.0            | 0.1                     | 6.6            | 2.7            | 9.3                |
| Folate DFE .....                               | 9.8                 | 9.1                         | 7.0            | 0.1                     | 6.6            | 2.7            | 9.3                |
| Vitamin B <sup>12</sup> .....                  | 73.3                | 20.3                        | 4.5            | 0.2                     | 0              | 0              | 0                  |
| Calcium .....                                  | 2.8                 | 75.6                        | 2.3            | 0.6                     | 1.2            | 1.1            | 2.3                |
| Phosphorus .....                               | 25.6                | 36.7                        | 5.1            | 0.3                     | 0.6            | 1.0            | 1.6                |
| Magnesium .....                                | 12.8                | 20.8                        | 1.3            | 0.1                     | 2.0            | 3.9            | 5.9                |
| Iron .....                                     | 22.7                | 2.4                         | 4.0            | 0.1                     | 0.6            | 2.5            | 3.1                |
| Zinc .....                                     | 46.9                | 19.4                        | 3.9            | 0.1                     | 0.3            | 0.9            | 1.3                |
| Copper .....                                   | 19.7                | 3.5                         | 0.3            | 0                       | 1.7            | 5.0            | 6.7                |
| Selenium .....                                 | 18.4                | 16.2                        | 10.5           | 0.1                     | 0.2            | 0.4            | 0.6                |
| Potassium .....                                | 16.6                | 23.7                        | 1.5            | 0.2                     | 3.3            | 6.0            | 9.3                |
| Sodium .....                                   | 24.5                | 25.9                        | 4.0            | 13.2                    | 0              | 1.4            | 1.4                |

| Nutrient                                       | Vegetables     |                         |                |                    | Legumes, nuts, soy | Grain products | Sugars, sweeteners | Miscellaneous <sup>4</sup> | Total <sup>5</sup> |
|--|----------------|-------------------------|----------------|--------------------|--------------------|----------------|--------------------|----------------------------|--------------------|
|  | White potatoes | Dark green, deep yellow | Other          | Total <sup>5</sup> |                    |                |                    |                            |                    |
|  | <i>Percent</i> | <i>Percent</i>          | <i>Percent</i> | <i>Percent</i>     | <i>Percent</i>     | <i>Percent</i> | <i>Percent</i>     | <i>Percent</i>             | <i>Percent</i>     |
| Food energy .....                              | 2.8            | 0.4                     | 1.5            | 5.2                | 2.9                | 19.4           | 18.6               | 0.8                        | 100                |
| Carbohydrate .....                             | 5.2            | 0.7                     | 2.7            | 9.7                | 2.2                | 33.9           | 40.2               | 1.2                        | 99.9               |
| Protein .....                                  | 2.4            | 0.4                     | 2.2            | 5.6                | 5.4                | 18.6           | 0                  | 1.5                        | 100                |
| Total fat .....                                | 0.1            | 0                       | 0.2            | 0.4                | 3.5                | 1.4            | 0                  | 0.7                        | 100.2              |
| Saturated fat .....                            | 0.1            | 0                       | 0.1            | 0.2                | 1.9                | 0.6            | 0                  | 0.7                        | 99.9               |
| Monounsaturated fat ...                        | 0              | 0                       | 0.1            | 0.1                | 3.8                | 0.5            | 0                  | 0.6                        | 100                |
| Polyunsaturated fat .....                      | 0.2            | 0.1                     | 0.6            | 1.1                | 6.2                | 3.2            | 0                  | 0.6                        | 99.9               |
| Cholesterol .....                              | 0              | 0                       | 0              | 0                  | 0                  | 0              | 0                  | 0                          | 100                |
| Dietary fiber .....                            | 11.4           | 3.5                     | 13.8           | 32.9               | 14.3               | 30.5           | 0                  | 8.9                        | 100                |
| Vitamin A (retinol activity equivalents) ..... | 0              | 12.8                    | 2.3            | 16.6               | 0                  | 0.2            | 0                  | 5.2                        | 100                |
| Carotene (retinol equivalents) .....           | 0              | 62.5                    | 11.7           | 78.4               | 0.1                | 0.5            | 0                  | 3.3                        | 100                |
| Vitamin E .....                                | 0.3            | 1.1                     | 2.7            | 8.1                | 6.3                | 2.7            | 0                  | 0.4                        | 100                |
| Vitamin C .....                                | 18.5           | 6.4                     | 14.7           | 48.9               | 0                  | 0              | 0                  | 4.5                        | 100                |
| Thiamin .....                                  | 5.5            | 0.8                     | 3.9            | 11.7               | 5.3                | 42.7           | 0.1                | 0.6                        | 100                |
| Riboflavin .....                               | 1.2            | 0.9                     | 2.7            | 5.9                | 1.5                | 18.4           | 0.7                | 1.2                        | 99.8               |
| Niacin .....                                   | 6.2            | 0.8                     | 3.1            | 12.3               | 4.9                | 29.2           | 0                  | 4.6                        | 99.9               |
| Vitamin B <sup>6</sup> .....                   | 14.0           | 2.2                     | 4.8            | 24.2               | 3.4                | 9.1            | 0.3                | 1.1                        | 100.1              |
| Folate .....                                   | 5.5            | 2.8                     | 15.9           | 27.3               | 19.5               | 15.2           | 0                  | 2.3                        | 100                |
| Folate DFE .....                               | 5.5            | 2.9                     | 15.9           | 27.4               | 19.5               | 15.5           | 0                  | 2.3                        | 100                |
| Vitamin B <sup>12</sup> .....                  | 0              | 0                       | 0              | 0                  | 0                  | 1.6            | 0                  | 0                          | 99.9               |
| Calcium .....                                  | 1.2            | 0.9                     | 3.5            | 6.5                | 3.6                | 3.4            | 0.7                | 2.2                        | 100                |
| Phosphorus .....                               | 3.6            | 0.6                     | 3.0            | 8.2                | 5.1                | 14.2           | 0.4                | 2.9                        | 100.1              |
| Magnesium .....                                | 6.6            | 1.3                     | 6.3            | 16.6               | 12.0               | 16.6           | 0.8                | 13                         | 99.9               |
| Iron .....                                     | 4.9            | 1.2                     | 5.5            | 13.7               | 9.3                | 36.4           | 1.3                | 7.1                        | 100.1              |
| Zinc .....                                     | 2.6            | 0.5                     | 3.0            | 6.8                | 5.9                | 12.0           | 0.5                | 3.2                        | 100                |
| Copper .....                                   | 6.3            | 1.5                     | 5.3            | 17.4               | 17.1               | 17.7           | 4.4                | 13.1                       | 99.9               |
| Selenium .....                                 | 1.7            | 0.2                     | 0.7            | 2.8                | 9.6                | 39.5           | 0.9                | 1.5                        | 100.1              |
| Potassium .....                                | 12.2           | 1.8                     | 6.8            | 25.3               | 7.8                | 6.4            | 0.5                | 8.6                        | 99.9               |
| Sodium .....                                   | 2.8            | 1.0                     | 15.3           | 27.3               | 0.2                | 0.5            | 2.7                | 0.3                        | 100                |

<sup>1</sup> Percentages of food groups are based on aggregate data. <sup>2</sup> Excludes butter. <sup>3</sup> Includes butter. <sup>4</sup> Coffee, tea, spices, chocolate liquor equivalent of cocoa beans, and fortification not assigned to a specific group. <sup>5</sup> Components may not add to total due to rounding.

**Table 13-4.—Food nutrients: Percentage of total contributed by major food groups, 2000<sup>1</sup>**

| Nutrient                                       | Meat, poultry, fish | Dairy products <sup>2</sup> | Eggs           | Fats, oils <sup>3</sup> | Fruits         |                |                    |
|--|---------------------|-----------------------------|----------------|-------------------------|----------------|----------------|--------------------|
|  |                     |                             |                |                         | Citrus         | Non-citrus     | Total <sup>5</sup> |
|  | <i>Percent</i>      | <i>Percent</i>              | <i>Percent</i> | <i>Percent</i>          | <i>Percent</i> | <i>Percent</i> | <i>Percent</i>     |
| Food energy .....                              | 14.0                | 9.1                         | 1.4            | 21.7                    | 0.9            | 2.2            | 3.1                |
| Carbohydrate .....                             | 0.1                 | 4.5                         | 0.1            | 0                       | 1.7            | 4.1            | 5.9                |
| Protein .....                                  | 39.7                | 19.4                        | 4.0            | 0.1                     | 0.5            | 0.7            | 1.3                |
| Total fat .....                                | 22.9                | 11.8                        | 2.1            | 55.7                    | 0              | 0.4            | 0.5                |
| Saturated fat .....                            | 25.6                | 23.4                        | 2.0            | 43.7                    | 0              | 0.3            | 0.3                |
| Monounsaturated fat .....                      | 25.2                | 7.9                         | 1.9            | 59.0                    | 0              | 0.4            | 0.5                |
| Polyunsaturated fat .....                      | 13.6                | 1.8                         | 1.3            | 72.4                    | 0              | 0.4            | 0.5                |
| Cholesterol .....                              | 43.5                | 16.0                        | 35.2           | 5.3                     | 0              | 0              | 0                  |
| Dietary fiber .....                            | 0                   | 0.4                         | 0              | 0                       | 2.3            | 9.1            | 11.4               |
| Vitamin A (retinol activity equivalents) ..... | 27.0                | 22.1                        | 5.3            | 9.1                     | 0.3            | 1.8            | 2.1                |
| Carotene (retinol equivalents) .....           | 0                   | 2.1                         | 0              | 2.6                     | 1.1            | 6.4            | 7.5                |
| Vitamin E .....                                | 4.0                 | 2.4                         | 1.9            | 71.6                    | 0.8            | 2.4            | 3.2                |
| Vitamin C .....                                | 2.0                 | 2.5                         | 0              | 0                       | 25.8           | 16.1           | 41.9               |
| Thiamin .....                                  | 17.5                | 4.7                         | 0.7            | 0                       | 1.8            | 1.7            | 3.5                |
| Riboflavin .....                               | 16.7                | 26.3                        | 6.1            | 0.2                     | 0.4            | 1.8            | 2.3                |
| Niacin .....                                   | 35.7                | 1.2                         | 0.1            | 0                       | 0.5            | 1.5            | 2.1                |
| Vitamin B <sup>6</sup> .....                   | 34.7                | 8.7                         | 1.9            | 0                       | 1.5            | 8.3            | 9.8                |
| Folate .....                                   | 3.6                 | 3.4                         | 2.4            | 0                       | 4.2            | 1.7            | 5.8                |
| Folate DFE .....                               | 2.7                 | 2.6                         | 1.8            | 0                       | 3.2            | 1.3            | 4.5                |
| Vitamin B <sup>12</sup> .....                  | 75.2                | 20.3                        | 4.3            | 0.2                     | 0              | 0              | 0                  |
| Calcium .....                                  | 3.2                 | 72.2                        | 1.8            | 0.4                     | 1.2            | 1.3            | 2.5                |
| Phosphorus .....                               | 24.8                | 32.7                        | 3.8            | 0.2                     | 0.7            | 1.1            | 1.9                |
| Magnesium .....                                | 12.6                | 15.8                        | 0.9            | 0.1                     | 2.1            | 4.3            | 6.4                |
| Iron .....                                     | 15.6                | 1.9                         | 2.2            | 0.1                     | 0.4            | 2.0            | 2.4                |
| Zinc .....                                     | 37.8                | 16.8                        | 2.6            | 0.1                     | 0.3            | 0.9            | 1.2                |
| Copper .....                                   | 14.3                | 2.7                         | 0.2            | 0                       | 1.7            | 4.8            | 6.4                |
| Selenium .....                                 | 28.1                | 10.9                        | 6.1            | 0                       | 0.1            | 0.4            | 0.5                |
| Potassium .....                                | 16.8                | 18.1                        | 1.1            | 0.1                     | 3.8            | 7.4            | 11.3               |
| Sodium .....                                   | 19.3                | 32.6                        | 3.3            | 11.1                    | 0.1            | 1.3            | 1.4                |

| Nutrient                                       | Vegetables     |                         |                |                    | Legumes, nuts, soy | Grain products | Sugars, sweeteners | Miscellaneous <sup>4</sup> | Total <sup>5</sup> |
|--|----------------|-------------------------|----------------|--------------------|--------------------|----------------|--------------------|----------------------------|--------------------|
|  | White potatoes | Dark-green, deep-yellow | Other          | Total <sup>5</sup> |                    |                |                    |                            |                    |
|  | <i>Percent</i> | <i>Percent</i>          | <i>Percent</i> | <i>Percent</i>     | <i>Percent</i>     | <i>Percent</i> | <i>Percent</i>     | <i>Percent</i>             | <i>Percent</i>     |
| Food energy .....                              | 2.4            | 0.4                     | 1.2            | 4.5                | 3.0                | 23.6           | 18.9               | 0.8                        | 100.1              |
| Carbohydrate .....                             | 4.3            | 0.8                     | 2.0            | 8.1                | 2.1                | 38.8           | 39.3               | 1.2                        | 100.1              |
| Protein .....                                  | 2.2            | 0.6                     | 1.8            | 5.2                | 6.3                | 22.2           | 0                  | 1.8                        | 100                |
| Total fat .....                                | 0.1            | 0.1                     | 0.2            | 0.4                | 3.5                | 2.2            | 0                  | 0.9                        | 100                |
| Saturated fat .....                            | 0.1            | 0                       | 0.1            | 0.2                | 2.2                | 1.5            | 0                  | 1.1                        | 100                |
| Monounsaturated fat ...                        | 0              | 0                       | 0.1            | 0.1                | 3.7                | 1.1            | 0                  | 0.7                        | 100.1              |
| Polyunsaturated fat .....                      | 0.1            | 0.1                     | 0.4            | 0.8                | 5.0                | 3.9            | 0                  | 0.7                        | 100                |
| Cholesterol .....                              | 0              | 0                       | 0              | 0                  | 0                  | 0              | 0                  | 0                          | 100                |
| Dietary fiber .....                            | 8.6            | 4.4                     | 9.9            | 26.8               | 15.0               | 35.1           | 0                  | 11.3                       | 100                |
| Vitamin A (retinol activity equivalents) ..... | 0              | 20.9                    | 1.7            | 24.2               | 0                  | 4.3            | 0                  | 5.9                        | 100                |
| Carotene (retinol equivalents) .....           | 0              | 72.9                    | 5.9            | 82.2               | 0.1                | 0.5            | 0                  | 5.0                        | 100                |
| Vitamin E .....                                | 0.2            | 1.8                     | 1.5            | 6.7                | 5.3                | 4.3            | 0                  | 0.5                        | 99.9               |
| Vitamin C .....                                | 15             | 12.7                    | 9.8            | 45.1               | 0.1                | 4.3            | 0                  | 4.2                        | 100.1              |
| Thiamin .....                                  | 4.4            | 1.0                     | 2.4            | 8.8                | 4.6                | 59.4           | 0.1                | 0.6                        | 99.9               |
| Riboflavin .....                               | 1.0            | 1.2                     | 2.2            | 5.4                | 1.6                | 39.2           | 0.8                | 1.4                        | 100                |
| Niacin .....                                   | 4.6            | 0.9                     | 2.1            | 9.3                | 3.8                | 44.8           | 0                  | 3.0                        | 100                |
| Vitamin B <sup>6</sup> .....                   | 11.3           | 2.9                     | 4.7            | 21.5               | 3.8                | 17.8           | 0.2                | 1.6                        | 100                |
| Folate .....                                   | 2.3            | 2.4                     | 5.9            | 11.7               | 9.9                | 61.8           | 0                  | 1.3                        | 99.9               |
| Folate DFE .....                               | 1.7            | 1.8                     | 4.5            | 8.9                | 7.6                | 70.9           | 0                  | 1.0                        | 100                |
| Vitamin B <sup>12</sup> .....                  | 0              | 0                       | 0              | 0                  | 0                  | 0.1            | 0                  | 0                          | 100.1              |
| Calcium .....                                  | 1.1            | 1.5                     | 3.4            | 6.9                | 4.5                | 4.8            | 0.7                | 3.0                        | 100                |
| Phosphorus .....                               | 3.0            | 1.0                     | 2.7            | 7.7                | 6.2                | 18.6           | 0.3                | 3.8                        | 100                |
| Magnesium .....                                | 5.4            | 1.9                     | 4.6            | 14.0               | 13.5               | 22.3           | 0.8                | 13.6                       | 100                |
| Iron .....                                     | 3.6            | 1.3                     | 3.4            | 9.8                | 7.9                | 52.1           | 0.9                | 7.1                        | 100                |
| Zinc .....                                     | 2.2            | 0.8                     | 2.4            | 5.9                | 5.7                | 25.6           | 0.5                | 3.8                        | 100                |
| Copper .....                                   | 5.0            | 1.7                     | 4.3            | 14.9               | 20.8               | 22.4           | 3.7                | 14.5                       | 99.9               |
| Selenium .....                                 | 1.3            | 0.2                     | 0.7            | 2.4                | 6.1                | 43.8           | 0.9                | 1.2                        | 100                |
| Potassium .....                                | 11.3           | 3.2                     | 6.2            | 25.2               | 9.6                | 9.1            | 0.5                | 8.2                        | 100                |
| Sodium .....                                   | 3.0            | 1.0                     | 11.8           | 27.0               | 0.3                | 0.9            | 3.7                | 0.4                        | 100                |

<sup>1</sup> Percentages of food groups are based on aggregate nutrient data. <sup>2</sup> Excludes butter. <sup>3</sup> Includes butter. <sup>4</sup> Coffee, tea, spices, chocolate liquor equivalent of cocoa beans, and fortification not assigned to a specific food group. <sup>5</sup> Components may not add to total due to rounding.

**Table 13-5.—Consumption: Per capita consumption of major food commodities, United States, 1994–2001<sup>1</sup>**

| Commodity                                     | 1994          | 1995          | 1996          | 1997          | 1998          | 1999          | 2000          | 2001 <sup>2</sup> |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
|   | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i>     |
| Red meats <sup>3,4</sup> .....                | 113.5         | 113.6         | 111.0         | 109.0         | 113.2         | 115.1         | 113.7         | 111.3             |
| Beef .....                                    | 62.9          | 63.5          | 64.0          | 62.6          | 63.6          | 64.3          | 64.5          | 63.1              |
| Veal .....                                    | 0.8           | 0.8           | 1.0           | 0.8           | 0.7           | 0.6           | 0.5           | 0.5               |
| Lamb and mutton .....                         | 0.9           | 0.9           | 0.8           | 0.8           | 0.9           | 0.8           | 0.8           | 0.8               |
| Pork .....                                    | 49.0          | 48.4          | 45.2          | 44.7          | 48.2          | 49.3          | 47.8          | 46.9              |
| Fish <sup>3</sup> .....                       | 15.0          | 14.8          | 14.5          | 14.3          | 14.5          | 14.8          | 15.2          | 14.7              |
| Canned .....                                  | 4.4           | 4.6           | 4.4           | 4.3           | 4.3           | 4.5           | 4.7           | 4.2               |
| Fresh and frozen .....                        | 10.2          | 9.8           | 9.8           | 9.7           | 9.9           | 10.1          | 10.2          | 10.2              |
| Cured .....                                   | 0.3           | 0.3           | 0.3           | 0.3           | 0.3           | 0.3           | 0.3           | 0.3               |
| Poultry <sup>3,4</sup> .....                  | 62.6          | 62.1          | 63.1          | 63.1          | 63.7          | 66.7          | 66.9          | 66.2              |
| Chicken .....                                 | 48.7          | 48.2          | 48.8          | 49.4          | 49.7          | 52.8          | 53.2          | 52.4              |
| Turkey .....                                  | 13.9          | 13.9          | 14.3          | 13.6          | 13.9          | 13.8          | 13.7          | 13.8              |
| Eggs .....                                    | 30.3          | 29.9          | 30.1          | 30.2          | 30.7          | 32.1          | 32.2          | 32.4              |
| Dairy products: <sup>5</sup>                  |               |               |               |               |               |               |               |                   |
| Total dairy products .....                    | 579.6         | 576.2         | 566.2         | 567.2         | 572.4         | 584.6         | 592.8         | 587.2             |
| Fluid milk and cream .....                    | 222.5         | 220.7         | 219.8         | 216.4         | 213.4         | 213.1         | 210.0         | 207.5             |
| Plain and flavored whole milk                 | 77.2          | 74.0          | 73.0          | 71.0          | 69.5          | 70.1          | 69.2          | 67.2              |
| Plain reduced fat and light                   |               |               |               |               |               |               |               |                   |
| milk (2%, 1%, and 0.5%) ...                   | 94.0          | 90.9          | 89.1          | 87.0          | 85.0          | 84.5          | 83.8          | 82.8              |
| Plain fat free milk (skim) .....              | 28.2          | 31.4          | 32.9          | 33.5          | 33.4          | 32.2          | 29.9          | 28.8              |
| Flavored lower fat fat free                   |               |               |               |               |               |               |               |                   |
| milk .....                                    | 7.0           | 7.2           | 7.7           | 7.9           | 8.2           | 8.4           | 8.7           | 8.9               |
| Buttermilk .....                              | 2.9           | 2.8           | 2.6           | 2.5           | 2.5           | 2.4           | 2.2           | 2.1               |
| Eggnog .....                                  | 0.4           | 0.4           | 0.4           | 0.4           | 0.4           | 0.4           | 0.3           | 0.4               |
| Yogurt (excl. frozen) .....                   | 5.3           | 6.2           | 5.9           | 5.8           | 5.9           | 6.2           | 6.5           | 7.0               |
| Heavy cream, light cream and                  |               |               |               |               |               |               |               |                   |
| half and half .....                           | 4.8           | 5.0           | 5.3           | 5.5           | 5.6           | 6.0           | 6.2           | 6.8               |
| Sour cream and dip .....                      | 2.7           | 2.9           | 2.8           | 2.9           | 3.0           | 3.0           | 3.2           | 3.5               |
| Cheese (excluding cottage) <sup>6</sup> ..... | 26.5          | 26.9          | 27.3          | 27.5          | 27.8          | 29.0          | 29.8          | 30.0              |
| American .....                                | 11.4          | 11.7          | 11.8          | 11.8          | 11.9          | 12.6          | 12.7          | 12.8              |
| Cheddar .....                                 | 9.0           | 9.0           | 9.0           | 9.4           | 9.4           | 9.8           | 9.7           | 9.9               |
| Italian .....                                 | 10.2          | 10.3          | 10.6          | 10.8          | 11.1          | 11.5          | 12.0          | 12.3              |
| Mozzarella .....                              | 7.8           | 8.0           | 8.3           | 8.2           | 8.6           | 9.0           | 9.3           | 9.7               |
| Cottage cheese .....                          | 2.8           | 2.7           | 2.6           | 2.6           | 2.7           | 2.6           | 2.6           | 2.6               |
| Condensed and evaporated milk                 | 8.0           | 6.8           | 6.3           | 6.5           | 6.1           | 6.5           | 5.8           | .....             |
| Ice cream .....                               | 16.0          | 15.5          | 15.6          | 16.1          | 16.3          | 16.7          | 16.6          | .....             |
| Fats and oils <sup>7</sup> .....              | 67.3          | 65.4          | 64.2          | 63.7          | 64.3          | 67.0          | 74.5          | .....             |
| Butter .....                                  | 4.8           | 4.4           | 4.3           | 4.1           | 4.4           | 4.7           | 4.5           | .....             |
| Margarine .....                               | 9.8           | 9.1           | 9.0           | 8.4           | 8.2           | 7.9           | 8.3           | .....             |
| Shortening .....                              | 23.9          | 22.2          | 21.9          | 20.5          | 20.5          | 21.1          | 23.1          | .....             |
| Lard (direct use) .....                       | 1.8           | 1.6           | 1.7           | 1.9           | 2.0           | 2.0           | 1.9           | .....             |
| Edible tallow (direct use) .....              | 2.4           | 2.7           | 2.9           | 2.1           | 3.1           | 3.6           | 4.0           | .....             |
| Salad and cooking oils .....                  | 25.9          | 26.5          | 25.7          | 28.0          | 27.3          | 28.8          | 33.7          | .....             |
| Fruits and vegetables <sup>4,8</sup> .....    | 691.2         | 690.6         | 700.5         | 708.4         | 696.7         | 698.3         | 705.4         | 688.7             |
| Fruits .....                                  | 278.4         | 283.3         | 283.1         | 290.3         | 283.9         | 284.6         | 280.3         | 275.7             |
| Fresh .....                                   | 124.9         | 122.5         | 126.2         | 129.4         | 128.8         | 129.6         | 127.2         | 125.8             |
| Citrus .....                                  | 24.7          | 23.8          | 24.6          | 26.5          | 26.6          | 20.3          | 23.4          | 24.3              |
| Noncitrus .....                               | 100.2         | 98.7          | 101.6         | 102.9         | 102.3         | 109.3         | 103.8         | 101.5             |
| Processing .....                              | 153.6         | 160.8         | 157.0         | 160.9         | 155.0         | 154.9         | 153.2         | 150.0             |
| Citrus .....                                  | 84.7          | 94.5          | 90.8          | 95.9          | 90.5          | 87.3          | 89.8          | 84.6              |
| Noncitrus .....                               | 68.8          | 66.3          | 66.2          | 65.0          | 64.5          | 67.7          | 63.3          | 65.3              |
| Vegetables .....                              | 412.8         | 407.2         | 417.4         | 418.0         | 412.9         | 413.7         | 425.1         | 412.9             |
| Fresh .....                                   | 186.5         | 180.9         | 185.9         | 190.1         | 186.5         | 191.3         | 200.4         | 196.6             |
| Processing .....                              | 226.3         | 226.3         | 231.6         | 227.9         | 226.4         | 222.4         | 224.7         | 216.3             |
| Flour and cereal products <sup>4</sup> .....  | 191.8         | 190.2         | 196.2         | 197.3         | 194.2         | 195.5         | 199.8         | 195.7             |
| Wheat flour <sup>9</sup> .....                | 142.9         | 140.0         | 146.4         | 146.8         | 143.0         | 142.6         | 146.3         | 140.9             |
| Rice (milled basis) .....                     | 18.0          | 18.6          | 17.6          | 18.1          | 18.3          | 19.5          | 19.6          | 20.2              |
| Corn products .....                           | 24.0          | 24.9          | 25.9          | 26.5          | 27.2          | 27.8          | 28.4          | 28.9              |
| Oat products .....                            | 5.7           | 5.4           | 5.0           | 4.6           | 4.4           | 4.4           | 4.3           | 4.4               |

See footnotes at end of table.

**Table 13-5.—Consumption: Per capita consumption of major food commodities, United States, 1994–2001<sup>1</sup>—Continued**

| Commodity  | 1994          | 1995          | 1996          | 1997          | 1998          | 1999          | 2000          | 2001 <sup>2</sup> |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
|  | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i>     |
| Barley and rye products .....                            | 1.3           | 1.3           | 1.3           | 1.2           | 1.3           | 1.2           | 1.2           | 1.2               |
| Caloric sweeteners (dry weight basis) <sup>4</sup> ..... | 141.5         | 143.8         | 145.0         | 148.1         | 149.1         | 151.3         | 148.9         | 147.1             |
| Sugar (refined) .....                                    | 64.3          | 64.7          | 65.5          | 65.3          | 65.1          | 66.3          | 65.5          | 64.4              |
| Corn sweeteners <sup>10</sup> .....                      | 75.9          | 77.9          | 78.2          | 81.5          | 82.7          | 83.5          | 81.9          | 81.4              |
| Honey and edible syrups .....                            | 1.3           | 1.3           | 1.4           | 1.3           | 1.3           | 1.4           | 1.5           | 1.3               |
| Other:   |               |               |               |               |               |               |               |                   |
| Coffee (green bean equivalent)                           | 8.1           | 7.9           | 8.7           | 9.1           | 9.3           | 9.8           | 10.3          | 9.4               |
| Cocoa (chocolate liquor equivalent) <sup>11</sup> .....  | 3.8           | 3.6           | 4.2           | 4.0           | 4.3           | 4.5           | 4.7           | 4.5               |
| Tea (dry leaf equivalent) .....                          | 0.9           | 0.8           | 0.8           | 0.8           | 0.9           | 0.9           | 0.8           | 0.9               |
| Peanuts (shelled) .....                                  | 5.7           | 5.6           | 5.6           | 5.7           | 5.8           | 6.0           | 5.8           | 5.8               |
| Tree nuts (shelled) .....                                | 2.3           | 1.9           | 1.9           | 2.1           | 2.2           | 2.5           | 2.2           | 2.9               |

<sup>1</sup>Quantity in pounds, retail weight unless otherwise shown. <sup>2</sup>Preliminary. <sup>3</sup>Boneless, trimmed weight equivalent. <sup>4</sup>Total may not add due to rounding. <sup>5</sup>Total dairy products reported on a milk-equivalent, milkfat basis. All other dairy categories reported on a product weight basis. <sup>6</sup>Natural equivalent of cheese and cheese products. <sup>7</sup>Total fats and oils reported on a fat content basis. All other fats and oils categories reported on a product weight basis. <sup>8</sup>Farm weight. <sup>9</sup>White, whole wheat, semolina, and durum flour. <sup>10</sup>High fructose, glucose, and dextrose. <sup>11</sup>Chocolate liquor is what remains after cocoa beans have been roasted and hulled; it is sometimes called ground or bitter chocolate. NA=Not available

ERS, Food and Rural Economics Division, (202) 694-5400. Historical consumption and supply-utilization data for food may be found at [www.ers.usda.gov/DATA/Food Consumption/](http://www.ers.usda.gov/DATA/Food Consumption/), ERS, USDA, 2002.

**Table 13-6.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States, for week and month, June 2003<sup>1</sup>**

| Age-gender groups                 | Weekly cost    |                |                    |                | Monthly cost   |                |                    |                |
|-----------------------------------|----------------|----------------|--------------------|----------------|----------------|----------------|--------------------|----------------|
|                                   | Thrifty plan   | Low-cost plan  | Moderate-cost plan | Liberal plan   | Thrifty plan   | Low-cost plan  | Moderate-cost plan | Liberal plan   |
|                                   | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>     | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>     | <i>Dollars</i> |
| Individuals: <sup>2</sup>         |                |                |                    |                |                |                |                    |                |
| Child:                            |                |                |                    |                |                |                |                    |                |
| 1 year .....                      | 16.80          | 20.80          | 24.50              | 29.60          | 72.80          | 90.10          | 106.20             | 128.30         |
| 2 year .....                      | 16.80          | 20.80          | 24.40              | 29.70          | 72.80          | 90.10          | 105.70             | 128.70         |
| 3-5 years .....                   | 18.30          | 22.80          | 28.20              | 33.70          | 79.30          | 98.80          | 122.20             | 146.00         |
| 6-8 years .....                   | 22.90          | 30.40          | 37.80              | 43.90          | 99.20          | 131.70         | 163.80             | 190.20         |
| 9-11 years .....                  | 27.00          | 34.50          | 44.10              | 51.00          | 117.00         | 149.50         | 191.10             | 221.00         |
| Male:                             |                |                |                    |                |                |                |                    |                |
| 12-14 years .....                 | 28.00          | 38.90          | 48.20              | 56.60          | 121.30         | 168.60         | 208.90             | 245.20         |
| 15-19 years .....                 | 28.90          | 40.20          | 50.10              | 57.90          | 125.20         | 174.20         | 217.10             | 250.90         |
| 20-50 years .....                 | 31.00          | 40.20          | 50.00              | 60.70          | 134.30         | 174.20         | 216.70             | 263.00         |
| 51 years and over .....           | 28.10          | 38.30          | 47.10              | 56.50          | 121.80         | 166.00         | 204.10             | 244.80         |
| Female:                           |                |                |                    |                |                |                |                    |                |
| 12-19 years .....                 | 27.90          | 33.50          | 40.70              | 49.10          | 120.90         | 145.20         | 176.40             | 212.80         |
| 20-50 years .....                 | 28.00          | 35.00          | 42.70              | 54.90          | 121.30         | 151.70         | 185.00             | 237.90         |
| 51 years and over .....           | 27.50          | 34.10          | 42.30              | 50.60          | 119.20         | 147.80         | 183.30             | 219.20         |
| Families:                         |                |                |                    |                |                |                |                    |                |
| Family of 2: <sup>3</sup>         |                |                |                    |                |                |                |                    |                |
| 20-50 years .....                 | 64.90          | 82.70          | 102.00             | 127.20         | 281.20         | 358.50         | 441.90             | 551.00         |
| 51 years and over .....           | 61.20          | 79.60          | 98.30              | 117.80         | 265.10         | 345.20         | 426.10             | 510.40         |
| Family of 4:                      |                |                |                    |                |                |                |                    |                |
| Couple, 20-50 years and children. |                |                |                    |                |                |                |                    |                |
| 2 and 3-5 years .....             | 94.10          | 118.80         | 145.30             | 179.00         | 407.70         | 514.80         | 629.60             | 775.60         |
| 6-8 and 9-11 years .....          | 108.90         | 140.10         | 174.60             | 210.50         | 471.80         | 607.10         | 756.60             | 912.10         |

<sup>1</sup>Basis is that all meals and snacks are purchased at stores and prepared at home. For specific foods and quantities of foods in the Thrifty Food Plan, see Family Economics and Nutrition Review, Vol. 13, No. 1 (2001), pp. 50-64; for specific foods and quantities of foods in the Low-Cost, Moderate-Cost, and Liberal Plans, see The Low-Cost, Moderate-Cost, and Liberal Food Plans, 2003 Administrative Report (2003). All four Food Plans are based on 1989-91 data and are updated to current dollars using the Consumer Price Index for specific food items.

Center for Nutrition Policy and Promotion, (703) 305-7600.

**Table 13-7.—Food Stamp Program: Participation and Federal costs, fiscal years 1993–2002**

| Fiscal year <sup>1</sup> | Average monthly participation <sup>2</sup> |              | Recipient benefits   | Total cost <sup>3</sup> | Average monthly benefit |                |
|--------------------------|--|--------------|----------------------|-------------------------|-------------------------|----------------|
|                          | Persons                                    | Housholds    |                      |                         | Per person              | Per household  |
|                          | <i>1,000</i>                               | <i>1,000</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i>    | <i>Dollars</i>          | <i>Dollars</i> |
| 1993 .....               | 26,982                                     | 10,788       | 22,006,031           | 23,652,972              | 67.96                   | 169.99         |
| 1994 .....               | 27,468                                     | 11,089       | 22,748,559           | 24,492,689              | 69.02                   | 170.96         |
| 1995 .....               | 26,619                                     | 10,879       | 22,764,067           | 24,619,600              | 71.27                   | 174.37         |
| 1996 .....               | 25,542                                     | 10,549       | 22,441,461           | 24,327,016              | 73.22                   | 177.28         |
| 1997 .....               | 22,858                                     | 9,455        | 19,550,178           | 21,486,911              | 71.27                   | 172.31         |
| 1998 .....               | 19,788                                     | 8,249        | 16,889,069           | 18,892,566              | 71.12                   | 170.62         |
| 1999 .....               | 18,183                                     | 7,668        | 15,755,368           | 17,698,161              | 72.21                   | 171.22         |
| 2000 .....               | 17,139                                     | 7,325        | 14,952,175           | 17,029,268              | 72.70                   | 170.11         |
| 2001 .....               | 17,313                                     | 7,447        | 15,547,018           | 17,800,023              | 74.83                   | 173.97         |
| 2002 <sup>4</sup> .....  | 19,094                                     | 8,193        | 18,256,575           | 20,690,543              | 79.68                   | 185.70         |

<sup>1</sup> October 1 to September 30. <sup>2</sup> Participation data are 12-month averages. <sup>3</sup> Total cost includes matching funds for state administrative expenses (e.g., certification of households, quality control, anti-fraud activities; employment and training); and for other Federal costs (e.g., benefit redemption processing; computer support; electronic benefit transfer systems; retailer redemption and monitoring; certification of SSI recipients; nutrition education and program information). <sup>4</sup> Preliminary.

FNS, Budget Division/Program Reports, Analysis and Monitoring Branch, (703) 305-2163

**Table 13-8.—Food and Nutrition Service Programs: Federal costs of the National School Lunch, School Breakfast, Child Care Food, Summer Food Service, WIC, Special Milk, and Food Distribution Programs, fiscal years 1993–2002 <sup>1</sup>**

| Fiscal year <sup>2</sup> | Child Nutrition            |                      |                                 |                      | Cost of food distributed <sup>5</sup> | WIC <sup>6</sup>     | Special Milk         | Food Distribution Programs <sup>7</sup> |
|--------------------------|----------------------------|----------------------|---------------------------------|----------------------|---------------------------------------|----------------------|----------------------|---|
|                          | Cash payments <sup>3</sup> |                      |                                 |                      |                                       |                      |                      |   |
|                          | School Lunch               | School Breakfast     | Child & Adult Care <sup>4</sup> | Summer Food          |                                       |                      |                      |   |
| <i>1,000 dollars</i>     | <i>1,000 dollars</i>       | <i>1,000 dollars</i> | <i>1,000 dollars</i>            | <i>1,000 dollars</i> | <i>1,000 dollars</i>                  | <i>1,000 dollars</i> | <i>1,000 dollars</i> |   |
| 1993 .....               | 4,081,343                  | 868,794              | 1,179,904                       | 217,459              | 703,945                               | 2,828,914            | 18,738               | 693,934                                 |
| 1994 .....               | 4,290,808                  | 959,044              | 1,303,271                       | 227,742              | 764,414                               | 3,169,503            | 17,751               | 696,805                                 |
| 1995 .....               | 4,466,446                  | 1,048,266            | 1,411,382                       | 235,451              | 732,886                               | 3,436,121            | 16,984               | 512,837                                 |
| 1996 .....               | 4,661,542                  | 1,118,738            | 1,479,107                       | 248,555              | 733,718                               | 3,683,572            | 16,755               | 406,746                                 |
| 1997 .....               | 4,934,039                  | 1,214,289            | 1,514,531                       | 242,499              | 661,288                               | 3,844,142            | 17,436               | 514,874                                 |
| 1998 .....               | 5,101,623                  | 1,272,211            | 1,489,658                       | 261,586              | 774,276                               | 3,889,874            | 16,943               | 551,605                                 |
| 1999 .....               | 5,314,245                  | 1,344,758            | 1,556,428                       | 266,805              | 753,644                               | 3,939,717            | 16,487               | 594,966                                 |
| 2000 .....               | 5,493,531                  | 1,393,404            | 1,619,584                       | 265,716              | 704,165                               | 3,981,028            | 15,440               | 531,208                                 |
| 2001 .....               | 5,612,057                  | 1,450,069            | 1,667,102                       | 269,836              | 917,026                               | 4,149,551            | 15,537               | 709,760                                 |
| 2002 <sup>8</sup> .....  | 6,050,577                  | 1,566,743            | 1,777,847                       | 260,665              | 864,220                               | 4,342,379            | 16,100               | 795,519                                 |

<sup>1</sup> See table 13-7 for Food Stamp Program costs. <sup>2</sup> October 1–September 30. <sup>3</sup> Includes sponsor administrative costs for the Child and Adult Care Food Program (CACFP) and the Summer Food Service Programs (SFS), and State administrative and health clinic expenses for SFS. Excludes CACFP audit and startup costs and School Breakfast startup costs. <sup>4</sup> The Adult Care component was initiated in fiscal year 1989. <sup>5</sup> Includes entitlement commodities, bonus commodities, and cash-in-lieu for the National School Lunch, School Breakfast, Child and Adult Care Food, and Summer Food Service Programs. <sup>6</sup> Includes food costs, administrative costs, program evaluation funds, special grants, and Farmers Market projects for the Special Supplemental Food Program for Women, Infants and Children. <sup>7</sup> Includes entitlement and bonus commodities, cash-in-lieu of commodities, and administrative costs of the following programs: Indian Reservations (Needy Family), Nutrition for the Elderly, Commodity Supplemental Food, Charitable Institutions, Summer Camps, Emergency Food Assistance Program (TEFAP), Soup Kitchens/Food Banks, Disaster Feeding, Bureau of Federal Prisons, and Veteran Affairs Administration. <sup>8</sup> Preliminary.

FNS, Budget Division/Program Reports, Analysis and Monitoring Branch, (703) 305-2163

**Table 13-9.—Food and Nutrition Service program benefits: Cash payments made under the National School Lunch, School Breakfast, Child and Adult Care, Summer Food and Special Milk Programs and the value of food benefits provided under the Food Stamp, WIC, Commodity Distribution and the Emergency Feeding Food Programs, fiscal year 2002<sup>1</sup>**

| State/Territory              | Child Nutrition Program (cash payments only) <sup>2</sup> |               |               |                       |               | Special Supplemental Food (WIC) <sup>3</sup> | Commodity distribution <sup>4</sup> | Food Stamp Program <sup>5</sup> | Emergency food assistance (TEFAP) | Total <sup>5</sup> |
|------------------------------|---|---------------|---------------|-----------------------|---------------|--|-------------------------------------|---------------------------------|-----------------------------------|--------------------|
|                              | Child and Adult Care Food                                 | Summer Food   | Special Milk  | National School Lunch | Breakfast     |  |                                     |                                 |                                   |                    |
|                              | 1,000 dollars   | 1,000 dollars | 1,000 dollars | 1,000 dollars         | 1,000 dollars | 1,000 dollars                                | 1,000 dollars                       | 1,000 dollars                   | 1,000 dollars                     | 1,000 dollars      |
| Alabama .....                | 30,265  | 3,663         | 60            | 119,423               | 30,024        | 53,708                                       | 18,448                              | 417,377                         | 7,831                             | 680,799            |
| Alaska .....                 | 5,483   | 252           | 3             | 17,444                | 3,178         | 13,019                                       | 1,976                               | 59,455                          | 1,273                             | 102,083            |
| Am. Samoa <sup>5</sup> ...   | 0   | 0             | 0             | 0                     | 0             | 4,103  | 0                                   | 0                               | 0                                 | 4,103              |
| Arizona .....                | 35,511  | 1,665         | 147           | 120,971               | 30,022        | 68,153                                       | 27,698                              | 385,908                         | 7,815                             | 677,892            |
| Arkansas .....               | 18,152  | 1,584         | 18            | 70,579                | 22,040        | 32,229                                       | 14,272                              | 264,534                         | 2,848                             | 426,256            |
| California .....             | 200,649   | 14,338        | 840           | 824,373               | 204,874       | 579,224                                      | 113,276                             | 1,706,715                       | 54,257                            | 3,698,544          |
| Colorado .....               | 18,508  | 685           | 164           | 57,866                | 10,866        | 30,829                                       | 14,684                              | 165,442                         | 3,371                             | 302,415            |
| Connecticut .....            | 8,659   | 1,098         | 448           | 50,177                | 10,917        | 25,847                                       | 11,755                              | 145,798                         | 1,756                             | 256,455            |
| Delaware .....               | 6,867   | 1,049         | 51            | 12,766                | 3,271         | 6,273  | 2,897                               | 39,293                          | 1,026                             | 73,493             |
| District of Col. ....        | 3,208   | 1,528         | 7             | 15,781                | 4,270         | 6,926  | 4,168                               | 75,668                          | 1,105                             | 112,661            |
| Florida .....                | 81,906  | 15,513        | 105           | 345,867               | 91,945        | 151,281                                      | 45,733                              | 878,455                         | 27,600                            | 1,638,404          |
| Georgia .....                | 60,636  | 9,794         | 31            | 230,905               | 73,228        | 93,332                                       | 37,165                              | 621,291                         | 7,303                             | 1,133,685          |
| Guam .....                   | 68  | 0             | 0             | 3,998                 | 1,261         | 3,963  | 375                                 | 51,816                          | 584                               | 62,085             |
| Hawaii .....                 | 4,170   | 670           | 6             | 28,368                | 6,430         | 17,695                                       | 3,664                               | 151,769                         | 1,559                             | 214,331            |
| Idaho .....                  | 4,000   | 1,296         | 208           | 26,825                | 5,094         | 11,366                                       | 5,546                               | 62,014                          | 1,556                             | 117,904            |
| Illinois .....               | 76,114  | 8,071         | 2,799         | 247,788               | 39,983        | 120,156                                      | 43,718                              | 923,306                         | 17,058                            | 1,478,992          |
| Indiana .....                | 24,775  | 2,561         | 307           | 102,353               | 22,273        | 46,043                                       | 19,247                              | 408,077                         | 8,939                             | 634,577            |
| Iowa .....                   | 13,617  | 641           | 122           | 50,246                | 10,381        | 23,375                                       | 15,296                              | 128,762                         | 2,441                             | 244,882            |
| Kansas .....                 | 23,368  | 1,006         | 141           | 50,086                | 13,876        | 21,415                                       | 12,600                              | 113,272                         | 4,528                             | 240,293            |
| Kentucky .....               | 22,619  | 4,073         | 103           | 101,010               | 34,085        | 47,919                                       | 19,545                              | 410,097                         | 5,035                             | 644,487            |
| Louisiana .....              | 39,885  | 5,961         | 51            | 145,142               | 45,456        | 58,522                                       | 39,940                              | 587,074                         | 8,292                             | 930,324            |
| Maine .....                  | 7,973   | 717           | 132           | 18,430                | 4,246         | 6,935  | 3,657                               | 97,447                          | 2,529                             | 142,066            |
| Maryland .....               | 27,960  | 3,927         | 481           | 80,310                | 21,582        | 36,057                                       | 13,391                              | 215,189                         | 2,301                             | 401,199            |
| Massachusetts .....          | 36,556  | 4,606         | 525           | 87,500                | 22,296        | 43,557                                       | 22,346                              | 209,236                         | 2,983                             | 429,604            |
| Michigan .....               | 41,033  | 3,652         | 862           | 154,681               | 40,126        | 87,462                                       | 49,819                              | 644,577                         | 12,010                            | 1,034,222          |
| Minnesota .....              | 48,293  | 2,533         | 977           | 75,952                | 17,245        | 40,038                                       | 23,574                              | 200,649                         | 3,948                             | 413,209            |
| Mississippi .....            | 22,480  | 3,770         | 6             | 105,639               | 36,514        | 41,323                                       | 18,460                              | 297,925                         | 4,147                             | 530,266            |
| Missouri .....               | 30,608  | 5,962         | 457           | 108,210               | 30,109        | 49,161                                       | 23,585                              | 476,894                         | 9,339                             | 734,326            |
| Montana .....                | 8,100   | 566           | 42            | 14,856                | 3,333         | 8,733  | 6,948                               | 57,920                          | 921                               | 101,421            |
| Nebraska .....               | 19,156  | 707           | 122           | 32,583                | 6,336         | 15,138                                       | 12,832                              | 74,382                          | 1,305                             | 162,560            |
| Nevada .....                 | 2,878   | 912           | 167           | 32,661                | 8,082         | 15,788                                       | 6,233                               | 95,508                          | 1,190                             | 163,419            |
| New Hamp-<br>shire .....     | 2,446   | 419           | 199           | 12,053                | 2,357         | 5,787  | 6,044                               | 34,657                          | 1,632                             | 65,593             |
| New Jersey .....             | 35,763  | 5,570         | 896           | 126,601               | 19,113        | 53,773                                       | 23,291                              | 314,258                         | 7,870                             | 587,136            |
| New Mexico .....             | 27,024  | 5,502         | 12            | 53,781                | 16,589        | 23,453                                       | 14,538                              | 154,365                         | 3,358                             | 298,621            |
| New York .....               | 117,468   | 37,936        | 1,077         | 423,829               | 95,098        | 203,965                                      | 85,337                              | 1,478,663                       | 22,037                            | 2,465,407          |
| North Carolina .....         | 62,778  | 4,523         | 168           | 179,173               | 54,013        | 78,199                                       | 34,206                              | 536,423                         | 8,209                             | 957,693            |
| North Dakota ...             | 7,312   | 306           | 96            | 10,853                | 2,132         | 6,381  | 6,252                               | 31,375                          | 917                               | 65,624             |
| Ohio .....                   | 49,346  | 4,898         | 903           | 173,706               | 39,342        | 97,015                                       | 40,325                              | 726,310                         | 16,366                            | 1,148,212          |
| Oklahoma .....               | 36,501  | 2,011         | 68            | 82,701                | 27,210        | 40,846                                       | 30,244                              | 288,442                         | 7,074                             | 515,095            |
| Oregon .....                 | 19,945  | 936           | 146           | 57,840                | 19,001        | 41,625                                       | 9,820                               | 319,462                         | 5,463                             | 474,238            |
| Pennsylvania ...             | 39,469  | 12,542        | 777           | 180,553               | 39,616        | 91,816                                       | 39,944                              | 700,337                         | 11,543                            | 1,116,598          |
| Puerto Rico <sup>5</sup> ... | 17,516  | 6,320         | 0             | 112,508               | 29,237        | 131,130                                      | 14,866                              | 0                               | 7,780                             | 319,357            |
| Rhode Island ...             | 5,587   | 818           | 98            | 18,680                | 4,203         | 9,607  | 3,589                               | 64,256                          | 1,535                             | 108,373            |
| South Carolina ..            | 20,209  | 6,177         | 8             | 107,970               | 33,920        | 40,911                                       | 16,945                              | 351,662                         | 6,769                             | 584,570            |
| South Dakota ...             | 5,125   | 546           | 42            | 16,700                | 3,671         | 8,049  | 9,830                               | 45,324                          | 973                               | 90,260             |

See footnotes at end of table.

**Table 13-9.—Food and Nutrition Service program benefits: Cash payments made under the National School Lunch, School Breakfast, Child and Adult Care, Summer Food and Special Milk Programs and the value of food benefits provided under the Food Stamp, WIC, Commodity Distribution and the Emergency Feeding Food Programs, fiscal year 2002 <sup>1</sup>—Continued**

| State/Territory                 | Child Nutrition Program (cash payments only) <sup>2</sup> |               |               |                       |               | Special Supplemental Food (WIC) <sup>3</sup> | Commodity distribution <sup>4</sup> | Food Stamp Program <sup>5</sup> | Emergency Food Assistance (TEFAP) | Total <sup>5</sup> |
|---------------------------------|---|---------------|---------------|-----------------------|---------------|--|-------------------------------------|---------------------------------|-----------------------------------|--------------------|
|                                 | Child and Adult Care Food                                 | Summer Food   | Special Milk  | National School Lunch | Breakfast     |  |                                     |                                 |                                   |                    |
|                                 | 1,000 dollars   | 1,000 dollars | 1,000 dollars | 1,000 dollars         | 1,000 dollars | 1,000 dollars                                | 1,000 dollars                       | 1,000 dollars                   | 1,000 dollars                     | 1,000 dollars      |
| Tennessee .....                 | 33,488  | 4,986         | 26            | 126,644               | 34,889        | 67,940                                       | 24,220                              | 551,508                         | 7,701                             | 851,403            |
| Texas .....                     | 132,232   | 21,390        | 92            | 633,323               | 204,313       | 264,754                                      | 77,101                              | 1,522,295                       | 34,814                            | 2,890,314          |
| Utah .....                      | 20,089  | 1,858         | 66            | 45,205                | 7,258         | 22,142                                       | 19,005                              | 79,709                          | 2,397                             | 197,729            |
| Vermont .....                   | 3,110   | 286           | 65            | 8,115                 | 2,350         | 7,055  | 3,347                               | 34,253                          | 1,028                             | 59,610             |
| Virgin Islands .....            | 639   | 589           | 2             | 4,000                 | 301           | 3,454  | 540                                 | 17,431                          | 136                               | 27,092             |
| Virginia .....                  | 23,165  | 3,873         | 275           | 113,824               | 28,623        | 55,384                                       | 23,288                              | 305,464                         | 8,324                             | 562,220            |
| Washington .....                | 31,672  | 2,435         | 285           | 97,280                | 23,899        | 69,943                                       | 19,484                              | 317,652                         | 8,297                             | 570,945            |
| West Virginia .....             | 12,288  | 1,463         | 34            | 40,535                | 14,358        | 19,662                                       | 7,868                               | 198,011                         | 3,665                             | 297,885            |
| Wisconsin .....                 | 27,570  | 2,205         | 1,360         | 77,771                | 10,238        | 40,618                                       | 22,014                              | 197,330                         | 4,748                             | 383,854            |
| Wyoming .....                   | 3,649   | 124           | 23            | 7,926                 | 1,632         | 3,960  | 2,838                               | 21,538                          | 576                               | 42,267             |
| Dpt. of Defense ...             | 0   | 0             | 0             | 6,211                 | 33            | 0  | 12,098                              | 0                               | 0                                 | 18,342             |
| Outlying Areas <sup>6</sup> ... | 0   | 0             | 0             | 0                     | 0             | 0  | 59                                  | 0                               | 0                                 | 59                 |
| United States ...               | 1,657,884   | 230,513       | 16,100        | 6,050,577             | 1,566,743     | 3,147,036                                    | 1,179,943                           | 18,256,575                      | 380,064                           | 32,485,434         |

<sup>1</sup> Preliminary. Excludes all administrative and program evaluation costs. <sup>2</sup> Excludes \$2.4 million for Food Safety Education and \$9.8 million for the School Meals Initiative for Healthy Children (Team Nutrition). <sup>3</sup> Includes \$14.6 million for WIC Farmers' Market Nutrition Program benefits. <sup>4</sup> Includes distribution of bonus and entitlement commodities to the National School Lunch, Child and Adult Care, Summer Food Service, Charitable Institutions, Summer Camps, Food Distribution on Indian Reservations, Nutrition Services Incentive Program (formerly Nutrition Program for the Elderly), Commodity Supplemental Food, Bureau of Prisons, and Disaster Feeding programs. Also includes cash-in-lieu of commodities for the National School Lunch, Child and Adult Care, and Nutrition for the Elderly programs. <sup>5</sup> Excludes Nutrition Assistance grants of \$1,351 million for Puerto Rico, \$6.1 million for the Northern Marianas, \$5.3 million for American Samoa, and \$0.6 million for nuclear affected areas of the Marshall Islands. <sup>6</sup> Dept. of Defense includes food service to overseas school and to the Bureau of Prisons. <sup>7</sup> Outlying Areas include the Northern Marianas and the Marshall Islands.

FNS, Budget Division/Program Reports, Analysis and Monitoring Branch (703) 305-2163.

**Table 13-10.—Food and Nutrition Service Programs: Persons participating, fiscal years 1993-2002**

| Fiscal year             | National School Lunch Program <sup>1</sup> | School Breakfast Program <sup>1</sup> | Child and Adult Care Program <sup>2</sup> | Summer Food Service <sup>3</sup> | WIC Program <sup>4</sup> |
|-------------------------|--|---------------------------------------|---|----------------------------------|--------------------------|
|                         | Thousands                                  | Thousands                             | Thousands                                 | Thousands                        | Thousands                |
| 1993 .....              | 24,855                                     | 5,358                                 | 1,977                                     | 2,119                            | 5,921                    |
| 1994 .....              | 25,281                                     | 5,835                                 | 2,187                                     | 2,207                            | 6,477                    |
| 1995 .....              | 25,685                                     | 6,318                                 | 2,354                                     | 2,107                            | 6,894                    |
| 1996 .....              | 25,942                                     | 6,583                                 | 2,415                                     | 2,213                            | 7,191                    |
| 1997 .....              | 26,341                                     | 6,922                                 | 2,472                                     | 2,176                            | 7,407                    |
| 1998 .....              | 26,598                                     | 7,142                                 | 2,601                                     | 2,201                            | 7,367                    |
| 1999 .....              | 26,946                                     | 7,371                                 | 2,670                                     | 2,172                            | 7,311                    |
| 2000 .....              | 27,239                                     | 7,554                                 | 2,707                                     | 2,103                            | 7,192                    |
| 2001 .....              | 27,507                                     | 7,794                                 | 2,725                                     | 2,090                            | 7,306                    |
| 2002 <sup>5</sup> ..... | 28,006                                     | 8,144                                 | 2,852                                     | 1,930                            | 7,491                    |

<sup>1</sup> Average monthly participation (excluding summer months). <sup>2</sup> Average daily attendance (data reported quarterly). <sup>3</sup> Average daily attendance for peak month (July). <sup>4</sup> Average monthly participation. WIC is an abbreviation for the Special Supplemental Food Program for Women, Infants and Children. <sup>5</sup> Preliminary.

FNS, Budget Division/Program Reports, Analysis and Monitoring Branch (703) 305-2163.



**Table 13-11.—Consumers' prices: Index number of prices paid for goods and services, United States, 1994–2003<sup>1</sup>**  
[1982–84=100]

| Year       | Food  | Nonfood items      |         |       |                |              | All items |
|------------|-------|--------------------|---------|-------|----------------|--------------|-----------|
|            |       | Apparel and upkeep | Housing |       | Transportation | Medical care |           |
|            |       |                    | Total   | Rent  |                |              |           |
| 1994 ..... | 144.3 | 133.4              | 144.8   | 167.0 | 134.3          | 211.0        | 148.2     |
| 1995 ..... | 148.4 | 132.0              | 148.5   | 172.4 | 139.1          | 220.5        | 152.4     |
| 1996 ..... | 153.3 | 131.7              | 152.8   | 178.0 | 143.0          | 228.2        | 156.9     |
| 1997 ..... | 157.3 | 132.9              | 156.8   | 183.4 | 144.3          | 234.6        | 160.5     |
| 1998 ..... | 160.7 | 133.0              | 160.4   | 189.6 | 141.6          | 242.1        | 163.0     |
| 1999 ..... | 164.1 | 131.3              | 163.9   | 195.0 | 144.4          | 250.6        | 166.6     |
| 2000 ..... | 167.8 | 129.6              | 169.6   | 201.3 | 153.3          | 260.8        | 172.2     |
| 2001 ..... | 173.1 | 127.3              | 176.4   | 208.9 | 154.3          | 272.8        | 177.1     |
| 2002 ..... | 176.2 | 124.0              | 180.3   | 216.7 | 152.9          | 285.6        | 179.9     |
| 2003 ..... | 180.0 | 120.9              | 184.8   | 221.9 | 156.7          | 297.1        | 184.0     |

<sup>1</sup> Reflects retail prices of goods and services usually bought by average families in urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor. Beginning 1978 data are for all urban consumers; earlier data are for urban wage earners and clerical workers.

ERS, Food Markets Branch, (202) 694–5349. Compiled from data of the U.S. Department of Labor.

**Table 13-12.—Food service: Sales by industry segment, 1996–2002<sup>1</sup>**

| Industry segment                   | 1996 <sup>2</sup>      | 1997 <sup>2</sup> | 1998 <sup>2</sup> | 1999 <sup>2</sup> | 2000 <sup>2</sup> | 2001 <sup>2</sup> | 2002 <sup>2</sup> |
|------------------------------------|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                                    | <i>Million dollars</i> |                   |                   |                   |                   |                   |                   |
| Commercial:                        |                        |                   |                   |                   |                   |                   |                   |
| Separate eating places:            |                        |                   |                   |                   |                   |                   |                   |
| Full Service restaurants .....     | 93,386                 | 102,461           | 107,016           | 111,357           | 120,094           | 123,318           | 130,375           |
| Limited service restaurants .....  | 110,196                | 113,302           | 121,139           | 126,710           | 136,064           | 142,540           | 148,868           |
| Other places .....                 | 4,415                  | 5,068             | 5,395             | 5,920             | 6,804             | 5,480             | 6,075             |
| Separate drinking places .....     | 1,561                  | 1,546             | 1,623             | 1,698             | 1,895             | 1,827             | 1,994             |
| Total .....                        | 209,558                | 222,377           | 235,173           | 245,685           | 264,857           | 273,165           | 287,312           |
| Lodging places .....               | 12,807                 | 13,599            | 13,907            | 14,650            | 15,353            | 15,740            | 15,729            |
| Retail hosts .....                 | 11,404                 | 11,628            | 12,363            | 13,474            | 13,515            | 14,178            | 14,914            |
| Recreation and entertainment ..... | 10,669                 | 8,805             | 9,636             | 10,266            | 10,928            | 11,316            | 11,409            |
| Commercial feeding total .....     | 244,438                | 256,409           | 271,079           | 284,075           | 304,653           | 314,399           | 329,364           |
| Noncommercial:                     |                        |                   |                   |                   |                   |                   |                   |
| Education:                         |                        |                   |                   |                   |                   |                   |                   |
| Elementary and secondary .....     | 10,955                 | 11,423            | 11,947            | 12,651            | 12,899            | 13,821            | 14,449            |
| Colleges and universities .....    | 9,368                  | 9,926             | 10,561            | 10,919            | 11,231            | 11,570            | 11,734            |
| Total .....                        | 20,323                 | 21,349            | 22,508            | 23,570            | 24,130            | 25,391            | 26,183            |
| Military services—                 |                        |                   |                   |                   |                   |                   |                   |
| Troop feeding .....                | 1,102                  | 1,070             | 1,054             | 1,040             | 1,000             | 1,000             | 1,000             |
| Clubs and exchanges .....          | 1,704                  | 1,716             | 1,762             | 1,800             | 1,846             | 2,022             | 2,062             |
| Total .....                        | 2,806                  | 2,786             | 2,816             | 2,840             | 2,846             | 3,022             | 3,062             |
| Plants and office buildings .....  | 5,594                  | 5,645             | 5,896             | 6,121             | 6,397             | 6,314             | 6,221             |
| Hospitals .....                    | 3,602                  | 3,576             | 3,514             | 3,508             | 3,526             | 3,618             | 3,568             |
| Nursing homes .....                | 6,158                  | 6,234             | 6,268             | 6,332             | 6,482             | 6,716             | 6,694             |
| Vending .....                      | 3,063                  | 2,802             | 2,868             | 3,087             | 3,305             | 3,248             | 3,361             |
| Transportation .....               | 4,266                  | 4,710             | 4,794             | 5,918             | 5,584             | 5,392             | 5,390             |
| Associations .....                 | 784                    | 1,125             | 1,222             | 1,309             | 1,404             | 1,486             | 1,495             |
| Correctional facilities .....      | 3,072                  | 5,578             | 6,068             | 6,080             | 6,300             | 6,602             | 6,658             |
| Child daycare centers .....        | 3,490                  | 3,800             | 4,042             | 4,452             | 4,866             | 5,560             | 5,670             |
| Elderly feeding programs .....     | 338                    | 348               | 346               | 354               | 370               | 406               | 364               |
| Other group .....                  | 4,880                  | 5,318             | 5,198             | 5,420             | 5,548             | 5,930             | 6,172             |
| Total .....                        | 35,247                 | 39,136            | 40,216            | 42,581            | 43,782            | 45,272            | 45,593            |
| Noncommercial feeding total .....  | 58,376                 | 63,271            | 65,540            | 68,991            | 70,758            | 73,685            | 74,838            |
| Total .....                        | 302,814                | 319,680           | 336,619           | 353,066           | 375,411           | 388,084           | 404,202           |

<sup>1</sup> Revised using new data. <sup>2</sup> Includes sales tax, excludes tips.  
Source: ERS, Food Markets Branch, 202-694-5384.

## CHAPTER XIV

### STATISTICS OF FERTILIZERS AND PESTICIDES

This chapter contains statistics on percentages of crop acres treated by various types of fertilizers and pesticides. Nitrogen, phosphate, and potash are the most common fertilizers; herbicides, insecticides, fungicides, and other chemicals are the main categories of pesticides. Other chemicals include soil fumigants, vine killers, and dessicants. The tables show data for field crops for 1999–2002, fruits for 2001, and vegetables for 2002. NASS collects data for field crops on an annual basis and data for fruits and vegetables on a bi-yearly alternating basis. The surveyed States are generally the major producing States for each crop shown in the tables and represent 65–95 percent of the U.S. planted acres, depending on the selected crop. Quantities and rates of active chemical ingredients applied to each crop at State levels are available in the NASS series of “Agricultural Chemical Usage” reports.

**Table 14-1.—Field crops: Fertilizer, total acreage, and percent of area receiving applications, all States surveyed, 1999–2002<sup>1</sup>**

| Crop                                   | Nitrogen       | Phosphate      | Potash         |
|--|----------------|----------------|----------------|
|  | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| <b>1999:</b>                           |                |                |                |
| Corn .....                             | 98             | 82             | 67             |
| Cotton, Upland .....                   | 86             | 59             | 52             |
| Peanuts .....                          | 64             | 70             | 88             |
| Potatoes, Fall .....                   | 100            | 98             | 88             |
| Soybeans .....                         | 18             | 26             | 28             |
| Sunflower, All .....                   | 95             | 33             | .....          |
| Wheat, Durum <sup>2</sup> .....        | .....          | .....          | .....          |
| Wheat, Other Spring <sup>2</sup> ..... | .....          | .....          | .....          |
| Wheat, Winter .....                    | 97             | 91             | 90             |
| <b>2000:</b>                           |                |                |                |
| Corn .....                             | 98             | 84             | 66             |
| Cotton, Upland .....                   | 83             | 63             | 53             |
| Potatoes, Fall <sup>2</sup> .....      | .....          | .....          | .....          |
| Rice .....                             | 100            | 59             | 47             |
| Soybeans .....                         | 18             | 24             | 27             |
| Sugarbeets .....                       | 98             | 92             | 50             |
| Wheat, Durum .....                     | 86             | 66             | 5              |
| Wheat, Other Spring .....              | 95             | 84             | 27             |
| Wheat, Winter .....                    | 87             | 54             | 17             |
| <b>2001:</b>                           |                |                |                |
| Corn .....                             | 96             | 79             | 65             |
| Cotton, Upland .....                   | 76             | 48             | 41             |
| Potatoes, Fall .....                   | 98             | 95             | 86             |
| Soybeans .....                         | 11             | 17             | 20             |
| <b>2002:</b>                           |                |                |                |
| Corn .....                             | 96             | 79             | 68             |
| Soybeans .....                         | 20             | 26             | 29             |
| Wheat, Durum .....                     | 88             | 58             | 5              |
| Wheat, Other Spring .....              | 86             | 74             | 27             |
| Wheat, Winter .....                    | 86             | 55             | 15             |

<sup>1</sup> Refers to acres receiving one or more applications of a specific fertilizer ingredient. See tables 14-2 through 14-11 for surveyed States. Note: Acreage estimates are on page I–24 for corn, page II–1 for cotton, page III–13 for soybeans, and page I–1 for wheat. <sup>2</sup> Data not available for all states for all years.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–6146.

**Table 14-2.—Corn: Pesticide usage, 1999–2002<sup>1</sup>**

| State and Year | Percent treated and amount applied |                |                          |                |
|----------------|------------------------------------|----------------|--------------------------|----------------|
|                | Herbicide <sup>2</sup>             |                | Insecticide <sup>3</sup> |                |
|                | Area applied                       | Pounds applied | Area applied             | Pounds applied |
|                | Percent                            | Thousands      | Percent                  | Thousands      |
| CO:.....       |                                    |                |                          |                |
| 1999 .....     | 93                                 | 1,763          | 45                       | 479            |
| 2000 .....     | 97                                 | 1,501          | 59                       | 505            |
| 2001 .....     | 92                                 | 1,506          | 51                       | 431            |
| GA:.....       |                                    |                |                          |                |
| 1999 .....     | 98                                 | 32,733         | 44                       | 4,266          |
| 2000 .....     | 94                                 | 31,723         | 31                       | 1,996          |
| 2001 .....     | 95                                 | 398            | 34                       | 57             |
| IL:.....       |                                    |                |                          |                |
| 1999 .....     | 98                                 | 28,467         | 38                       | 1,833          |
| 2000 .....     | 100                                | 28,190         | 43                       | 3,131          |
| 2001 .....     | 100                                | 31,868         | 42                       | 1,787          |
| 2002 .....     | 90                                 | 25,157         | 36                       | 1,088          |
| IN:.....       |                                    |                |                          |                |
| 1999 .....     | 99                                 | 14,819         | 36                       | 1,156          |
| 2000 .....     | 99                                 | 15,460         | 30                       | 797            |
| 2001 .....     | 99                                 | 16,007         | 47                       | 1,103          |
| 2002 .....     | 90                                 | 11,535         | 39                       | 729            |
| IA:.....       |                                    |                |                          |                |
| 1999 .....     | 99                                 | 27,966         | 25                       | 2,462          |
| 2000 .....     | 100                                | 24,158         | 16                       | 635            |
| 2001 .....     | 99                                 | 20,627         | 7                        | 864            |
| 2002 .....     | 91                                 | 22,485         | 12                       | 432            |
| KS:.....       |                                    |                |                          |                |
| 1999 .....     | 98                                 | 6,619          | 32                       | 385            |
| 2000 .....     | 93                                 | 7,765          | 31                       | 287            |
| 2001 .....     | 95                                 | 9,958          | 24                       | 657            |
| KY:.....       |                                    |                |                          |                |
| 1999 .....     | 94                                 | 3,487          | 50                       | 22             |
| 2000 .....     | 95                                 | 2,600          | 26                       | 65             |
| 2001 .....     | 97                                 | 2,834          | 18                       | 43             |
| MI:.....       |                                    |                |                          |                |
| 1999 .....     | 99                                 | 6,128          | 22                       | 214            |
| 2000 .....     | 99                                 | 5,658          | 10                       | 131            |
| 2001 .....     | 88                                 | 4,944          | 22                       | 288            |
| MN:.....       |                                    |                |                          |                |
| 1999 .....     | 98                                 | 11,126         | 11                       | 280            |
| 2000 .....     | 99                                 | 10,597         | 8                        | 369            |
| 2001 .....     | 99                                 | 13,446         | *                        | *              |
| 2002 .....     | 96                                 | 10,002         | 6                        | 212            |
| MO:.....       |                                    |                |                          |                |
| 1999 .....     | 98                                 | 7,988          | 38                       | 218            |
| 2000 .....     | 87                                 | 5,988          | 20                       | 114            |
| 2001 .....     | 97                                 | 7,232          | 37                       | 167            |
| NE:.....       |                                    |                |                          |                |
| 1999 .....     | 99                                 | 19,747         | 39                       | 1,295          |
| 2000 .....     | 97                                 | 16,862         | 55                       | 1,470          |
| 2001 .....     | 99                                 | 15,159         | 48                       | 1,104          |
| 2002 .....     | 83                                 | 12,869         | 38                       | 986            |
| NY:.....       |                                    |                |                          |                |
| 2000 .....     | 92                                 | 2,312          | 31                       | 204            |
| 2001 .....     | 96                                 | 2,610          | 19                       | 69             |
| NC:.....       |                                    |                |                          |                |
| 1999 .....     | 82                                 | 1,340          | 35                       | 222            |
| 2000 .....     | 93                                 | 1,732          | 46                       | 363            |
| 2001 .....     | 96                                 | 1,558          | 37                       | 181            |
| ND:.....       |                                    |                |                          |                |
| 2000 .....     | 71                                 | 1,284          | *                        | *              |
| 2001 .....     | 90                                 | 745            | *                        | *              |
| OH:.....       |                                    |                |                          |                |
| 1999 .....     | 99                                 | 10,136         | 7                        | 98             |
| 2000 .....     | 99                                 | 10,339         | 24                       | 603            |
| 2001 .....     | 99                                 | 9,986          | 26                       | 647            |
| 2002 .....     | 91                                 | 8,424          | 14                       | 125            |
| PA:.....       |                                    |                |                          |                |
| 2000 .....     | 100                                | 4,419          | 57                       | 302            |
| 2001 .....     | 99                                 | 4,484          | 60                       | 550            |
| SD:.....       |                                    |                |                          |                |
| 1999 .....     | 95                                 | 5,862          | 18                       | 520            |
| 2000 .....     | 100                                | 5,790          | 15                       | 44             |
| 2001 .....     | 96                                 | 5,622          | 8                        | 87             |
| TX:.....       |                                    |                |                          |                |
| 1999 .....     | 93                                 | 3,190          | 54                       | 458            |
| 2000 .....     | 81                                 | 2,039          | 55                       | 426            |
| 2001 .....     | 90                                 | 1,990          | 76                       | 664            |
| WI:.....       |                                    |                |                          |                |
| 1999 .....     | 96                                 | 5,421          | 31                       | 473            |
| 2000 .....     | 95                                 | 6,410          | 20                       | 365            |
| 2001 .....     | 98                                 | 6,265          | 16                       | 155            |
| 2002 .....     | 81                                 | 5,304          | 20                       | 356            |

<sup>1</sup> Data not available for all States for all years. <sup>2</sup> Insufficient number of reports to publish data for fungicides and other chemicals. <sup>3</sup> Amount applied excludes Bt (bacillus thuringiensis). Note: Planted acres are on page I-24. \* Insufficient number of reports to publish data.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 14-3.—Corn: Fertilizer usage, 1999–2002 <sup>1</sup>**

| State and Year | Percent treated and amount applied |                 |                |                 |                |                 |
|----------------|------------------------------------|-----------------|----------------|-----------------|----------------|-----------------|
|                | Nitrogen                           |                 | Phosphate      |                 | Potash         |                 |
|                | Area applied                       | Pounds applied  | Area applied   | Pounds applied  | Area applied   | Pounds applied  |
|                | <i>Percent</i>                     | <i>Millions</i> | <i>Percent</i> | <i>Millions</i> | <i>Percent</i> | <i>Millions</i> |
| CO:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 98                                 | 165.6           | 65             | 30.3            | 16             | 3.4             |
| 2000 .....     | 95                                 | 182.0           | 78             | 42.2            | 17             | 7.4             |
| 2001 .....     | 93                                 | 141.5           | 65             | 32.1            | 24             | 10.8            |
| GA:..          |                                    |                 |                |                 |                |                 |
| 2001 .....     | 97                                 | 28.6            | 91             | 12.6            | 87             | 20.8            |
| IL:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 98                                 | 1,639.8         | 80             | 603.2           | 81             | 1,003.0         |
| 2000 .....     | 99                                 | 1,797.7         | 83             | 739.3           | 82             | 1,028.5         |
| 2001 .....     | 99                                 | 1,682.8         | 81             | 720.6           | 85             | 1,092.2         |
| 2002 .....     | 94                                 | 1,698.3         | 77             | 754.1           | 77             | 1,028.7         |
| IN:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 99                                 | 881.8           | 92             | 299.1           | 88             | 593.3           |
| 2000 .....     | 99                                 | 864.8           | 90             | 366.1           | 85             | 625.9           |
| 2001 .....     | 98                                 | 837.4           | 85             | 331.7           | 86             | 660.0           |
| 2002 .....     | 99                                 | 786.7           | 92             | 350.4           | 84             | 567.1           |
| IA:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 98                                 | 1,502.8         | 75             | 604.9           | 75             | 734.7           |
| 2000 .....     | 95                                 | 1,533.0         | 74             | 503.2           | 74             | 630.9           |
| 2001 .....     | 87                                 | 1,272.8         | 62             | 415.8           | 60             | 482.4           |
| 2002 .....     | 94                                 | 1,408.0         | 72             | 515.8           | 69             | 607.4           |
| KS:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 99                                 | 443.3           | 70             | 86.2            | 22             | 20.5            |
| 2000 .....     | 100                                | 506.0           | 78             | 97.3            | 39             | 37.1            |
| 2001 .....     | 97                                 | 444.4           | 71             | 93.5            | 19             | 24.8            |
| KY:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 234.9           | 81             | 66.6            | 50             | 64.5            |
| 2000 .....     | 99                                 | 198.7           | 81             | 88.3            | 80             | 92.0            |
| 2001 .....     | 91                                 | 173.4           | 87             | 92.5            | 82             | 99.9            |
| MI:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 277.9           | 92             | 91.9            | 91             | 174.4           |
| 2000 .....     | 99                                 | 240.1           | 96             | 96.9            | 83             | 154.3           |
| 2001 .....     | 91                                 | 251.3           | 78             | 85.9            | 78             | 175.2           |
| MN:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 92                                 | 702.9           | 90             | 299.6           | 86             | 312.9           |
| 2000 .....     | 97                                 | 786.4           | 91             | 404.2           | 76             | 377.9           |
| 2001 .....     | 97                                 | 750.2           | 90             | 283.4           | 81             | 340.5           |
| 2002 .....     | 95                                 | 839.9           | 86             | 330.1           | 78             | 344.8           |
| MO:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 422.3           | 84             | 136.1           | 84             | 169.4           |
| 2000 .....     | 100                                | 422.7           | 82             | 136.3           | 82             | 169.1           |
| 2001 .....     | 99                                 | 411.6           | 82             | 129.6           | 83             | 161.2           |
| NE:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 99                                 | 1,115.2         | 75             | 232.8           | 18             | 22.1            |
| 2000 .....     | 99                                 | 1,260.7         | 82             | 243.2           | 22             | 21.5            |
| 2001 .....     | 100                                | 1,067.0         | 77             | 219.4           | 25             | 42.8            |
| 2002 .....     | 97                                 | 1,195.5         | 70             | 220.3           | 21             | 32.3            |
| NY:..          |                                    |                 |                |                 |                |                 |
| 2000 .....     | 99                                 | 71.2            | 89             | 45.6            | 78             | 41.8            |
| 2001 .....     | 100                                | 76.8            | 98             | 49.4            | 90             | 45.6            |
| NC:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 99                                 | 83.2            | 82             | 36.3            | 88             | 66.3            |
| 2000 .....     | 96                                 | 86.0            | 88             | 37.5            | 86             | 52.7            |
| 2001 .....     | 98                                 | 81.8            | 85             | 41.6            | 84             | 56.6            |
| ND:..          |                                    |                 |                |                 |                |                 |
| 2000 .....     | 98                                 | 103.0           | 80             | 38.8            | 29             | 8.7             |
| 2001 .....     | 94                                 | 89.9            | 83             | 33.8            | 38             | 10.1            |
| OH:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 527.0           | 97             | 236.1           | 94             | 324.2           |
| 2000 .....     | 100                                | 572.8           | 92             | 224.2           | 83             | 287.0           |
| 2001 .....     | 100                                | 572.1           | 92             | 210.8           | 89             | 338.9           |
| 2002 .....     | 99                                 | 500.1           | 85             | 183.2           | 78             | 283.1           |
| PA:..          |                                    |                 |                |                 |                |                 |
| 2000 .....     | 95                                 | 103.8           | 87             | 59.9            | 67             | 35.9            |
| 2001 .....     | 98                                 | 130.2           | 79             | 55.8            | 76             | 43.4            |
| SD:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 98                                 | 334.6           | 88             | 136.2           | 49             | 42.5            |
| 2000 .....     | 99                                 | 418.9           | 92             | 153.6           | 39             | 36.1            |
| 2001 .....     | 95                                 | 393.8           | 69             | 119.4           | 32             | 38.9            |
| TX:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 304.5           | 80             | 74.5            | 40             | 22.4            |
| 2000 .....     | 98                                 | 304.0           | 85             | 80.3            | 27             | 15.9            |
| 2001 .....     | 100                                | 245.6           | 83             | 66.3            | 40             | 18.4            |
| WI:..          |                                    |                 |                |                 |                |                 |
| 1999 .....     | 98                                 | 305.1           | 82             | 104.2           | 91             | 177.8           |
| 2000 .....     | 97                                 | 300.7           | 89             | 120.6           | 90             | 161.0           |
| 2001 .....     | 98                                 | 355.3           | 95             | 120.9           | 89             | 169.5           |
| 2002 .....     | 98                                 | 325.0           | 87             | 102.2           | 88             | 202.2           |

<sup>1</sup> Data not available for all States for all years. Note: Planted acres are on page I-24. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 14-4.—Upland Cotton: Pesticide usage, 1999–2001 <sup>1</sup>**

| State and Year | Percent treated and amount applied |                  |                          |                  |                |                  |                 |                  |
|----------------|------------------------------------|------------------|--------------------------|------------------|----------------|------------------|-----------------|------------------|
|                | Herbicide                          |                  | Insecticide <sup>2</sup> |                  | Fungicide      |                  | Other Chemicals |                  |
|                | Area applied                       | Pounds applied   | Area applied             | Pounds applied   | Area applied   | Pounds applied   | Area applied    | Pounds applied   |
|                | <i>Percent</i>                     | <i>Thousands</i> | <i>Percent</i>           | <i>Thousands</i> | <i>Percent</i> | <i>Thousands</i> | <i>Percent</i>  | <i>Thousands</i> |
| AL:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 1999 .....     | 99                                 | 1,154            | 87                       | 436              | 30             | 130              | 78              | 617              |
| 2000 .....     | 97                                 | 1,435            | 67                       | 270              | 16             | 84               | 58              | 398              |
| AZ:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 1999 .....     | 90                                 | 519              | 60                       | 360              | **             | **               | 95              | 1,361            |
| 2000 .....     | 94                                 | 497              | 66                       | 455              | 10             | 31               | 79              | 670              |
| AR:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 1999 .....     | 95                                 | 1,993            | 82                       | 1,610            | 17             | 57               | 89              | 1,459            |
| 2001 .....     | 96                                 | 2,312            | 53                       | 2,038            | 8              | 9                | 78              | 1,395            |
| CA:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 1999 .....     | 98                                 | 1,006            | 94                       | 861              | 1              | 7                | 100             | 2,406            |
| 2000 .....     | 99                                 | 1,475            | 90                       | 1,051            | 1              | 9                | 99              | 2,714            |
| 2001 .....     | *                                  | *                | *                        | *                | *              | *                | *               | *                |
| GA:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 1999 .....     | 98                                 | 4,249            | 92                       | 816              | *              | 3                | 78              | 2,992            |
| 2000 .....     | 98                                 | 3,526            | 81                       | 725              | **             | **               | 78              | 3,258            |
| 2001 .....     | 93                                 | 2,958            | 59                       | 366              | *              | *                | 65              | 1,902            |
| LA:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 1999 .....     | 98                                 | 1,763            | 98                       | 4,206            | 9              | 40               | 88              | 707              |
| 2000 .....     | 96                                 | 1,825            | 98                       | 4,795            | 23             | 229              | 88              | 749              |
| 2001 .....     | 95                                 | 2,552            | 93                       | 2,217            | 16             | 70               | 88              | 931              |
| MS:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 1999 .....     | 100                                | 3,821            | 98                       | 6,580            | 17             | 180              | 99              | 1,980            |
| 2000 .....     | 98                                 | 3,557            | 99                       | 6,112            | 15             | 131              | 99              | 1,986            |
| 2001 .....     | 99                                 | 3,913            | 92                       | 3,306            | 5              | 22               | 95              | 2,461            |
| MO:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 2000 .....     | 94                                 | 677              | 90                       | 360              | *              | *                | 97              | 695              |
| NC:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 1999 .....     | 96                                 | 2,079            | 91                       | 533              | 6              | 42               | 57              | 996              |
| 2000 .....     | 99                                 | 2,375            | 94                       | 510              | 4              | 19               | 91              | 1,921            |
| 2001 .....     | *                                  | *                | *                        | *                | *              | *                | *               | *                |
| TN:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 1999 .....     | 96                                 | 1,385            | 95                       | 1,222            | 27             | 132              | 89              | 585              |
| 2000 .....     | 99                                 | 1,347            | 100                      | 4,333            | 20             | 77               | 93              | 691              |
| TX:            |                                    |                  |                          |                  |                |                  |                 |                  |
| 1999 .....     | 97                                 | 7,081            | 76                       | 23,417           | 1              | 49               | 32              | 1,840            |
| 2000 .....     | 92                                 | 7,847            | 69                       | 20,639           | *              | *                | 29              | 1,593            |
| 2001 .....     | 90                                 | 21,098           | 68                       | 23,810           | 4              | 212              | 55              | 13,435           |

<sup>1</sup>Data not available for all States for all years. <sup>2</sup>Amount applied excludes Bt (bacillus thuringiensis). \* Insufficient number of reports to publish data. \*\* No reports received for this pesticide class. Note: Planted acres are on page II-1. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 14-5.—Upland Cotton: Fertilizer usage, 1999–2001 <sup>1</sup>**

| State and Year | Percent treated and amount applied |                 |                           |                 |                           |                 |
|----------------|------------------------------------|-----------------|---------------------------|-----------------|---------------------------|-----------------|
|                | Nitrogen                           |                 | Phosphate                 |                 | Potash                    |                 |
|                | Area applied <sup>2</sup>          | Pounds applied  | Area applied <sup>2</sup> | Pounds applied  | Area applied <sup>2</sup> | Pounds applied  |
|                | <i>Percent</i>                     | <i>Millions</i> | <i>Percent</i>            | <i>Millions</i> | <i>Percent</i>            | <i>Millions</i> |
| AL:            |                                    |                 |                           |                 |                           |                 |
| 1999 .....     | 97                                 | 46.5            | 94                        | 36.3            | 95                        | 45.3            |
| 2000 .....     | 100                                | 60.5            | 95                        | 35.2            | 91                        | 46.7            |
| AZ:            |                                    |                 |                           |                 |                           |                 |
| 1999 .....     | 99                                 | 39.6            | 22                        | 5.0             | 15                        | 0.7             |
| 2000 .....     | 98                                 | 35.6            | 30                        | 4.7             | 8                         | 0.9             |
| AR:            |                                    |                 |                           |                 |                           |                 |
| 1999 .....     | 97                                 | 88.0            | 82                        | 31.8            | 85                        | 63.5            |
| 2000 .....     | 100                                | 84.2            | 78                        | 30.5            | 84                        | 66.1            |
| 2001 .....     | 93                                 | 80.3            | 63                        | 24.6            | 68                        | 54.0            |
| CA:            |                                    |                 |                           |                 |                           |                 |
| 1999 .....     | 99                                 | 92.6            | 51                        | 19.1            | 19                        | 11.1            |
| 2000 .....     | 98                                 | 105.4           | 29                        | 12.6            | 12                        | 5.3             |
| 2001 .....     | *                                  | *               | *                         | *               | *                         | *               |
| GA:            |                                    |                 |                           |                 |                           |                 |
| 1999 .....     | 100                                | 127.2           | 98                        | 81.3            | 100                       | 160.3           |
| 2000 .....     | 96                                 | 124.9           | 94                        | 77.6            | 93                        | 117.7           |
| 2001 .....     | 99                                 | 116.2           | 92                        | 71.9            | 93                        | 119.3           |
| LA:            |                                    |                 |                           |                 |                           |                 |
| 1999 .....     | 100                                | 52.4            | 43                        | 14.7            | 45                        | 18.9            |
| 2000 .....     | 100                                | 60.7            | 64                        | 20.1            | 66                        | 33.0            |
| 2001 .....     | 95                                 | 70.8            | 50                        | 18.4            | 52                        | 35.1            |
| MS:            |                                    |                 |                           |                 |                           |                 |
| 1999 .....     | 100                                | 133.3           | 36                        | 21.2            | 65                        | 85.8            |
| 2000 .....     | 100                                | 147.7           | 44                        | 29.5            | 68                        | 86.1            |
| 2001 .....     | 99                                 | 179.9           | 31                        | 25.8            | 46                        | 72.5            |
| MO:            |                                    |                 |                           |                 |                           |                 |
| 2000 .....     | 100                                | 40.4            | 86                        | 11.7            | 95                        | 33.5            |
| NC:            |                                    |                 |                           |                 |                           |                 |
| 1999 .....     | 96                                 | 66.3            | 89                        | 37.0            | 96                        | 90.3            |
| 2000 .....     | 96                                 | 76.0            | 80                        | 34.9            | 91                        | 98.5            |
| 2001 .....     | *                                  | *               | *                         | *               | *                         | *               |
| TN:            |                                    |                 |                           |                 |                           |                 |
| 1999 .....     | 100                                | 51.2            | 99                        | 30.2            | 100                       | 50.9            |
| 2000 .....     | 99                                 | 47.5            | 93                        | 29.8            | 98                        | 50.4            |
| TX:            |                                    |                 |                           |                 |                           |                 |
| 1999 .....     | 71                                 | 281.8           | 45                        | 112.8           | 23                        | 26.6            |
| 2000 .....     | 63                                 | 263.4           | 54                        | 136.9           | 26                        | 31.1            |
| 2001 .....     | 52                                 | 195.9           | 37                        | 85.2            | 14                        | 16.4            |

<sup>1</sup> Data not available for all States for all years. <sup>2</sup> Planted acres are on page II-1.  
 NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 14-6.—Fall potatoes: Pesticide usage, 1999–2001<sup>1</sup>**

| State and Year | Percent treated and amount applied |                  |                           |                  |                           |                  |                 |                  |
|----------------|------------------------------------|------------------|---------------------------|------------------|---------------------------|------------------|-----------------|------------------|
|                | Herbicide                          |                  | Insecticide <sup>2</sup>  |                  | Fungicide                 |                  | Other Chemicals |                  |
|                | Area applied <sup>3</sup>          | Pounds applied   | Area applied <sup>3</sup> | Pounds applied   | Area applied <sup>3</sup> | Pounds applied   | Area applied    | Pounds applied   |
|                | <i>Percent</i>                     | <i>Thousands</i> | <i>Percent</i>            | <i>Thousands</i> | <i>Percent</i>            | <i>Thousands</i> | <i>Percent</i>  | <i>Thousands</i> |
| CO:            |                                    |                  |                           |                  |                           |                  |                 |                  |
| 1999 .....     | 86                                 | 175              | 76                        | 39               | 98                        | 387              | 57              | 14,056           |
| ID:            |                                    |                  |                           |                  |                           |                  |                 |                  |
| 1999 .....     | 92                                 | 953              | 92                        | 1,066            | 92                        | 1,502            | 56              | 53,358           |
| 2001 .....     | 75                                 | 714              | 93                        | 853              | 70                        | 691              | 59              | 46,698           |
| ME:            |                                    |                  |                           |                  |                           |                  |                 |                  |
| 1999 .....     | 100                                | 25               | 97                        | 29               | 100                       | 553              | 24              | 89               |
| 2001 .....     | 92                                 | 28               | 88                        | 13               | 98                        | 530              | 97              | 405              |
| MI:            |                                    |                  |                           |                  |                           |                  |                 |                  |
| 1999 .....     | 100                                | 101              | 100                       | 52               | 99                        | 609              | 56              | 137              |
| MN:            |                                    |                  |                           |                  |                           |                  |                 |                  |
| 1999 .....     | 86                                 | 82               | 91                        | 54               | 93                        | 577              | 16              | 2,103            |
| 2001 .....     | 78                                 | 53               | 95                        | 18               | 97                        | 431              | 56              | 456              |
| ND:            |                                    |                  |                           |                  |                           |                  |                 |                  |
| 1999 .....     | 83                                 | 94               | 95                        | 121              | 99                        | 966              | 5               | 1,315            |
| 2001 .....     | *                                  | *                | *                         | *                | *                         | *                | *               | *                |
| OR:            |                                    |                  |                           |                  |                           |                  |                 |                  |
| 1999 .....     | 100                                | 129              | 89                        | 183              | 97                        | 314              | 65              | 7,489            |
| 2001 .....     | *                                  | *                | *                         | *                | *                         | *                | *               | *                |
| PA:            |                                    |                  |                           |                  |                           |                  |                 |                  |
| 1999 .....     | 94                                 | 35               | 99                        | 47               | 95                        | 125              | 3               | 4                |
| WA:            |                                    |                  |                           |                  |                           |                  |                 |                  |
| 2001 .....     | 92                                 | 290              | 95                        | 647              | 91                        | 1,108            | 78              | 14,470           |
| WI:            |                                    |                  |                           |                  |                           |                  |                 |                  |
| 1999 .....     | 98                                 | 84               | 100                       | 193              | 98                        | 921              | 16              | 1,104            |
| 2001 .....     | 88                                 | 73               | 100                       | 110              | 97                        | 1,193            | 86              | 2,644            |

<sup>1</sup> Data not available for all States for all years. <sup>2</sup> Amount applied excludes Bt (*bacillus thuringiensis*). <sup>3</sup> Planted acres are on page IV-21.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 14-7.—Fall potatoes: Fertilizer usage, 1999–2001 <sup>1</sup>**

| State and Year | Percent treated and amount applied |                 |                |                 |                |                 |
|----------------|------------------------------------|-----------------|----------------|-----------------|----------------|-----------------|
|                | Nitrogen                           |                 | Phosphate      |                 | Potash         |                 |
|                | Area applied                       | Pounds applied  | Area applied   | Pounds applied  | Area applied   | Pounds applied  |
|                | <i>Percent</i>                     | <i>Millions</i> | <i>Percent</i> | <i>Millions</i> | <i>Percent</i> | <i>Millions</i> |
| CO:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 98                                 | 14.6            | 95             | 13.3            | 74             | 5.6             |
| ID:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 91.0            | 99             | 78.5            | 82             | 42.7            |
| 2001 .....     | 99                                 | 79.6            | 97             | 63.2            | 77             | 35.1            |
| IN:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 0.6             | 100            | 0.5             | 100            | 0.5             |
| ME:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 11.5            | 100            | 12.3            | 100            | 12.4            |
| 2001 .....     | 98                                 | 11.0            | 98             | 11.4            | 98             | 11.8            |
| MI:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 10.1            | 98             | 6.6             | 100            | 10.0            |
| MN:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 99                                 | 8.0             | 91             | 5.3             | 91             | 9.6             |
| 2001 .....     | 93                                 | 6.4             | 89             | 4.5             | 89             | 7.6             |
| ND:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 99                                 | 15.4            | 98             | 10.9            | 83             | 9.2             |
| 2001 .....     | *                                  | *               | *              | *               | *              | *               |
| OR:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 13.5            | 100            | 8.2             | 91             | 7.5             |
| 2001 .....     | *                                  | *               | *              | *               | *              | *               |
| PA:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 97                                 | 2.2             | 97             | 1.8             | 97             | 2.0             |
| WA:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 55.5            | 99             | 40.7            | 97             | 43.7            |
| 2001 .....     | 97                                 | 37.6            | 92             | 33.0            | 92             | 37.4            |
| WI:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 100                                | 20.8            | 100            | 12.0            | 99             | 20.4            |
| 2001 .....     | 100                                | 22.0            | 98             | 13.7            | 100            | 24.3            |

<sup>1</sup> Data not available for all states for all years. Note: Planted acres are on page IV-21. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 14-8.—Soybeans: Pesticide usage, 1999–2002 <sup>1</sup>**

| State and Year | Percent treated and amount applied <sup>2</sup> |                  |                          |                  |
|----------------|---|------------------|--------------------------|------------------|
|                | Herbicide                                       |                  | Insecticide <sup>3</sup> |                  |
|                | Area applied                                    | Pounds applied   | Area applied             | Pounds applied   |
|                | <i>Percent</i>                                  | <i>Thousands</i> | <i>Percent</i>           | <i>Thousands</i> |
| AR:            |   |                  |                          |                  |
| 1999 .....     | 94  | 3,670            | 9                        | 17               |
| 2000 .....     | 86  | 2,918            | 3                        | 4                |
| 2001 .....     | 80  | 2,440            | *                        | *                |
| 2002 .....     | 90  | 2,945            | 14                       | 112              |
| IL:            |   |                  |                          |                  |
| 1999 .....     | 96  | 10,290           | *                        | 20               |
| 2000 .....     | 98  | 10,582           | 1                        | 3                |
| 2001 .....     | 96  | 10,102           | *                        | *                |
| 2002 .....     | 100   | 12,939           | *                        | *                |
| IN:            |   |                  |                          |                  |
| 1999 .....     | 89  | 5,750            | **                       | **               |
| 2000 .....     | 99  | 5,414            | *                        | *                |
| 2001 .....     | 98  | 5,612            | *                        | *                |
| 2002 .....     | 100   | 7,853            | *                        | *                |
| IA:            |   |                  |                          |                  |
| 1999 .....     | 99  | 11,995           | **                       | **               |
| 2000 .....     | 98  | 13,053           | *                        | *                |
| 2001 .....     | 95  | 11,704           | *                        | *                |
| 2002 .....     | 99  | 13,143           | 9                        | 58               |
| KS:            |   |                  |                          |                  |
| 1999 .....     | 97  | 3,273            | *                        | 1                |
| 2000 .....     | 94  | 2,953            | *                        | *                |
| 2002 .....     | 98  | 2,931            | *                        | *                |

See footnotes at end of table.



**Table 14-8.—Soybeans: Pesticide usage, 1999–2002<sup>1</sup>—Continued**

| State and Year | Percent treated and amount applied <sup>2</sup> |                  |                          |                  |
|----------------|---|------------------|--------------------------|------------------|
|                | Herbicide                                       |                  | Insecticide <sup>3</sup> |                  |
|                | Area applied                                    | Pounds applied   | Area applied             | Pounds applied   |
|                | <i>Percent</i>                                  | <i>Thousands</i> | <i>Percent</i>           | <i>Thousands</i> |
| KY:..          |   |                  |                          |                  |
| 1999 .....     | 94  | 1,037            | *                        | *                |
| 2000 .....     | 88  | 1,151            | 1                        | 6                |
| 2002 .....     | 100   | 1,479            | *                        | *                |
| LA:..          |   |                  |                          |                  |
| 1999 .....     | 94  | 1,123            | 53                       | 229              |
| 2000 .....     | 96  | 1,091            | 56                       | 173              |
| 2002 .....     | 98  | 1,257            | 72                       | 470              |
| MD:..          |   |                  |                          |                  |
| 2002 .....     | 98  | 753              | 3                        | *                |
| MI:..          |   |                  |                          |                  |
| 1999 .....     | 97  | 2,342            | **                       | **               |
| 2000 .....     | 98  | 2,094            | *                        | *                |
| 2002 .....     | 98  | 2,496            | *                        | *                |
| MN:..          |   |                  |                          |                  |
| 1999 .....     | 97  | 6,203            | *                        | *                |
| 2000 .....     | 95  | 7,151            | *                        | *                |
| 2001 .....     | 99  | 6,363            | *                        | *                |
| 2002 .....     | 99  | 7,073            | *                        | *                |
| MS:..          |   |                  |                          |                  |
| 1999 .....     | 99  | 2,967            | 9                        | 78               |
| 2000 .....     | 99  | 2,096            | 5                        | 23               |
| 2002 .....     | 98  | 2,392            | 24                       | 24               |
| MO:..          |   |                  |                          |                  |
| 1999 .....     | 97  | 5,556            | **                       | *                |
| 2000 .....     | 98  | 5,867            | **                       | **               |
| 2001 .....     | 95  | 4,691            | *                        | *                |
| 2002 .....     | 99  | 5,924            | *                        | *                |
| NE:..          |   |                  |                          |                  |
| 1999 .....     | 96  | 4,758            | 1                        | *                |
| 2000 .....     | 98  | 5,795            | *                        | *                |
| 2001 .....     | 96  | 5,336            | *                        | *                |
| 2002 .....     | 100   | 6,014            | 4                        | 36               |
| NC:..          |   |                  |                          |                  |
| 1999 .....     | 88  | 1,283            | 3                        | 130              |
| 2000 .....     | 92  | 1,016            | 7                        | 20               |
| 2002 .....     | 95  | 1,361            | 25                       | 89               |
| ND:..          |   |                  |                          |                  |
| 2000 .....     | 99  | 2,046            | **                       | **               |
| 2002 .....     | 100   | 3,350            | *                        | *                |
| OH:..          |   |                  |                          |                  |
| 1999 .....     | 99  | 4,705            | *                        | *                |
| 2000 .....     | 98  | 4,586            | 1                        | *                |
| 2001 .....     | 96  | 4,216            | *                        | 3                |
| 2002 .....     | 100   | 6,365            | *                        | *                |
| PA:..          |   |                  |                          |                  |
| 1999 .....     | 99  | 429              | 11                       | **               |
| SD:..          |   |                  |                          |                  |
| 2000 .....     | 98  | 4,863            | **                       | *                |
| 2002 .....     | 100   | 5,117            | 19                       | 97               |
| TN:..          |   |                  |                          |                  |
| 1999 .....     | 98  | 1,405            | 2                        | *                |
| 2000 .....     | 95  | 1,319            | 1                        | *                |
| 2002 .....     | 100   | 1,496            | 10                       | 1                |
| VA:..          |   |                  |                          |                  |
| 2002 .....     | 94  | 591              | 46                       | 25               |
| WI:..          |   |                  |                          |                  |
| 2000 .....     | 85  | 1,169            | **                       | **               |
| 2002 .....     | 86  | 1,253            | *                        | *                |

<sup>1</sup> Data not available for all States for all years. <sup>2</sup> Insufficient number of reports to publish data for fungicides and other chemicals. <sup>3</sup> Amount applied excludes Bt (*bacillus thuringiensis*). \* Insufficient number of reports to publish data. \*\* No reports received for this pesticide class. Note: Planted acres are on page III-13.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 14-9.—Soybeans: Fertilizer usage, 1999–2002<sup>1</sup>**

| State and Year | Percent treated and amount applied |                 |                |                 |                |                 |
|----------------|------------------------------------|-----------------|----------------|-----------------|----------------|-----------------|
|                | Nitrogen                           |                 | Phosphate      |                 | Potash         |                 |
|                | Area applied                       | Pounds applied  | Area applied   | Pounds applied  | Area applied   | Pounds applied  |
|                | <i>Percent</i>                     | <i>Millions</i> | <i>Percent</i> | <i>Millions</i> | <i>Percent</i> | <i>Millions</i> |
| AR:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 17                                 | 17.3            | 43             | 78.0            | 40             | 90.0            |
| 2000 .....     | 10                                 | 21.0            | 30             | 43.4            | 31             | 73.0            |
| 2001 .....     | 3                                  | 3.4             | 30             | 42.8            | 24             | 54.9            |
| 2002 .....     | 7                                  | 5.2             | 36             | 57.8            | 35             | 66.1            |
| IL:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 7                                  | 16.2            | 14             | 64.1            | 28             | 304.0           |
| 2000 .....     | 11                                 | 16.8            | 16             | 77.5            | 29             | 286.0           |
| 2001 .....     | 10                                 | 42.8            | 12             | 95.8            | 22             | 250.5           |
| 2002 .....     | 18                                 | 37.5            | 25             | 143.1           | 38             | 422.6           |
| IN:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 28                                 | 33.6            | 36             | 105.3           | 36             | 219.0           |
| 2000 .....     | 7                                  | 11.0            | 15             | 53.9            | 33             | 207.8           |
| 2001 .....     | 12                                 | 11.4            | 20             | 58.1            | 36             | 222.4           |
| 2002 .....     | 18                                 | 17.4            | 24             | 67.9            | 46             | 276.0           |
| IA:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 7                                  | 23.5            | 17             | 103.5           | 22             | 173.7           |
| 2000 .....     | 15                                 | 81.0            | 22             | 110.1           | 22             | 138.0           |
| 2001 .....     | 5                                  | 9.9             | 9              | 47.9            | 10             | 71.3            |
| 2002 .....     | 3                                  | 9.3             | 7              | 48.3            | 12             | 163.7           |
| KS:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 22                                 | 14.9            | 22             | 19.4            | 15             | 7.6             |
| 2000 .....     | 18                                 | 10.3            | 16             | 16.9            | *              | *               |
| 2002 .....     | 24                                 | 12.2            | 25             | 28.7            | 8              | 5.9             |
| KY:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 17                                 | 4.8             | 25             | 18.3            | 26             | 24.2            |
| 2000 .....     | 13                                 | 7.7             | 40             | 31.7            | 39             | 37.7            |
| 2002 .....     | 21                                 | 9.6             | 37             | 30.3            | 38             | 46.6            |
| LA:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 5                                  | 1.4             | 14             | 7.2             | 11             | 6.8             |
| 2000 .....     | 6                                  | 1.5             | 20             | 7.3             | 26             | 15.6            |
| 2002 .....     | 2                                  | 0.1             | 18             | 5.5             | 18             | 7.5             |
| MD:            |                                    |                 |                |                 |                |                 |
| 2002 .....     | 23                                 | 2.7             | 17             | 2.9             | 26             | 7.0             |
| MI:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 31                                 | 9.5             | 45             | 27.7            | 65             | 109.5           |
| 2000 .....     | 37                                 | 11.1            | 40             | 44.8            | 72             | 131.2           |
| 2002 .....     | 44                                 | 24.4            | 34             | 32.0            | 67             | 119.1           |
| MN:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 13                                 | 18.7            | 13             | 29.5            | 13             | 54.5            |
| 2000 .....     | 8                                  | 10.2            | 9              | 24.1            | 24             | 118.6           |
| 2001 .....     | 13                                 | 15.3            | 13             | 32.3            | 12             | 41.5            |
| 2002 .....     | 11                                 | 16.1            | 12             | 34.2            | 10             | 39.1            |
| MS:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 10                                 | 4.2             | 15             | 14.1            | 22             | 23.9            |
| 2000 .....     | 9                                  | 3.4             | 19             | 14.3            | 20             | 23.5            |
| 2002 .....     | 12                                 | 3.7             | 20             | 15.8            | 20             | 25.7            |
| MO:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 15                                 | 11.7            | 23             | 54.8            | 23             | 87.3            |
| 2000 .....     | 20                                 | 27.5            | 28             | 98.1            | 27             | 94.2            |
| 2001 .....     | 6                                  | 5.4             | 24             | 52.2            | 22             | 61.7            |
| 2002 .....     | 13                                 | 11.8            | 29             | 62.9            | 36             | 158.1           |

See footnotes at end of table.

**Table 14-9.—Soybeans: Fertilizer usage, 1999–2002<sup>1</sup>—Continued**

| State and Year | Percent treated and amount applied |                 |                |                 |                |                 |
|----------------|------------------------------------|-----------------|----------------|-----------------|----------------|-----------------|
|                | Nitrogen                           |                 | Phosphate      |                 | Potash         |                 |
|                | Area applied                       | Pounds applied  | Area applied   | Pounds applied  | Area applied   | Pounds applied  |
|                | <i>Percent</i>                     | <i>Millions</i> | <i>Percent</i> | <i>Millions</i> | <i>Percent</i> | <i>Millions</i> |
| NE:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 25                                 | 17.8            | 25             | 31.7            | 16             | 17.0            |
| 2000 .....     | 30                                 | 19.8            | 20             | 36.7            | 15             | 6.2             |
| 2001 .....     | 22                                 | 23.4            | 21             | 38.3            | 10             | 13.2            |
| 2002 .....     | 31                                 | 23.1            | 36             | 79.9            | 11             | 14.6            |
| NC:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 54                                 | 15.8            | 71             | 53.9            | 71             | 85.0            |
| 2000 .....     | 38                                 | 12.6            | 62             | 64.7            | 47             | 47.7            |
| 2002 .....     | 36                                 | 14.4            | 36             | 25.0            | 41             | 51.3            |
| ND:            |                                    |                 |                |                 |                |                 |
| 2000 .....     | 46                                 | 27.8            | 41             | 25.3            | *              | *               |
| 2002 .....     | 64                                 | 44.1            | 59             | 50.5            | 11             | 3.3             |
| OH:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 21                                 | 14.4            | 35             | 81.6            | 47             | 205.6           |
| 2000 .....     | 25                                 | 21.7            | 32             | 70.2            | 47             | 192.8           |
| 2001 .....     | 17                                 | 19.1            | 30             | 63.9            | 41             | 164.7           |
| 2002 .....     | 20                                 | 14.1            | 27             | 62.6            | 56             | 276.4           |
| PA:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 37                                 | 2.8             | 41             | 7.5             | 43             | 10.0            |
| SD:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 47                                 | 41.3            | 47             | 88.3            | 19             | 21.3            |
| 2000 .....     | 38                                 | 24.3            | 43             | 66.0            | 12             | 12.2            |
| 2002 .....     | 37                                 | 32.5            | 41             | 102.0           | 15             | 24.4            |
| TN:            |                                    |                 |                |                 |                |                 |
| 1999 .....     | 34                                 | 7.1             | 46             | 25.9            | 48             | 38.4            |
| 2000 .....     | 18                                 | 3.0             | 29             | 14.3            | 31             | 22.2            |
| 2002 .....     | 42                                 | 14.5            | 47             | 31.1            | 57             | 48.6            |
| VA:            |                                    |                 |                |                 |                |                 |
| 2002 .....     | 25                                 | 3.6             | 33             | 7.3             | 46             | 18.4            |
| WI:            |                                    |                 |                |                 |                |                 |
| 2000 .....     | 24                                 | 6.5             | 30             | 16.6            | 40             | 46.2            |
| 2002 .....     | 40                                 | 9.2             | 35             | 18.9            | 48             | 54.7            |

<sup>1</sup> Data not available for all States for all years. Note: Planted acres are on page III-13. \* Insufficient number of reports to publish data.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 14-10.—Wheat: Pesticide usage, 1999–2002 <sup>1</sup>**

| State and Year | Percent treated and amount applied <sup>2</sup> |                  |                          |                  |
|----------------|---|------------------|--------------------------|------------------|
|                | Herbicide                                       |                  | Insecticide <sup>3</sup> |                  |
|                | Area applied                                    | Pounds applied   | Area applied             | Pounds applied   |
|                | <i>Percent</i>                                  | <i>Thousands</i> | <i>Percent</i>           | <i>Thousands</i> |
| Winter.        |   |                  |                          |                  |
| AR:            |   |                  |                          |                  |
| 2000 ..        | 41  | 239              | **                       | **               |
| CO:            |   |                  |                          |                  |
| 2000 ..        | 23  | 281              | *                        | *                |
| 2002 ..        | 12  | 68               | *                        | *                |
| ID:            |   |                  |                          |                  |
| 2000 ..        | 89  | 411              | 4                        | 15               |
| IL:            |   |                  |                          |                  |
| 2000 ..        | 44  | 21               | **                       | **               |
| 2002 ..        | 39  | 10               | *                        | *                |
| IN:            |   |                  |                          |                  |
| 1999 ..        | 39  | 28               | *                        | *                |
| KS:            |   |                  |                          |                  |
| 2000 ..        | 31  | 478              | 8                        | 395              |
| 2002 ..        | 32  | 347              | 7                        | 30               |
| KY:            |   |                  |                          |                  |
| 2000 ..        | 51  | 57               | 8                        | 15               |
| MO:            |   |                  |                          |                  |
| 2000 ..        | 51  | 47               | *                        | *                |
| 2002 ..        | 12  | 12               | *                        | *                |
| MT:            |   |                  |                          |                  |
| 2000 ..        | 91  | 745              | *                        | *                |
| 2002 ..        | 80  | 433              | *                        | *                |
| NE:            |   |                  |                          |                  |
| 2000 ..        | 26  | 248              | **                       | **               |
| 2002 ..        | 49  | 225              | *                        | *                |
| NC:            |   |                  |                          |                  |
| 2000 ..        | 65  | 206              | 19                       | 3                |
| OH:            |   |                  |                          |                  |
| 2000 ..        | 18  | 53               | **                       | **               |
| 2002 ..        | 31  | 72               | *                        | *                |
| OK:            |   |                  |                          |                  |
| 2000 ..        | 25  | 94               | *                        | *                |
| 2002 ..        | 36  | 155              | 32                       | 285              |
| OR:            |   |                  |                          |                  |
| 2000 ..        | 99  | 550              | **                       | **               |
| TX:            |   |                  |                          |                  |
| 2000 ..        | 12  | 441              | 1                        | 26               |
| 2002 ..        | 34  | 274              | 21                       | 291              |
| WA:            |   |                  |                          |                  |
| 2000 ..        | 95  | 847              | **                       | **               |
| 2002 ..        | 87  | 856              | *                        | *                |
| Durum.         |   |                  |                          |                  |
| ND:            |   |                  |                          |                  |
| 2000 ..        | 97  | 2,807            | *                        | *                |
| 2002 ..        | 100   | 1,238            | *                        | *                |
| Other          |   |                  |                          |                  |
| Spring.        |   |                  |                          |                  |
| MN:            |   |                  |                          |                  |
| 2000 ..        | 92  | 1,845            | *                        | *                |
| 2002 ..        | 84  | 858              | *                        | *                |
| MT:            |   |                  |                          |                  |
| 2000 ..        | 92  | 2,955            | **                       | **               |
| 2002 ..        | 89  | 2,171            | *                        | *                |
| ND:            |   |                  |                          |                  |
| 2000 ..        | 97  | 4,205            | *                        | *                |
| 2002 ..        | 95  | 3,749            | *                        | *                |
| SD:            |   |                  |                          |                  |
| 2000 ..        | 93  | 619              | **                       | **               |

<sup>1</sup>Data not available for all States for all years. <sup>2</sup>Insufficient number of reports to publish data for fungicides and other chemicals. <sup>3</sup>Amount applied excludes Bt (bacillus thuringiensis). \*Insufficient number of reports to publish data. \*\*No reports received for this pesticide class. Note: Planted acres are on page I-2.

**Table 14-11.—Wheat: Fertilizer usage, 2000–2002<sup>1</sup>**

| State and Year | Percent treated and amount applied |                 |                |                 |                |                 |
|----------------|------------------------------------|-----------------|----------------|-----------------|----------------|-----------------|
|                | Nitrogen                           |                 | Phosphate      |                 | Potash         |                 |
|                | Area applied                       | Pounds applied  | Area applied   | Pounds applied  | Area applied   | Pounds applied  |
|                | <i>Percent</i>                     | <i>Millions</i> | <i>Percent</i> | <i>Millions</i> | <i>Percent</i> | <i>Millions</i> |
| Winter.        |                                    |                 |                |                 |                |                 |
| AR:..          |                                    |                 |                |                 |                |                 |
| 2000           | 92                                 | 110.1           | 28             | 12.3            | 28             | 16.0            |
| CO:..          |                                    |                 |                |                 |                |                 |
| 2000           | 87                                 | 85.2            | 14             | 5.6             | *              | *               |
| 2002           | 64                                 | 55.1            | 31             | 18.2            | *              | 0.0             |
| ID:..          |                                    |                 |                |                 |                |                 |
| 2000           | 90                                 | 75.5            | 54             | 12.1            | 13             | 2.7             |
| IL:..          |                                    |                 |                |                 |                |                 |
| 2000           | 98                                 | 80.1            | 82             | 55.5            | 78             | 65.7            |
| 2002           | 96                                 | 59.4            | 76             | 37.0            | 74             | 46.8            |
| IN:..          |                                    |                 |                |                 |                |                 |
| 1999           | 97                                 | 46.3            | 91             | 31.6            | 90             | 39.0            |
| KS:..          |                                    |                 |                |                 |                |                 |
| 2000           | 94                                 | 522.9           | 65             | 178.7           | 6              | 11.2            |
| 2002           | 91                                 | 487.4           | 64             | 162.2           | 8              | 24.5            |
| KY:..          |                                    |                 |                |                 |                |                 |
| 2000           | 80                                 | 52.0            | 62             | 25.9            | 60             | 29.2            |
| MO:..          |                                    |                 |                |                 |                |                 |
| 2000           | 96                                 | 86.8            | 76             | 39.9            | 84             | 59.1            |
| 2002           | 97                                 | 65.9            | 75             | 31.8            | 74             | 40.8            |
| MT:..          |                                    |                 |                |                 |                |                 |
| 2000           | 82                                 | 74.2            | 77             | 34.0            | 43             | 8.2             |
| 2002           | 88                                 | 38.4            | 81             | 18.5            | 46             | 4.8             |
| NE:..          |                                    |                 |                |                 |                |                 |
| 2000           | 90                                 | 76.5            | 68             | 31.5            | *              | *               |
| 2002           | 79                                 | 57.6            | 45             | 22.6            | 4              | 2.1             |
| NC:..          |                                    |                 |                |                 |                |                 |
| 2000           | 88                                 | 78.3            | 48             | 15.8            | 56             | 30.9            |
| OH:..          |                                    |                 |                |                 |                |                 |
| 2000           | 94                                 | 107.0           | 81             | 64.1            | 82             | 74.0            |
| 2002           | 98                                 | 66.4            | 89             | 46.8            | 88             | 51.4            |
| OK:..          |                                    |                 |                |                 |                |                 |
| 2000           | 97                                 | 393.3           | 62             | 148.4           | 5              | 8.3             |
| 2002           | 92                                 | 203.6           | 59             | 65.9            | 4              | 6.4             |
| OR:..          |                                    |                 |                |                 |                |                 |
| 2000           | 99                                 | 46.1            | 11             | 1.8             | 7              | 1.4             |
| SD:..          |                                    |                 |                |                 |                |                 |
| 2000           | 91                                 | 60.8            | 61             | 26.6            | 12             | 1.3             |
| TX:..          |                                    |                 |                |                 |                |                 |
| 2000           | 55                                 | 280.2           | 35             | 79.7            | 14             | 32.0            |
| 2002           | 62                                 | 124.0           | 28             | 30.3            | 7              | 5.4             |
| WA:..          |                                    |                 |                |                 |                |                 |
| 2000           | 100                                | 111.7           | 30             | 10.2            | 6              | 1.3             |
| 2002           | 99                                 | 126.5           | 39             | 12.3            | 11             | 3.5             |
| Durum.         |                                    |                 |                |                 |                |                 |
| ND:..          |                                    |                 |                |                 |                |                 |
| 2000           | 86                                 | 173.8           | 66             | 47.6            | 5              | 2.1             |
| 2002           | 88                                 | 116.1           | 58             | 31.6            | 5              | 1.2             |
| Other.         |                                    |                 |                |                 |                |                 |
| Spring:        |                                    |                 |                |                 |                |                 |
| MN:..          |                                    |                 |                |                 |                |                 |
| 2000           | 94                                 | 169.8           | 85             | 51.8            | 73             | 29.3            |
| 2002           | 89                                 | 129.0           | 83             | 60.8            | 68             | 44.7            |
| MT:..          |                                    |                 |                |                 |                |                 |
| 2000           | 90                                 | 167.6           | 84             | 75.5            | 36             | 15.6            |
| 2002           | 66                                 | 97.8            | 54             | 47.0            | 21             | 14.9            |
| ND:..          |                                    |                 |                |                 |                |                 |
| 2000           | 97                                 | 501.8           | 83             | 170.1           | 12             | 13.3            |
| 2002           | 97                                 | 499.8           | 83             | 197.7           | 19             | 30.6            |
| SD:..          |                                    |                 |                |                 |                |                 |
| 2000           | 86                                 | 173.8           | 66             | 47.6            | 5              | 2.1             |

<sup>1</sup> Data not available for all States for all years. \* Insufficient number of reports to publish data. Note: Planted acres are on page I-2.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 14-12.—Fruits: Percent of acres receiving applications, for surveyed States, 2001 <sup>1</sup>**

| Crop                      | Herbicide      | Insecticide | Fungicide | Other |
|---------------------------|----------------|-------------|-----------|-------|
|                           | <i>Percent</i> |             |           |       |
| Apples .....              | 52             | 95          | 85        | 65    |
| Apricots .....            | 24             | 79          | 74        | 4     |
| Avocados .....            | 24             | 44          | .....     | 6     |
| Blackberries .....        | 80             | 71          | 80        | ..... |
| Blueberries .....         | 65             | 89          | 87        | 10    |
| Cherries, Sweet .....     | 41             | 79          | 79        | 47    |
| Cherries, Tart .....      | 62             | 99          | 99        | 81    |
| Dates .....               | .....          | 18          | .....     | ..... |
| Figs .....                | 50             | 11          | .....     | ..... |
| Grapefruit .....          | 90             | 90          | 83        | 4     |
| Grapes, All .....         | 65             | 60          | 84        | 19    |
| Grapes, Non-bearing ..... | 2              | .....       | .....     | ..... |
| Grapes, Raisin .....      | 59             | 59          | 78        | 26    |
| Grapes, Table .....       | 75             | 80          | 96        | 76    |
| Grapes, Wine .....        | 65             | 58          | 87        | 9     |
| Kiwifruit .....           | 28             | 19          | .....     | ..... |
| Lemons .....              | 51             | 55          | 25        | 26    |
| Nectarines .....          | 70             | 87          | 89        | 23    |
| Olives .....              | 38             | 31          | 6         | 5     |
| Oranges .....             | 85             | 82          | 48        | 3     |
| Peaches .....             | 59             | 91          | 92        | 12    |
| Pears .....               | 49             | 91          | 85        | 56    |
| Plums .....               | 60             | 85          | 66        | 7     |
| Prunes .....              | 34             | 58          | 36        | ..... |
| Raspberries .....         | 89             | 81          | 94        | 16    |
| Tangelos .....            | 79             | 86          | 71        | 18    |
| Tangerines .....          | 80             | 78          | 62        | 14    |
| Temples .....             | 93             | 98          | 66        | ..... |

<sup>1</sup> Refers to acres receiving one or more applications of a specific agricultural chemical.  
 NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 14-13.—Vegetables: Percent of acres receiving applications, for surveyed States, 2002<sup>1</sup>**

| Crop                         | Herbicide      | Insecticide | Fungicide | Other |
|------------------------------|----------------|-------------|-----------|-------|
|                              | <i>Percent</i> |             |           |       |
| Asparagus .....              | 68             | 76          | 32        | *     |
| Beans, Snap, Fresh .....     | 58             | 84          | 80        | 1     |
| Beans, Snap, Processing ...  | 89             | 73          | 38        | *     |
| Broccoli .....               | 65             | 96          | 14        | *     |
| Cabbage, Fresh .....         | 53             | 87          | 51        | 4     |
| Carrots, Fresh .....         | 79             | 24          | 62        | 26    |
| Carrots, Processing .....    | 90             | 64          | 77        | 35    |
| Cauliflower .....            | 34             | 96          | 7         | *     |
| Celery .....                 | 38             | 67          | 49        | *     |
| Corn, Sweet, Fresh .....     | 80             | 90          | 28        | *     |
| Corn, Sweet, Processing .... | 84             | 82          | 6         | 2     |
| Cucumbers, Fresh .....       | 50             | 87          | 85        | 23    |
| Cucumbers, Pickles .....     | 89             | 36          | 30        | 2     |
| Garlic .....                 | 79             | *           | 42        | *     |
| Lettuce, Head .....          | 68             | 95          | 74        | 6     |
| Lettuce, Other .....         | 59             | 89          | 70        | 8     |
| Melons, Cantaloupe .....     | 29             | 54          | 31        | 20    |
| Melons, Honeydew .....       | *              | 66          | 34        | *     |
| Melons, Watermelon .....     | 47             | 57          | 78        | 13    |
| Onions, Bulb .....           | 90             | 78          | 87        | 31    |
| Peas, Green, Processing ...  | 85             | 54          | .....     | ..... |
| Peppers, Bell .....          | 34             | 84          | 61        | 54    |
| Pumpkins .....               | 63             | 61          | 50        | 1     |
| Spinach, Fresh .....         | 28             | 52          | 37        | *     |
| Squash .....                 | 39             | 76          | 63        | 8     |
| Strawberries .....           | 35             | 85          | 86        | 68    |
| Tomatoes, Fresh .....        | 58             | 85          | 86        | 52    |
| Tomatoes, Processing .....   | 67             | 60          | 68        | 29    |

<sup>1</sup> Refers to acres receiving one or more applications of a specific agricultural chemical. \* Insufficient number of reports to publish data.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

## CHAPTER XV

# MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; statistics on fishery products; tables on refrigerated warehouses; and statistics on crops in Alaska.

### Foreign Agricultural Trade Statistics

Agricultural products, sometimes referred to as food and fiber products, cover a broad range of goods from unprocessed bulk commodities like soybeans, feed corn and wheat to highly-processed, high-value foods and beverages like sausages, bakery goods, ice cream, or beer sold in retail stores and restaurants. All of the products found in Chapters 1-24 (except for fishery products in Chapter 3) of the U.S. Harmonized Tariff Schedule are considered agricultural products. These products generally fall into the following categories: grains, animal feeds, and grain products (like bread and pasta); oilseeds and oilseed products (like canola oil); livestock, poultry and dairy products including live animals, meats, eggs, and feathers; horticultural products including all fresh and processed fruits, vegetables, tree nuts, as well as nursery products and beer and wine; unmanufactured tobacco; and tropical products like sugar, cocoa, and coffee. Certain other products are considered "agricultural," the most significant of which are essential oils (Chapter 33), raw rubber (Chapter 40), raw animal hides and skins (Chapter 41), and wool and cotton (Chapters 51-52). Manufactured products derived from plants or animals, but which are not considered "agricultural" are cotton yarn, textiles and clothing; leather and leather articles of apparel; and cigarettes and spirits.

U.S. foreign agricultural trade statistics are based on documents filed by exporters and importers and compiled by the Bureau of the Census. Puerto Rico is a Customs district within the U.S. Customs territory, and its trade with foreign countries is included in U.S. export and import statistics. U.S. export and import statistics include merchandise trade between the U.S. Virgin Islands and foreign countries even though the Virgin Islands of the United States are not officially a part of the U.S. Customs territory.

Data on trade of other U.S. outlying possessions with foreign countries is not compiled by the United States. Export statistics are fully compiled on shipments to all countries, except Canada, where the value of commodities classified under each individual Schedule B number is over \$2,500. Value data for such commodities valued under \$2,501 are estimated for individual countries using factors based on the ratios of low-valued shipments to individual country totals for past periods. The estimates for low-valued shipments are shown under a single Schedule B number and are omitted from the statistics for the detailed commodity classifications. Shipments valued under \$2,501 to all countries, except Canada, represent slightly less than 2.5 percent of the monthly value of U.S. exports to those countries. As a result of the data exchange between the United States and Canada, the United States has adopted the Canadian import exemption level for its export statistics on shipments to Canada. The Canadian import exemption level is based on total value per shipment rather than value per commodity classification line item.

The export value, the value at the port of exportation, is based on the selling price and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are consumed or further processed. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known at the time of shipment from the United States.

Agricultural products, like manufactured goods, are often transhipped from the one country to another. Shippers are asked to identify the ultimate destination of a shipment. However, transshipment points are often recorded as the ultimate destination even though the actual point of consumption may be in a neighboring state. Thus, exports to countries which act as transshipment points are generally overstated, while exports to neighboring countries are often understated. Major world transshipment points include the Netherlands, Hong Kong, and Singapore. In such cases, exports are over reported for the Netherlands, but under reported for Germany, Belgium and the United Kingdom. They are overstated to Hong Kong, but under reported to China, and they overstated to Singapore, but understated to Malaysia and Indonesia. After the collapse of communism in Eastern Europe and Russia, Germany and the Baltic countries became important transshipment points to those countries further east.

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment.

Import statistics are fully compiled on shipments valued over \$1,250. Value data for shipments valued under \$1,251 are not required to be reported on formal entries. They are estimated for individual countries using factors based on the ratios of low-valued shipments to individual country totals for past periods. The estimates for low-valued shipments are shown under a single HTS number. The total value excluded represents slightly less than 1 percent of the monthly import value.



**Table 15-1.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1994–2003**

| Fiscal year ending Sep. 30 <sup>1</sup> | U.S. total domestic exports |                                   |   | U.S. total imports for consumption, customs value |                      |   |   |   |   | Surplus agricultural exports over agricultural imports |
|---|-----------------------------|-----------------------------------|---|---|----------------------|---|---|---|---|--|
|   | Total merchandise exports   | Agricultural exports <sup>2</sup> | Agricultural exports share of total exports | Total merchandise imports                         | Agricultural imports | Agricultural imports share of total exports | Non-competitive agricultural imports <sup>3</sup> | Competitive agricultural imports <sup>3</sup> | Competitive imports share of agricultural imports |  |
|   | Million dollars             | Million dollars                   | Percent                                     | Million dollars                                   | Million dollars      | Percent                                     | Million dollars                                   | Million dollars                               | Percent   | Million dollars  |
| 1994 .....                              | 469,272                     | 43,911                            | 9   | 631,162   | 26,562               | 4   | 6,211   | 20,351  | 77  | 17,349   |
| 1995 .....                              | 534,248                     | 54,644                            | 10  | 728,886   | 29,788               | 4   | 8,463   | 21,325  | 72  | 24,856   |
| 1996 .....                              | 574,646                     | 59,752                            | 10  | 795,289   | 32,444               | 4   | 8,175   | 24,269  | 75  | 27,308   |
| 1997 .....                              | 629,317                     | 57,269                            | 9   | 865,346   | 35,654               | 4   | 9,107   | 26,547  | 74  | 21,615   |
| 1998 .....                              | 639,556                     | 53,653                            | 8   | 895,900   | 36,837               | 4   | 9,229   | 27,608  | 75  | 16,816   |
| 1999 .....                              | 635,754                     | 49,043                            | 8   | 976,258   | 37,293               | 4   | 8,074   | 29,220  | 78  | 11,750   |
| 2000 .....                              | 701,651                     | 50,744                            | 7   | 1,167,768   | 38,857               | 3   | 8,024   | 30,833  | 79  | 11,887   |
| 2001 .....                              | 690,634                     | 52,698                            | 8   | 1,152,642   | 39,027               | 3   | 6,618   | 32,409  | 83  | 13,671   |
| 2002 .....                              | 628,241                     | 53,302                            | 8   | 1,120,317   | 40,956               | 4   | 6,812   | 34,142  | 83  | 12,346   |
| 2003 <sup>4</sup> .....                 | 637,152                     | 56,187                            | 9   | 1,124,294   | 45,679               | 4   | 8,773   | 36,906  | 81  | 10,508   |

<sup>1</sup>Fiscal years Oct. 1–Sept. 30. <sup>2</sup>Includes food exported for relief or charity by individuals and private agencies. <sup>3</sup>Competitive agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural imports include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers. <sup>4</sup>Preliminary.  
ERS, Market and Trade Economics Division, (202) 694–5272.

**Table 15-2.—Foreign Trade: Value and quantity of bulk commodity exports, United States, fiscal years, 1999–2003 <sup>1</sup>**

| Fiscal year | Wheat, unmilled   | Rice, milled      | Feed grains <sup>2</sup> | Oilseeds <sup>3</sup> | Tobacco un-manufactured | Cotton and linters | Bulk commodities  |
|-------------|-------------------|-------------------|--------------------------|-----------------------|-------------------------|--------------------|-------------------|
| Value       |                   |                   |                          |                       |                         |                    |                   |
|             | Million dollars   | Million dollars   | Million dollars          | Million dollars       | Million dollars         | Million dollars    | Million dollars   |
| 1999 .....  | 3,661             | 1,007             | 5,611                    | 5,692                 | 1,376                   | 1,306              | 18,654            |
| 2000 .....  | 3,391             | 905               | 5,283                    | 5,784                 | 1,227                   | 1,829              | 18,420            |
| 2001 .....  | 3,248             | 754               | 5,239                    | 6,097                 | 1,181                   | 2,093              | 18,611            |
| 2002 .....  | 3,498             | 734               | 5,292                    | 6,711                 | 1,148                   | 2,052              | 19,434            |
| 2003 .....  | 3,926             | 925               | 5,180                    | 7,288                 | 999                     | 2,727              | 21,044            |
| Quantity    |                   |                   |                          |                       |                         |                    |                   |
|             | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons        | 1,000 metric tons     | 1,000 metric tons       | 1,000 metric tons  | 1,000 metric tons |
| 1999 .....  | 28,909            | 3,066             | 57,754                   | 24,269                | 205                     | 906                | 115,109           |
| 2000 .....  | 27,909            | 3,307             | 56,557                   | 27,052                | 180                     | 1,532              | 116,538           |
| 2001 .....  | 25,275            | 3,058             | 55,164                   | 27,748                | 177                     | 1,686              | 113,108           |
| 2002 .....  | 25,411            | 3,536             | 53,625                   | 30,303                | 163                     | 2,206              | 115,243           |
| 2003 .....  | 24,434            | 4,471             | 46,345                   | 29,898                | 150                     | 2,420              | 107,717           |

<sup>1</sup>Fiscal years, Oct. 1–Sept. 30. <sup>2</sup>Corn, barley, sorghum, rye, and oats. <sup>3</sup>Soybeans, peanuts, rapeseed, cottonseed, sunflowerseed, safflowerseed, and others.  
ERS, Market and Trade Economics Division, (202) 694–5272.

**Table 15-3.—Agricultural exports: Value to top 50 countries of destination, United States, fiscal years 2001–2003<sup>1</sup>**

| Country  | 2001                   | 2002                   | 2003 <sup>2</sup>      |
|--|------------------------|------------------------|------------------------|
|  | <i>Million dollars</i> | <i>Million dollars</i> | <i>Million dollars</i> |
| Canada .....                                       | 7,993.8                | 8,588.2                | 9,115.4                |
| Japan .....  | 8,942.3                | 8,306.5                | 8,840.0                |
| Mexico .....                                       | 7,277.1                | 7,058.1                | 7,655.4                |
| European Union .....                               | 6,249.3                | 6,276.0                | 6,116.5                |
| China (Mainland) .....                             | 1,875.0                | 1,769.7                | 3,473.2                |
| South Korea .....                                  | 2,541.1                | 2,668.3                | 2,732.2                |
| China (Taiwan) .....                               | 1,985.8                | 1,921.0                | 1,956.5                |
| Hong Kong .....                                    | 1,252.3                | 1,145.1                | 1,060.4                |
| Indonesia .....                                    | 876.8                  | 784.2                  | 909.1                  |
| Egypt .....  | 1,003.7                | 1,019.8                | 856.7                  |
| Turkey .....                                       | 564.1                  | 724.7                  | 856.5                  |
| Philippines .....                                  | 836.1                  | 763.1                  | 654.1                  |
| Thailand .....                                     | 532.4                  | 624.2                  | 622.1                  |
| Australia .....                                    | 296.5                  | 320.3                  | 583.5                  |
| Colombia .....                                     | 441.6                  | 484.7                  | 522.6                  |
| Russia .....                                       | 823.0                  | 710.9                  | 501.0                  |
| Dominican Rep. ....                                | 485.6                  | 522.8                  | 454.7                  |
| Venezuela .....                                    | 415.5                  | 328.7                  | 388.3                  |
| Malaysia .....                                     | 362.2                  | 364.9                  | 378.2                  |
| Israel .....                                       | 435.2                  | 499.9                  | 363.4                  |
| Guatemala .....                                    | 281.7                  | 320.9                  | 362.7                  |
| Brazil .....                                       | 218.7                  | 317.8                  | 360.6                  |
| Nigeria .....                                      | 232.7                  | 289.9                  | 322.5                  |
| Saudi Arabia .....                                 | 469.8                  | 353.8                  | 320.3                  |
| India .....  | 294.3                  | 327.8                  | 306.4                  |
| Switzerland .....                                  | 421.5                  | 672.7                  | 270.5                  |
| Singapore .....                                    | 225.8                  | 242.5                  | 261.5                  |
| Costa Rica .....                                   | 196.3                  | 211.1                  | 247.1                  |
| United Arab Emirates .....                         | 252.6                  | 343.9                  | 244.6                  |
| El Salvador .....                                  | 232.9                  | 216.9                  | 234.4                  |
| Peru .....   | 182.2                  | 225.6                  | 223.9                  |
| Honduras .....                                     | 198.0                  | 178.4                  | 196.6                  |
| Pakistan .....                                     | 97.1                   | 199.7                  | 193.6                  |
| Jamaica .....                                      | 177.8                  | 182.4                  | 188.4                  |
| Cuba .....   | 0.0                    | 111.5                  | 188.3                  |
| Panama .....                                       | 174.3                  | 180.8                  | 183.1                  |
| Algeria .....                                      | 210.8                  | 287.7                  | 180.7                  |
| Haiti .....  | 190.9                  | 156.9                  | 177.5                  |
| Chile .....  | 110.8                  | 108.7                  | 137.9                  |
| New Zealand .....                                  | 102.2                  | 110.7                  | 131.9                  |
| Ethiopia .....                                     | 43.8                   | 8.6                    | 128.5                  |
| Bahamas .....                                      | 129.7                  | 126.7                  | 128.1                  |
| Trinidad and Tobago .....                          | 113.7                  | 114.6                  | 118.6                  |
| Republic of South Africa .....                     | 107.7                  | 144.0                  | 116.4                  |
| Morocco .....                                      | 120.5                  | 119.3                  | 112.6                  |
| Ecuador .....                                      | 108.8                  | 132.7                  | 107.8                  |
| Yemen (Sana) .....                                 | 80.3                   | 109.4                  | 102.9                  |
| Nicaragua .....                                    | 86.7                   | 92.3                   | 99.3                   |
| Jordan .....                                       | 95.8                   | 84.9                   | 98.0                   |
| Bangladesh .....                                   | 104.3                  | 161.5                  | 94.9                   |
| Other .....  | 2,247.0                | 2,276.8                | 2,307.6                |
| Total U.S. agricultural exports <sup>3</sup> ..... | 52,698.2               | 53,291.2               | 56,187.2               |

<sup>1</sup> Fiscal years Oct. 1–Sept. 30. <sup>2</sup> Preliminary. <sup>3</sup> Totals may not add due to rounding.  
ERS, Market and Trade Economics Division, (202) 694–5272.

**Table 15-4.—Foreign trade in agricultural products: Value of exports by principal commodity groups, United States, fiscal years 1999–2003<sup>1</sup>**

| Product  | 1998/1999                | 1999/2000                | 2000/2001                | 2001/2002                | 2002/2003 <sup>2</sup>   |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|  | <i>1,000<br/>dollars</i> | <i>1,000<br/>dollars</i> | <i>1,000<br/>dollars</i> | <i>1,000<br/>dollars</i> | <i>1,000<br/>dollars</i> |
| All commodities .....                          | 635,753,900              | 701,650,500              | 690,634,100              | 628,241,414              | 637,152,152              |
| Nonagricultural commodities .....              | 586,710,600              | 650,906,659              | 637,935,861              | 574,939,734              | 580,964,976              |
| Agricultural exports .....                     | 49,043,300               | 50,743,841               | 52,698,239               | 53,291,233               | 56,187,176               |
| Animals and animal products <sup>3</sup> ..... | 9,886,839                | 11,490,433               | 12,185,754               | 11,615,328               | 11,950,700               |
| Animals, live excluding poultry .....          | 476,147                  | 608,522                  | 727,067                  | 696,552                  | 618,495                  |
| Cattle and calves-live .....                   | 132,139                  | 237,516                  | 271,513                  | 226,501                  | 83,150                   |
| Horses,mules,burrors-live .....                | 297,950                  | 337,933                  | 426,803                  | 413,091                  | 491,488                  |
| Red meat and products .....                    | 4,479,304                | 5,428,603                | 5,192,599                | 5,114,232                | 5,552,720                |
| Beef and Veal .....                            | 2,536,307                | 3,091,104                | 2,644,357                | 2,578,160                | 3,029,242                |
| Pork .....                                     | 977,463                  | 1,268,001                | 1,320,582                | 1,384,244                | 1,357,389                |
| Variety meats, ed. Officials .....             | 667,709                  | 743,194                  | 919,576                  | 831,512                  | 831,293                  |
| Other meats-fr or prep .....                   | 2,516,338                | 289,277                  | 261,884                  | 285,499                  | 301,430                  |
| Poultry and poultry products .....             | 2,061,472                | 2,235,398                | 2,518,646                | 2,280,123                | 2,105,360                |
| Poultry - live .....                           | 112,440                  | 100,108                  | 99,526                   | 107,830                  | 103,211                  |
| Baby chicks .....                              | 98,008                   | 86,132                   | 88,498                   | 97,398                   | 91,656                   |
| Other live poultry .....                       | 14,432                   | 13,976                   | 11,028                   | 10,432                   | 11,555                   |
| Poultry meats .....                            | 1,681,275                | 1,855,275                | 2,084,196                | 1,880,037                | 1,679,647                |
| Chickens - fried or frozen .....               | 1,320,758                | 1,443,312                | 1,580,480                | 1,431,663                | 1,242,857                |
| Turkeys - fried or frozen .....                | 165,868                  | 194,156                  | 224,008                  | 178,156                  | 182,157                  |
| Other poultry - fried or frozen .....          | 10,292                   | 10,876                   | 9,221                    | 7,470                    | 8,152                    |
| Poultry meat-prep or pres .....                | 184,357                  | 206,931                  | 270,487                  | 262,747                  | 246,482                  |
| Poultry, misc .....                            | 87,913                   | 108,446                  | 155,102                  | 119,098                  | 145,633                  |
| Eggs .....                                     | 179,843                  | 171,570                  | 179,822                  | 173,159                  | 176,869                  |
| Dairy products .....                           | 914,890                  | 998,500                  | 1,120,921                | 1,031,403                | 1,033,572                |
| Evaporated and condensed milk .....            | 3,674                    | 4,508                    | 5,936                    | 11,383                   | 19,532                   |
| Nonfat dry milk .....                          | 151,078                  | 193,000                  | 196,839                  | 167,171                  | 212,613                  |
| Butter and anhydrous milkfat .....             | 3,115                    | 3,274                    | 4,033                    | 4,632                    | 6,749                    |
| Cheese .....                                   | 126,748                  | 138,343                  | 157,403                  | 164,868                  | 143,596                  |
| Whey,fluid or dried .....                      | 122,576                  | 152,340                  | 149,842                  | 145,053                  | 130,053                  |
| Other dairy products .....                     | 507,700                  | 507,036                  | 606,867                  | 538,295                  | 521,030                  |
| Fats, oils and greases .....                   | 543,852                  | 421,463                  | 319,994                  | 428,032                  | 538,514                  |
| Lard .....                                     | 37,091                   | 44,856                   | 29,856                   | 24,792                   | 28,930                   |
| Tallow, inedible .....                         | 350,106                  | 249,262                  | 176,953                  | 233,956                  | 303,088                  |
| Other animal fats and oils .....               | 156,656                  | 127,345                  | 113,185                  | 169,285                  | 206,496                  |
| Hides and skins, including furskins .....      | 1,110,124                | 1,428,429                | 1,932,948                | 1,777,298                | 1,790,284                |
| Bovine hides, whole .....                      | 846,137                  | 1,116,545                | 1,437,387                | 1,120,393                | 1,073,199                |
| Other cattle hides-pieces .....                | 49,952                   | 39,733                   | 42,548                   | 42,752                   | 67,236                   |
| Calf skins, whole .....                        | 28,199                   | 38,821                   | 56,936                   | 221,439                  | 322,502                  |
| Horse hides, whole .....                       | 3,809                    | 22,589                   | 147,730                  | 48,583                   | 3,361                    |
| Sheep and lamb skins .....                     | 8,714                    | 18,985                   | 23,346                   | 23,953                   | 19,467                   |
| Other hides and Skin, Ex furs .....            | 49,579                   | 53,541                   | 65,960                   | 84,848                   | 93,581                   |
| Furskins .....                                 | 123,733                  | 138,216                  | 159,041                  | 161,790                  | 142,895                  |
| Wool and mohair .....                          | 20,272                   | 21,105                   | 11,878                   | 22,394                   | 26,282                   |
| Sausage casings .....                          | 66,613                   | 65,657                   | 63,750                   | 57,876                   | 79,519                   |
| Bull semen .....                               | 60,965                   | 57,661                   | 58,742                   | 51,117                   | 44,737                   |
| Misc animal prods - Other .....                | 153,200                  | 225,093                  | 239,210                  | 156,301                  | 161,217                  |
| Grains and feeds .....                         | 14,266,363               | 13,789,244               | 13,817,741               | 14,094,521               | 14,799,225               |
| Wheat,unmilled .....                           | 3,660,893                | 3,391,382                | 3,247,918                | 3,498,078                | 3,925,622                |
| Wheat flour .....                              | 164,085                  | 126,898                  | 107,273                  | 115,754                  | 93,790                   |
| Bulgur wheat .....                             | 2,577                    | 1,115                    | 5,826                    | 15,120                   | 23,113                   |
| Other wheat products .....                     | 85,693                   | 91,596                   | 85,072                   | 88,796                   | 95,645                   |
| Rice-paddy, milled, parb .....                 | 1,006,864                | 904,908                  | 754,014                  | 733,836                  | 925,409                  |
| Feed grains and products .....                 | 5,824,746                | 5,483,422                | 5,469,963                | 5,676,420                | 5,638,059                |
| Feed grain .....                               | 5,611,346                | 5,283,397                | 5,238,695                | 5,291,631                | 5,179,926                |
| Barley .....                                   | 67,411                   | 100,070                  | 136,007                  | 77,454                   | 83,426                   |
| Corn .....                                     | 5,047,840                | 4,601,162                | 4,514,076                | 4,599,161                | 4,562,995                |
| Grain sorghum .....                            | 492,725                  | 578,743                  | 583,795                  | 609,874                  | 528,173                  |
| Oats .....                                     | 3,148                    | 2,487                    | 4,073                    | 4,785                    | 5,121                    |
| Rye .....                                      | 222                      | 934                      | 744                      | 357                      | 210                      |

See footnotes at end of table.

**Table 15-4.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1999–2003<sup>1</sup>—Continued**

| Product                              | 1998/1999            | 1999/2000            | 2000/2001            | 2001/2002            | 2002/2003 <sup>2</sup> |
|--------------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------|
|                                      | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i>   |
| Non-animal products--Continued       |                      |                      |                      |                      |                        |
| Feed grain and products .....        | 213,400              | 200,026              | 231,268              | 384,790              | 458,133                |
| Popcorn .....                        | 59,504               | 63,456               | 64,664               | 60,292               | 54,877                 |
| Blended food prods .....             | 76,819               | 78,336               | 62,763               | 87,170               | 64,548                 |
| Other grain prods .....              | 1,133,472            | 1,165,492            | 1,251,856            | 1,263,924            | 1,348,738              |
| Feed and fodders, ex oilcake .....   | 2,251,710            | 2,482,638            | 2,768,391            | 2,555,132            | 2,629,424              |
| Corn by-products .....               | 565,993              | 594,287              | 594,583              | 571,243              | 584,305                |
| Alfalfa meal and cubes .....         | 39,902               | 34,073               | 24,331               | 22,632               | 37,580                 |
| Beef pulp .....                      | 60,765               | 79,248               | 84,929               | 74,372               | 79,820                 |
| Citrus pulp pellets .....            | 50,140               | 59,423               | 28,324               | 31,063               | 22,000                 |
| Other feeds and fodders .....        | 1,534,909            | 1,715,608            | 2,036,224            | 1,855,822            | 1,905,719              |
| Fruit and prep, ex juice .....       | 2,549,659            | 2,664,881            | 2,821,182            | 2,739,400            | 2,887,670              |
| Fruit fresh .....                    | 1,843,663            | 2,009,065            | 2,158,242            | 2,097,519            | 2,227,128              |
| Oranges and tanger-fresh .....       | 183,175              | 304,155              | 333,568              | 311,837              | 358,897                |
| Berries-fresh .....                  | 141,253              | 163,867              | 159,812              | 184,994              | 240,095                |
| Grapes-fresh .....                   | 285,577              | 332,162              | 390,008              | 385,771              | 401,473                |
| Fruits dried .....                   | 388,950              | 334,306              | 358,399              | 344,031              | 348,765                |
| Fruits-canned ex juice .....         | 146,126              | 142,128              | 144,095              | 139,513              | 155,982                |
| Fruits-frozen ex juice .....         | 66,196               | 63,162               | 56,273               | 56,871               | 52,370                 |
| Other fruits-prep or pres .....      | 104,724              | 116,221              | 104,172              | 101,465              | 103,425                |
| Fruits juices incl frozen .....      | 735,872              | 715,289              | 680,488              | 694,106              | 657,625                |
| Orange juice .....                   | 307,240              | 290,395              | 251,089              | 290,416              | 247,673                |
| Wine .....                           | 523,162              | 513,497              | 528,947              | 501,326              | 596,033                |
| Nuts and prep .....                  | 1,261,118            | 1,212,130            | 1,280,055            | 1,467,262            | 1,627,795              |
| Vegetables and preparations .....    | 4,253,347            | 4,440,373            | 4,511,168            | 4,545,255            | 4,675,565              |
| Vegetables fresh .....               | 1,044,318            | 1,166,679            | 1,207,720            | 1,226,369            | 1,246,980              |
| Lettuce-fresh .....                  | 157,168              | 180,099              | 201,454              | 219,927              | 233,403                |
| Potatoes-fresh .....                 | 83,589               | 88,990               | 90,270               | 122,247              | 90,455                 |
| Tomatoes-fresh .....                 | 127,139              | 148,312              | 150,890              | 135,643              | 148,242                |
| Vegetable-frozen .....               | 532,827              | 534,593              | 547,190              | 513,464              | 500,222                |
| Vegetable canned .....               | 332,948              | 346,214              | 328,172              | 328,439              | 317,677                |
| Pulses .....                         | 268,729              | 240,062              | 251,225              | 238,389              | 250,632                |
| Hops, including hop extract .....    | 76,504               | 90,706               | 121,192              | 97,410               | 90,443                 |
| Other vegetables-prep or pres .....  | 1,998,022            | 2,062,119            | 2,055,669            | 2,141,184            | 2,269,612              |
| Oilseeds and products .....          | 8,610,138            | 8,391,157            | 8,698,601            | 9,681,957            | 10,160,280             |
| Oilcake and meal .....               | 1,100,918            | 1,258,027            | 1,427,251            | 1,335,836            | 1,163,661              |
| Bran and residues, legum. Veg. ..... | 36,220               | 27,066               | 19,303               | 17,945               | 10,461                 |
| Corn oilcake and meal .....          | 5,804                | 5,062                | 1,524                | 1,054                | 272                    |
| Soybean meal .....                   | 1,028,563            | 1,198,925            | 1,367,215            | 1,276,895            | 1,114,225              |
| Other oilcake and meal .....         | 30,331               | 26,974               | 39,208               | 39,942               | 38,703                 |
| Oilseeds .....                       | 5,692,241            | 5,783,926            | 6,096,768            | 6,710,850            | 7,287,586              |
| Rapeseed .....                       | 49,357               | 35,326               | 53,610               | 59,142               | 77,125                 |
| Soybeans .....                       | 4,758,444            | 5,071,500            | 5,089,138            | 5,474,499            | 6,532,952              |
| Sunflowerseeds .....                 | 114,338              | 90,080               | 91,614               | 103,594              | 79,809                 |
| Protein substances .....             | 592,045              | 421,919              | 690,366              | 871,535              | 398,474                |
| Vegetable oils .....                 | 1,816,979            | 1,349,203            | 1,174,582            | 1,635,271            | 1,709,033              |
| Soybean oil .....                    | 585,297              | 278,396              | 239,574              | 454,248              | 558,692                |
| Sunflower oil .....                  | 209,994              | 151,821              | 112,644              | 111,689              | 36,670                 |
| Corn oil .....                       | 334,413              | 261,546              | 208,919              | 276,731              | 278,954                |
| Tobacco-unmtfg .....                 | 1,376,389            | 1,226,797            | 1,181,298            | 1,148,440            | 998,636                |
| Cotton, ex linters .....             | 1,293,154            | 1,809,059            | 2,078,664            | 2,036,122            | 2,713,444              |
| Cotton linters .....                 | 12,7047              | 20,183               | 13,838               | 15,444               | 13,217                 |
| Essential oils .....                 | 507,687              | 591,583              | 674,581              | 763,703              | 957,965                |
| Seeds, field and garden .....        | 794,160              | 771,828              | 727,121              | 833,272              | 813,083                |
| Sugar and tropical products .....    | 1,451,819            | 1,596,585            | 1,860,287            | 1,626,871            | 1,772,953              |
| Related sugar products .....         | 534,287              | 593,086              | 613,306              | 573,483              | 610,095                |
| Coffee .....                         | 239,570              | 253,351              | 259,505              | 244,518              | 284,996                |
| Chocolate and Prep .....             | 307,154              | 384,961              | 592,465              | 437,517              | 474,293                |
| Other misc Veg prods .....           | 415,538              | 448,556              | 503,198              | 501,303              | 499,293                |
| Nursery and Greenhouse Prods .....   | 299,734              | 282,647              | 281,266              | 253,511              | 258,664                |
| Beverages ex juices .....            | 805,617              | 779,599              | 854,048              | 773,412              | 804,378                |

<sup>1</sup> Fiscal years, Oct. 1–Sept. 30. <sup>2</sup> Preliminary. <sup>3</sup> Totals may not add due to rounding.

ERS, Market and Trade Economics Division, (202) 694–5293. Compiled from reports of the U.S. Department of Commerce.

**Table 15-5.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1999–2003<sup>1</sup>**

| Product                                | 1998-1999                | 1999-2000                | 2000-2001                | 2001-2002                | 2002-2003 <sup>2</sup>   |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|  | <i>1,000<br/>dollars</i> | <i>1,000<br/>dollars</i> | <i>1,000<br/>dollars</i> | <i>1,000<br/>dollars</i> | <i>1,000<br/>dollars</i> |
| All commodities                        | 976,258,200              | 1,167,768,000            | 1,152,642,400            | 1,120,317,246            | 1,224,294,083            |
| Nonagricultural commodities            | 938,964,957              | 1,128,910,922            | 1,113,615,317            | 1,079,361,593            | 1,178,614,865            |
| Total agricultural imports             | 37,293,243               | 38,857,078               | 39,027,083               | 40,953,715               | 45,679,218               |
| Noncompetitive ag imports <sup>3</sup> | 8,073,740                | 8,023,982                | 6,617,762                | 6,811,562                | 8,772,789                |
| Bananas and plantains                  | 1,212,087                | 1,128,286                | 1,155,628                | 1,187,716                | 1,164,070                |
| Coffee including products              | 2,960,620                | 2,905,876                | 1,761,091                | 1,609,509                | 1,949,430                |
| Cocoa and products                     | 1,531,677                | 1,465,469                | 1,390,611                | 1,713,833                | 2,266,324                |
| Tea                                    | 241,228                  | 252,106                  | 264,523                  | 279,329                  | 300,166                  |
| Noncompetitive spices                  | 503,986                  | 526,411                  | 495,362                  | 482,911                  | 569,968                  |
| Rubber and allied gums-crude           | 738,634                  | 840,807                  | 668,344                  | 654,816                  | 1,032,406                |
| Silk-raw                               | 527                      | 155                      | 177                      | 164                      | 531                      |
| Wool unmfng-carpet                     | 26,345                   | 24,337                   | 25,027                   | 14,461                   | 20,662                   |
| Fibers-excluding cotton                | 41,677                   | 39,476                   | 32,629                   | 23,616                   | 21,475                   |
| Essential oils                         | 329,566                  | 322,393                  | 307,624                  | 339,274                  | 905,874                  |
| Drugs-crude natural                    | 487,393                  | 518,666                  | 516,745                  | 505,933                  | 541,882                  |
| Competitive ag imports <sup>3</sup>    | 29,219,502               | 30,833,096               | 32,409,320               | 34,142,153               | 36,906,429               |
| Animals and animal products            | 7,029,248                | 8,149,902                | 9,030,126                | 9,066,314                | 8,591,411                |
| Animals, live, excluding poultry       | 1,414,222                | 1,735,191                | 2,197,823                | 1,994,877                | 1,672,319                |
| Cattle and calves                      | 1,005,208                | 1,089,231                | 1,443,573                | 1,376,114                | 1,085,764                |
| Redmeat products                       | 3,108,044                | 3,722,739                | 4,091,262                | 4,186,597                | 4,020,568                |
| Beef and veal                          | 2,047,525                | 2,404,543                | 2,644,748                | 2,748,789                | 2,392,089                |
| Pork                                   | 721,314                  | 957,879                  | 1,039,597                | 991,647                  | 1,149,508                |
| Mutton, goat, and lamb                 | 180,241                  | 205,238                  | 234,890                  | 274,491                  | 316,778                  |
| Horsemeat-fresh or frozen              | 25                       | 12                       | 126                      | 97                       | 11                       |
| Variety meats fresh or frozen          | 81,376                   | 100,005                  | 106,142                  | 100,111                  | 81,950                   |
| Other meats fresh or frozen            | 22,043                   | 18,369                   | 24,686                   | 22,079                   | 25,212                   |
| Other meats and products               | 55,521                   | 36,694                   | 41,614                   | 49,382                   | 55,022                   |
| Poultry and products                   | 201,455                  | 287,487                  | 258,312                  | 316,503                  | 293,578                  |
| Dairy products                         | 1,572,543                | 1,652,514                | 1,727,726                | 1,840,645                | 1,865,308                |
| Milk and cream, fresh or dried         | 46,867                   | 35,823                   | 40,783                   | 43,824                   | 39,375                   |
| Cheese                                 | 718,987                  | 697,133                  | 703,518                  | 808,045                  | 820,813                  |
| Casein and mixtures                    | 410,529                  | 469,936                  | 526,474                  | 461,615                  | 435,289                  |
| Butter and butterfat mixture           | 61,495                   | 31,609                   | 76,166                   | 53,853                   | 39,122                   |
| Other dairy products                   | 334,665                  | 418,013                  | 380,784                  | 473,308                  | 530,709                  |
| Fats, oils and greases                 | 55,740                   | 69,412                   | 62,437                   | 63,034                   | 67,360                   |
| Hides and skins                        | 146,184                  | 160,065                  | 162,127                  | 135,977                  | 132,682                  |
| Sheep and lamb skins                   | 4,646                    | 4,083                    | 5,353                    | 3,797                    | 3,960                    |
| Other hides and skins                  | 92,476                   | 101,827                  | 97,043                   | 76,470                   | 68,916                   |
| Furskins                               | 49,062                   | 54,155                   | 59,731                   | 55,710                   | 59,806                   |
| Wool, unmanuf. apparel grade           | 48,810                   | 41,410                   | 28,135                   | 16,226                   | 19,048                   |
| Sausage casings                        | 70,676                   | 60,848                   | 59,443                   | 70,305                   | 91,012                   |
| Bull semen                             | 18,839                   | 18,378                   | 16,082                   | 15,604                   | 15,461                   |
| Misc animal products                   | 392,736                  | 401,857                  | 426,778                  | 426,546                  | 414,075                  |
| Grains and feeds                       | 2,945,658                | 3,037,963                | 3,189,465                | 3,599,087                | 3,911,350                |
| Wheat, excluding seed                  | 295,314                  | 204,543                  | 259,222                  | 312,943                  | 157,966                  |
| Oats, unmilled                         | 137,199                  | 142,012                  | 159,100                  | 186,955                  | 231,116                  |
| Barley, unmilled                       | 72,458                   | 83,818                   | 83,013                   | 70,947                   | 40,586                   |
| Rice                                   | 186,980                  | 178,647                  | 170,193                  | 161,624                  | 200,622                  |
| Biscuits and wafers                    | 825,690                  | 935,616                  | 999,975                  | 1,154,521                | 1,326,686                |
| Pasta and noodles                      | 278,686                  | 280,833                  | 251,123                  | 262,694                  | 287,156                  |
| Other grains and preparations          | 645,895                  | 710,372                  | 762,882                  | 924,805                  | 1,092,112                |
| Feeds and fodders, ex oilcake          | 464,466                  | 477,335                  | 488,550                  | 503,036                  | 539,280                  |
| Fruits and preparations                | 2,698,849                | 2,625,992                | 2,799,109                | 3,090,121                | 3,432,585                |
| Fresh or frozen                        | 1,998,902                | 1,953,050                | 2,131,664                | 2,300,195                | 2,523,044                |
| Grapes fresh                           | 545,409                  | 518,260                  | 580,879                  | 669,167                  | 659,619                  |
| Melons                                 | 280,848                  | 261,864                  | 287,323                  | 267,156                  | 234,428                  |
| Fruits prepared or preserved           | 699,947                  | 672,942                  | 667,446                  | 789,926                  | 909,541                  |
| Pineapples canned or frozen            | 242,781                  | 198,644                  | 162,227                  | 189,753                  | 205,481                  |
| Other Fruits prepared or preserved     | 457,166                  | 474,298                  | 505,219                  | 600,173                  | 704,061                  |
| Fruit juices                           | 771,930                  | 782,901                  | 648,595                  | 652,671                  | 776,811                  |
| Nuts and preparations                  | 709,030                  | 790,720                  | 655,628                  | 648,127                  | 723,800                  |
| Vegetables and preparation             | 4,528,661                | 4,660,455                | 5,181,907                | 5,442,109                | 6,200,964                |
| Vegetable Fresh or frozen              | 2,578,208                | 2,701,440                | 3,100,462                | 3,120,036                | 3,700,928                |
| Tomatoes                               | 713,121                  | 608,428                  | 755,074                  | 739,657                  | 1,044,056                |
| Peppers                                | 324,880                  | 451,848                  | 507,973                  | 440,258                  | 541,350                  |
| Potatoes, fresh or frozen              | 363,850                  | 435,977                  | 426,042                  | 495,544                  | 543,075                  |
| Vegetables prepared or preserved       | 1,950,453                | 1,959,015                | 2,082,892                | 2,323,766                | 2,500,036                |
| Olives-prepared or preserved           | 196,611                  | 183,204                  | 198,644                  | 209,645                  | 231,015                  |
| Mushrooms, canned                      | 99,581                   | 128,517                  | 113,750                  | 100,265                  | 112,173                  |
| Hops and extract                       | 29,884                   | 28,762                   | 22,475                   | 23,365                   | 32,428                   |
| Tomatoes including paste and sauces    | 154,975                  | 68,077                   | 85,068                   | 125,841                  | 111,459                  |
| Soups and sauces                       | 273,259                  | 311,000                  | 339,351                  | 385,942                  | 365,053                  |
| Sugar and related products             | 1,585,898                | 1,514,662                | 1,618,326                | 1,709,992                | 2,112,255                |
| Sugar, cane and beet                   | 614,670                  | 484,415                  | 524,251                  | 518,303                  | 584,045                  |
| Molasses, inedible                     | 56,294                   | 54,671                   | 96,120                   | 98,759                   | 95,130                   |
| Confectionery products                 | 683,983                  | 742,937                  | 769,217                  | 844,618                  | 1,046,183                |
| Spices                                 | 63,646                   | 67,802                   | 68,936                   | 87,074                   | 91,864                   |

See footnotes at end of table.

**Table 15-5.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1999–2003<sup>1</sup>—Continued**

| Product                             | 1998-1999 | 1999-2000 | 2000-2001 | 2001-2002 | 2002-2003 <sup>2</sup> |
|-------------------------------------|-----------|-----------|-----------|-----------|------------------------|
| Competitive <sup>3</sup> —Continued | 1,000     | 1,000     | 1,000     | 1,000     | 1,000                  |
| Non-animal products—Continued       | dollars   | dollars   | dollars   | dollars   | dollars                |
| Tobacco, unmanufactured .....       | 741,828   | 651,192   | 648,100   | 736,363   | 669,927                |
| Tobacco, filler .....               | 695,762   | 606,925   | 597,075   | 677,600   | 621,740                |
| Tobacco, scrap .....                | 16,440    | 16,220    | 14,842    | 22,845    | 20,362                 |
| Beverages, excluding fruit juices   | 4,259,986 | 4,701,324 | 4,990,694 | 5,572,105 | 6,403,632              |
| Wine .....                          | 2,132,267 | 2,218,399 | 2,225,061 | 2,521,873 | 3,183,705              |
| Malt beverages .....                | 1,865,038 | 2,126,018 | 2,296,189 | 2,526,172 | 2,590,760              |
| Oilseeds and products .....         | 1,873,024 | 1,859,844 | 1,679,534 | 1,674,740 | 2,002,351              |
| Oilseeds and oilnuts .....          | 315,773   | 298,126   | 266,491   | 216,795   | 236,654                |
| Flaxseed .....                      | 40,860    | 30,237    | 12,952    | 16,407    | 32,488                 |
| Rapeseed .....                      | 66,663    | 50,830    | 43,078    | 17,878    | 44,376                 |
| Sesame seed .....                   | 52,375    | 56,437    | 47,684    | 41,778    | 36,615                 |
| Oils and waxes—vegetables ...       | 1,410,351 | 1,409,838 | 1,261,042 | 1,309,848 | 1,587,712              |
| Castor oil .....                    | 35,842    | 42,355    | 33,836    | 21,394    | 20,930                 |
| Coconut oil .....                   | 235,861   | 251,103   | 182,730   | 165,702   | 168,264                |
| Olive oil .....                     | 349,619   | 416,151   | 386,836   | 420,647   | 508,137                |
| Palm oil .....                      | 62,513    | 50,024    | 54,828    | 62,842    | 68,028                 |
| Palm kernel oil .....               | 131,162   | 118,407   | 74,344    | 54,882    | 112,330                |
| Rapeseed oil .....                  | 294,213   | 243,419   | 213,819   | 226,225   | 275,339                |
| Oilcake and meal .....              | 146,900   | 151,880   | 152,001   | 148,098   | 177,985                |
| Cotton excluding linters .....      | 141,960   | 22,613    | 9,767     | 15,480    | 26,451                 |
| Cotton linters .....                | 8,090     | 5,160     | 17,353    | 7,928     | 1,603                  |
| Seeds, field and garden .....       | 468,311   | 503,101   | 442,989   | 417,213   | 443,241                |
| Cut flowers .....                   | 578,766   | 623,213   | 577,480   | 543,850   | 584,800                |
| Nursery stock, bulbs, etc. ....     | 497,231   | 541,929   | 578,543   | 590,900   | 631,660                |
| Other vegetable products .....      | 317,387   | 294,322   | 271,321   | 286,482   | 301,664                |

<sup>1</sup> Fiscal years, Oct. 1–Sept. 30. <sup>2</sup> Preliminary. <sup>3</sup> Competitive agricultural import products consists of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.

ERS, Market and Trade Economics Division, (202) 694–5272. Compiled from reports of the U.S. Depart. of Commerce.

**Table 15-6.—Agricultural exports: Value of U.S. exports to the top market, Canada, by commodity, fiscal year 2001/02-3–2002/2003<sup>1</sup>**

| Commodity                            | Value         |               |                        |
|--------------------------------------|---------------|---------------|------------------------|
|                                      | 2000/2001     | 2001/2002     | 2002/2003 <sup>2</sup> |
|                                      | 1,000 dollars | 1,000 dollars | 1,000 dollars          |
| Total agricultural exports           | 7,993,769     | 8,588,160     | 9,115,446              |
| Animals and animal products          | 1,436,609     | 1,440,943     | 1,419,693              |
| Animals Live-Ex Poultry .....        | 200,023       | 157,129       | 67,093                 |
| Cattle and calves-live .....         | 168,357       | 127,794       | 36,491                 |
| Horses, Mules, Burros-live .....     | 30,748        | 27,905        | 28,982                 |
| Red meat and Products .....          | 519,574       | 542,924       | 597,890                |
| Beef and Veal .....                  | 276,720       | 278,127       | 333,329                |
| Pork .....                           | 146,718       | 166,011       | 165,037                |
| Variety meats, Ed Offals .....       | 23,418        | 25,046        | 29,889                 |
| Other meats-Fr of Prep .....         | 72,289        | 73,101        | 69,106                 |
| Poultry and poultry products .....   | 330,735       | 345,934       | 345,676                |
| Poultry-Live .....                   | 28,274        | 27,238        | 25,723                 |
| Baby chicks .....                    | 20,490        | 20,323        | 18,392                 |
| Other live poultry .....             | 7,784         | 6,915         | 7,330                  |
| Poultry meats .....                  | 252,377       | 267,710       | 271,424                |
| Chickens-Fresh or frozen .....       | 133,110       | 151,707       | 146,937                |
| Turkeys-Fresh or frozen .....        | 9,629         | 8,709         | 10,364                 |
| Other poultry-fresh or frozen .....  | 2,046         | 2,134         | 2,678                  |
| Poultry meats-prep or frozen .....   | 107,592       | 105,160       | 111,445                |
| Poultry misc. ....                   | 4,334         | 3,874         | 2,818                  |
| Eggs .....                           | 45,750        | 47,112        | 45,712                 |
| Dairy prods .....                    | 225,822       | 233,037       | 243,330                |
| Evap and condensed milk .....        | 407           | 494           | 610                    |
| Nonfat dry milk .....                | 1,652         | 1,669         | 1,889                  |
| Butter and Anhydrous Milkfat .....   | 111           | 134           | 392                    |
| Cheese .....                         | 24,917        | 25,021        | 24,953                 |
| Whey, fluid or dried .....           | 34,784        | 25,994        | 25,019                 |
| Other dairy products .....           | 163,950       | 179,724       | 190,476                |
| Fats, oils and greases .....         | 22,855        | 22,983        | 26,011                 |
| Lard .....                           | 3,150         | 2,616         | 1,408                  |
| Tallow-edible .....                  | 2,750         | 3,400         | 3,427                  |
| Other animal fats and oils .....     | 16,955        | 16,966        | 21,176                 |
| Hides and skins incl furs .....      | 87,201        | 87,000        | 77,654                 |
| Bovine hides .....                   | 38,707        | 33,362        | 26,193                 |
| Other cattle hides-pieces .....      | 2,995         | 1,077         | 1,028                  |
| Calf skins, whole .....              | 54            | 180           | 420                    |
| Horse hides whole .....              | 240           | 283           | 970                    |
| Sheep and lamb skins .....           | 457           | 254           | 326                    |
| Other hides and skins, ex.furs ..... | 348           | 2,211         | 1,418                  |
| Furskins .....                       | 44,400        | 49,581        | 47,295                 |
| Wool and Mohair .....                | 1,129         | 839           | 552                    |
| Sausage casings .....                | 9,762         | 8,669         | 9,612                  |
| Bull semen .....                     | 4,009         | 4,156         | 3,829                  |

See footnotes at end of table.

**Table 15-6.—Agricultural exports: Value of U.S. exports to the top market, Canada, by commodity, fiscal years 2000/2001–2002/2003<sup>1</sup>—Continued**

| Commodity                            | Value                |                      |                        |
|--------------------------------------|----------------------|----------------------|------------------------|
|                                      | 2000/2001            | 2001/2002            | 2002/2003 <sup>2</sup> |
|                                      | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i>   |
| Misc animal products-other .....     | 35,499               | 38,271               | 42,046                 |
| Grains and feeds .....               | 1,525,957            | 1,714,846            | 1,843,280              |
| Wheat, unmilled .....                | 104                  | 1,234                | 3,093                  |
| Wheat flour .....                    | 8,106                | 5,486                | 6,929                  |
| Bulgur wheat .....                   | 0                    | 0                    | 0                      |
| Other wheat products .....           | 55,745               | 48,942               | 53,655                 |
| Rice-paddy,milled parb .....         | 66,318               | 63,158               | 67,760                 |
| Feed grains and products .....       | 309,325              | 438,906              | 465,263                |
| Feed grains .....                    | 250,131              | 377,996              | 412,821                |
| Barley .....                         | 6,787                | 13,099               | 19,811                 |
| Corn .....                           | 241,334              | 362,383              | 390,115                |
| Grain sorghums .....                 | 552                  | 495                  | 711                    |
| Oats .....                           | 1,109                | 1,876                | 2,115                  |
| Rye .....                            | 350                  | 143                  | 69                     |
| Feed grain products .....            | 59,194               | 60,910               | 52,442                 |
| Popcorn .....                        | 5,542                | 5,333                | 5,403                  |
| Blended food prods .....             | 0                    | 0                    | 0                      |
| Other grain prods .....              | 677,791              | 724,302              | 759,984                |
| Feeds and fodders, ex.oilcakes ..... | 403,027              | 427,485              | 445,192                |
| Corn by-products .....               | 32,138               | 23,494               | 23,680                 |
| Alfalfa meal and cubes .....         | 19                   | 52                   | 142                    |
| Beet pulp .....                      | 3,274                | 6,630                | 3,631                  |
| Citrus pulp pellets .....            | 0                    | 0                    | 0                      |
| Other feeds and fodders .....        | 367,595              | 400,309              | 417,740                |
| Fruits and prep. ex.juice .....      | 808,685              | 877,945              | 954,606                |
| Fruits-fresh .....                   | 659,967              | 722,172              | 795,957                |
| Oranges and tangerines fresh .....   | 94,231               | 97,837               | 100,938                |
| Berries-fresh .....                  | 110,837              | 134,323              | 171,904                |
| Grapes, fresh .....                  | 109,882              | 111,330              | 117,124                |
| Fruits, dried .....                  | 43,026               | 49,392               | 52,597                 |
| Fruits—canned excl. juice .....      | 48,807               | 47,218               | 51,931                 |
| Fruits—froz. excl. juice .....       | 21,230               | 26,745               | 18,407                 |
| Other fruits—prep. or pres .....     | 35,635               | 32,417               | 35,713                 |
| Fruit juices incl. frozen .....      | 247,014              | 235,003              | 266,003                |
| Orange juice .....                   | 126,280              | 133,197              | 150,183                |
| Wine .....                           | 86,584               | 83,888               | 94,656                 |
| Nuts and prep .....                  | 158,660              | 170,771              | 176,532                |
| Vegetables and prep .....            | 1,632,784            | 1,765,701            | 1,819,759              |
| Vegetables-fresh .....               | 882,596              | 940,361              | 954,858                |
| Lettuce-fresh .....                  | 161,996              | 186,018              | 188,835                |
| Potatoes-fresh .....                 | 69,737               | 112,553              | 76,018                 |
| Tomatoes-fresh .....                 | 122,476              | 106,100              | 129,623                |
| Vegetables-frozen .....              | 60,505               | 79,505               | 83,252                 |
| Vegetables-canned .....              | 117,809              | 116,675              | 95,390                 |
| Pulses .....                         | 13,353               | 18,398               | 23,444                 |
| Hops,incl hop ext .....              | 6,361                | 5,941                | 6,126                  |
| Other veg-prep or pres .....         | 552,059              | 604,821              | 656,688                |
| Oilseeds and prods .....             | 613,673              | 760,460              | 843,952                |
| Oilcake and meal .....               | 194,571              | 221,604              | 234,326                |
| Bran and residues, legum.veg. ....   | 112                  | 493                  | 800                    |
| Corn oilcake and meal .....          | 550                  | 807                  | 173                    |
| Soybean meal .....                   | 189,988              | 214,509              | 223,467                |
| Other oilcake and meal .....         | 4,922                | 5,795                | 9,886                  |
| Oilseeds .....                       | 178,227              | 290,526              | 290,182                |
| Rapeseed .....                       | 45,337               | 49,854               | 66,515                 |
| Soybeans .....                       | 74,451               | 172,532              | 150,209                |
| Sunflowerseeds .....                 | 6,463                | 9,815                | 7,769                  |
| Protein substances .....             | 35,809               | 35,899               | 47,322                 |
| Vegetable oils .....                 | 240,875              | 248,330              | 319,445                |
| Soybean oil .....                    | 24,733               | 39,438               | 69,402                 |
| Sunflower oil .....                  | 12,960               | 14,235               | 12,604                 |
| Corn oil .....                       | 18,008               | 15,151               | 10,416                 |
| Tobacco-unmfg .....                  | 1,847                | 2,792                | 1,757                  |
| Cotton, ex. linters .....            | 108,577              | 76,467               | 102,841                |
| Cotton linters .....                 | 1,439                | 1,050                | 846                    |
| Essential oils .....                 | 149,830              | 221,567              | 248,835                |
| Seeds-field and garden .....         | 128,849              | 116,633              | 110,874                |
| Sugar and tropical prods .....       | 716,143              | 750,562              | 851,891                |
| Related sugar products .....         | 231,992              | 246,417              | 272,187                |
| Coffee .....                         | 167,847              | 178,369              | 211,509                |
| Chocolate and prep .....             | 172,642              | 185,417              | 214,991                |
| Other misc veg prods .....           | 57,979               | 64,478               | 68,159                 |
| Nursery and greenhouse prods .....   | 137,627              | 134,886              | 141,739                |
| Beverages ex juices .....            | 181,530              | 170,167              | 176,024                |

<sup>1</sup> Fiscal years Oct. 1–Sept. 30. <sup>2</sup> Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5293.

**Table 15-7.—Agricultural imports for consumption: Value of Top 50 countries of origin, United States, fiscal years 2001–2003 <sup>1</sup>**

| Country  | 2001            |                              |                          | 2002            |                              |                          | 2003 <sup>2</sup> |                              |                          |
|--|-----------------|------------------------------|--------------------------|-----------------|------------------------------|--------------------------|-------------------|------------------------------|--------------------------|
|  | Total           | Non-competitive <sup>3</sup> | Competitive <sup>3</sup> | Total           | Non-competitive <sup>3</sup> | Competitive <sup>3</sup> | Total             | Non-competitive <sup>3</sup> | Competitive <sup>3</sup> |
|  | Million dollars | Million dollars              | Million dollars          | Million dollars | Million dollars              | Million dollars          | Million dollars   | Million dollars              | Million dollars          |
| Canada .....   | 9,520.5         | 641.5                        | 8,879.0                  | 10,189.9        | 720.0                        | 9,469.9                  | 10,269.3          | 880.8                        | 9,388.5                  |
| European Union .....                                     | 7,912.7         | 854.4                        | 7,058.4                  | 8,458.3         | 897.5                        | 7,560.8                  | 9,992.8           | 1,545.2                      | 8,447.6                  |
| Mexico .....   | 5,310.9         | 314.8                        | 4,996.1                  | 5,288.0         | 295.2                        | 4,992.8                  | 5,950.0           | 327.9                        | 5,662.1                  |
| Australia .....  | 1,798.4         | 41.5                         | 1,756.9                  | 1,893.9         | 40.4                         | 1,853.5                  | 1,975.9           | 41.5                         | 1,934.4                  |
| Brazil .....   | 984.6           | 296.4                        | 688.1                    | 1,080.8         | 299.1                        | 781.7                    | 1,466.5           | 491.7                        | 974.7                    |
| New Zealand .....  | 1,227.9         | 19.6                         | 1,208.3                  | 1,226.5         | 10.4                         | 1,216.0                  | 1,287.5           | 15.7                         | 1,271.8                  |
| Chile .....  | 1,022.9         | 11.3                         | 1,011.5                  | 1,123.9         | 12.6                         | 1,111.3                  | 1,200.1           | 11.4                         | 1,887.7                  |
| China (mainland) .....                                   | 787.0           | 137.8                        | 649.1                    | 973.7           | 145.2                        | 828.5                    | 184.3             | 166.1                        | 1,018.2                  |
| Indonesia .....  | 858.5           | 713.4                        | 145.0                    | 910.3           | 768.2                        | 142.0                    | 1,157.6           | 1,012.5                      | 145.1                    |
| Colombia .....   | 962.4           | 540.9                        | 421.6                    | 905.2           | 511.2                        | 391.0                    | 1,030.9           | 545.6                        | 485.3                    |
| Thailand .....   | 725.5           | 217.6                        | 508.0                    | 708.3           | 192.7                        | 515.6                    | 887.3             | 276.4                        | 610.9                    |
| Costa Rica .....   | 816.8           | 432.0                        | 384.8                    | 814.4           | 409.8                        | 404.6                    | 845.3             | 411.6                        | 433.7                    |
| Guatemala .....  | 625.0           | 423.1                        | 201.8                    | 642.0           | 412.6                        | 229.4                    | 772.2             | 487.9                        | 284.2                    |
| India .....  | 688.2           | 196.9                        | 491.4                    | 669.5           | 181.8                        | 487.7                    | 692.1             | 175.1                        | 517.0                    |
| Argentina .....  | 606.8           | 71.9                         | 534.9                    | 580.9           | 75.3                         | 505.6                    | 584.0             | 69.6                         | 514.3                    |
| Ecuador .....  | 469.7           | 302.7                        | 166.9                    | 504.4           | 343.4                        | 161.0                    | 544.6             | 352.4                        | 192.2                    |
| Philippines .....  | 429.6           | 9.7                          | 419.9                    | 433.2           | 7.8                          | 425.4                    | 486.1             | 9.5                          | 476.7                    |
| Ivory Coast .....  | 163.4           | 157.5                        | 5.9                      | 241.0           | 237.5                        | 3.5                      | 440.4             | 434.2                        | 6.3                      |
| Malaysia .....   | 288.3           | 117.1                        | 171.2                    | 268.1           | 106.1                        | 162.0                    | 420.2             | 163.9                        | 256.3                    |
| Japan .....  | 355.6           | 71.1                         | 284.5                    | 373.5           | 72.6                         | 300.9                    | 370.0             | 74.3                         | 295.7                    |
| Turkey .....   | 293.6           | 37.1                         | 256.5                    | 321.0           | 42.8                         | 278.2                    | 312.9             | 46.5                         | 266.4                    |
| Dominican Republic .....                                 | 260.2           | 45.4                         | 214.9                    | 264.9           | 54.0                         | 210.9                    | 275.6             | 74.0                         | 201.6                    |
| Peru .....   | 188.4           | 63.5                         | 124.9                    | 220.7           | 70.0                         | 150.7                    | 274.9             | 87.6                         | 187.4                    |
| Vietnam .....  | 157.2           | 99.8                         | 57.4                     | 175.5           | 82.4                         | 93.1                     | 228.9             | 101.9                        | 127.1                    |
| Honduras .....   | 235.4           | 145.8                        | 89.6                     | 226.2           | 144.4                        | 81.8                     | 224.5             | 145.0                        | 79.6                     |
| Switzerland .....  | 151.9           | 50.4                         | 101.5                    | 161.6           | 56.0                         | 105.6                    | 184.2             | 69.3                         | 115.0                    |
| Poland .....   | 108.2           | 5.9                          | 102.3                    | 145.2           | 8.1                          | 137.1                    | 180.4             | 10.0                         | 170.4                    |
| China(Taiwan) .....                                      | 182.6           | 7.6                          | 175.0                    | 172.1           | 8.1                          | 164.1                    | 165.6             | 8.7                          | 157.0                    |
| Israel .....   | 131.2           | 26.0                         | 105.2                    | 136.2           | 20.2                         | 116.0                    | 165.1             | 23.8                         | 141.3                    |
| Madagascar (Mala-<br>gasy) .....                         | 95.3            | 91.6                         | 3.7                      | 110.4           | 106.9                        | 3.4                      | 154.9             | 153.4                        | 1.5                      |
| South Korea .....  | 122.8           | 5.7                          | 117.1                    | 143.9           | 5.3                          | 138.6                    | 152.8             | 6.4                          | 146.4                    |
| Rep.S. Africa .....                                      | 113.6           | 10.2                         | 103.4                    | 120.8           | 10.8                         | 110.0                    | 148.2             | 11.0                         | 137.3                    |
| Nicaragua .....  | 96.2            | 45.2                         | 51.0                     | 94.2            | 36.6                         | 57.6                     | 107.0             | 49.5                         | 57.5                     |
| El Salvador .....  | 78.8            | 44.9                         | 33.9                     | 87.7            | 29.6                         | 58.2                     | 92.3              | 45.7                         | 46.6                     |
| Hong Kong .....  | 80.1            | 11.5                         | 68.6                     | 90.5            | 10.8                         | 79.7                     | 79.0              | 9.6                          | 69.4                     |
| Singapore .....  | 48.3            | 25.2                         | 23.1                     | 52.2            | 26.1                         | 26.1                     | 72.2              | 49.5                         | 27.7                     |
| Morocco .....  | 39.7            | 3.4                          | 36.3                     | 44.8            | 2.8                          | 42.0                     | 71.0              | 3.3                          | 67.6                     |
| Uruguay .....  | 61.4            | 0.3                          | 61.1                     | 32.5            | 0.5                          | 32.0                     | 67.6              | 0.5                          | 67.1                     |
| Jamaica .....  | 50.7            | 7.3                          | 43.4                     | 56.3            | 7.3                          | 49.0                     | 63.0              | 6.5                          | 56.5                     |
| Liberia .....  | 39.8            | 39.7                         | 0.0                      | 44.4            | 44.3                         | 0.1                      | 50.9              | 50.9                         | 0.0                      |
| Malawi .....   | 52.0            | 12.1                         | 39.9                     | 62.5            | 12.0                         | 50.5                     | 50.3              | 8.1                          | 42.2                     |
| Egypt .....  | 38.1            | 9.9                          | 21.9                     | 40.1            | 10.5                         | 29.6                     | 49.0              | 9.8                          | 39.2                     |
| Norway .....   | 46.1            | 1.4                          | 44.8                     | 41.2            | 2.1                          | 39.1                     | 46.7              | 1.9                          | 44.8                     |
| Bulgaria .....   | 33.6            | 2.5                          | 31.2                     | 40.4            | 4.4                          | 36.0                     | 42.5              | 3.4                          | 39.0                     |
| Hungary .....  | 41.0            | 2.9                          | 38.1                     | 43.7            | 2.3                          | 41.4                     | 38.2              | 2.3                          | 35.9                     |
| Panama .....   | 38.0            | 15.9                         | 22.1                     | 32.7            | 8.3                          | 24.4                     | 38.0              | 13.1                         | 24.9                     |
| Kenya .....  | 40.4            | 38.2                         | 2.1                      | 38.7            | 33.3                         | 5.4                      | 37.9              | 29.7                         | 8.2                      |
| Venezuela .....  | 37.2            | 9.8                          | 27.4                     | 38.9            | 17.5                         | 21.4                     | 37.5              | 20.9                         | 16.6                     |
| Pakistan .....   | 29.7            | 2.3                          | 27.3                     | 34.0            | 2.6                          | 31.4                     | 36.1              | 4.0                          | 32.1                     |
| Czech Republic .....                                     | 23.6            | 0.2                          | 23.4                     | 26.7            | 0.8                          | 26.0                     | 35.8              | 1.6                          | 34.1                     |
| Other .....  | 563.3           | 184.9                        | 378.5                    | 567.9           | 208.4                        | 359.6                    | 589.0             | 231.6                        | 357.4                    |
| Total U. S. Agricul-<br>tural Imports <sup>4</sup> ..... | 39,027.1        | 6,617.8                      | 32,409.3                 | 40,953.7        | 6,811.6                      | 34,142.2                 | 45,679.2          | 8,772.8                      | 36,906.4                 |

<sup>1</sup> Fiscal years Oct. 1–Sept. 30. <sup>2</sup> Preliminary. <sup>3</sup> Competitive...as previously in note 2. <sup>4</sup> Totals may not add due to rounding.

ERS, Market and Trade Economics Division, (202) 694–5293. Compiled from reports of the U.S. Department of Commerce.





**Table 15-10.—Fresh and frozen fishery products: Production and value, 1995–2002<sup>1</sup>**  
 [2002 is preliminary]

| Product                                    | Production       |                  |                  |                  |                  |                  |                  |                  |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|  | 1995             | 1996             | 1997             | 1998             | 1999             | 2000             | 2001             | 2002             |
|  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  |
| Fish fillets and steaks <sup>2</sup> ..... | 385              | 423              | 410              | 422              | 362              | 368              | 480              | 519              |
| Cod .....                                  | 65               | 67               | 79               | 67               | 61               | 56               | 40               | 51               |
| Flounder .....                             | 35               | 29               | 27               | 24               | 23               | 27               | 30               | 29               |
| Haddock .....                              | 3                | 4                | 7                | 6                | 5                | 6                | 6                | 7                |
| Ocean perch, Atlantic .....                | ( <sup>3</sup> ) | 2                | 1                | 1                | 1                | 1                | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Rockfish .....                             | 25               | 20               | 17               | 16               | 11               | 11               | 7                | 8                |
| Pollock, Atlantic .....                    | 4                | 2                | 1                | 4                | 2                | 2                | 2                | 5                |
| Pollock, Alaska .....                      | 135              | 136              | 112              | 161              | 144              | 160              | 271              | 304              |
| Other .....                                | 118              | 163              | 166              | 143              | 115              | 105              | 124              | 115              |
|  | Value            |                  |                  |                  |                  |                  |                  |                  |
|  | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> |
| Fish fillets and steaks <sup>2</sup> ..... | 841              | 904              | 961              | 961              | 807              | 823              | 914              | 984              |
| Cod .....                                  | 152              | 163              | 179              | 161              | 108              | 167              | 123              | 155              |
| Flounder .....                             | 86               | 79               | 79               | 70               | 67               | 71               | 74               | 77               |
| Haddock .....                              | 11               | 14               | 24               | 22               | 20               | 24               | 27               | 29               |
| Ocean perch, Atlantic .....                | 1                | 4                | 2                | 2                | 2                | 1                | 1                | 1                |
| Rockfish .....                             | 38               | 42               | 33               | 33               | 23               | 25               | 17               | 18               |
| Pollock, Atlantic .....                    | 10               | 5                | 2                | 7                | 4                | 4                | 8                | 15               |
| Pollock, Alaska .....                      | 184              | 159              | 129              | 190              | 169              | 178              | 296              | 327              |
| Other .....                                | 359              | 438              | 513              | 476              | 414              | 353              | 368              | 362              |

<sup>1</sup> Excludes Alaska and Hawaii, except frozen products includes Alaska and Hawaii. <sup>2</sup> Fresh and frozen. <sup>3</sup> Less than 500,000 lb.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713-2328.

**Table 15-11.—Canned fishery products: Production and value, 1995–2002<sup>1</sup>**  
 [2002 is preliminary]

| Product                    | Production       |                  |                  |                  |                  |                  |                  |                  |
|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                            | 1995             | 1996             | 1997             | 1998             | 1999             | 2000             | 2001             | 2002             |
|                            | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  |
| Total <sup>2</sup> .....   | 1,927            | 1,877            | 1,565            | 1,533            | 1,897            | 1,747            | 1,664            | 1,315            |
| Tuna .....                 | 667              | 676              | 627              | 681              | 694              | 671              | 507              | 547              |
| Salmon .....               | 249              | 197              | 162              | 159              | 234              | 171              | 185              | 224              |
| Clam products .....        | 129              | 129              | 127              | 113              | 123              | 127              | 126              | 139              |
| Sardines, Maine .....      | 14               | 18               | 16               | 12               | 1                | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Shrimp .....               | ( <sup>5</sup> ) | ( <sup>5</sup> ) | 1                | 2                | 2                | 2                | 2                | 2                |
| Crabs .....                | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) |
| Oysters <sup>4</sup> ..... | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | 1                | ( <sup>5</sup> ) |
|                            | Value            |                  |                  |                  |                  |                  |                  |                  |
|                            | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> |
| Total <sup>2</sup> .....   | 1,887            | 1,800            | 1,593            | 1,765            | 1,861            | 1,626            | 1,400            | 1,288            |
| Tuna .....                 | 939              | 957              | 919              | 983              | 946              | 856              | 658              | 675              |
| Salmon .....               | 419              | 284              | 253              | 274              | 393              | 288              | 259              | 296              |
| Clam products .....        | 111              | 117              | 115              | 105              | 110              | 120              | 125              | 117              |
| Sardines, Maine .....      | 24               | 30               | 29               | 19               | 20               | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Shrimp .....               | 7                | 6                | 5                | 11               | 10               | 11               | 10               | 9                |
| Crabs .....                | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) |
| Oysters <sup>4</sup> ..... | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | 1                | 1                | ( <sup>5</sup> ) |

<sup>1</sup> Natural pack only. <sup>2</sup> Includes other products not shown separately. <sup>3</sup> Confidential data. <sup>4</sup> Includes oyster specialties. <sup>5</sup> Less than 500,000 pounds or \$500,000.

U.S. Dept. of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713-2328.

**Table 15-12.—Fisheries: Fishermen and craft, 1977, and catch, 1997–2002 by area**  
 [1997–2002 are preliminary]

| Area                         | 1977 <sup>1</sup> |                 |                            | 1997            |                  | 1998            |                  |
|------------------------------|-------------------|-----------------|----------------------------|-----------------|------------------|-----------------|------------------|
|                              | Fishermen         | Fishing vessels | Fishing boats <sup>2</sup> | Total catch     | Value            | Total catch     | Value            |
|                              | <i>1,000</i>      | <i>Number</i>   | <i>1,000</i>               | <i>Mil. lb.</i> | <i>Mil. dol.</i> | <i>Mil. lb.</i> | <i>Mil. dol.</i> |
| United States .....          | 182.1             | 17,545          | 89.2                       | 9,843           | 3,448            | 9,194           | 3,128            |
| New England States .....     | 31.7              | 929             | 15.4                       | 641             | 556              | 596             | 537              |
| Middle Atlantic States ..... | 17.3              | 573             | 11.3                       | 237             | 200              | 262             | 181              |
| Chesapeake Bay States .....  | 27.9              | 2,086           | 19.0                       | 688             | 169              | 653             | 180              |
| South Atlantic States .....  | 11.6              | 1,463           | 6.7                        | 299             | 213              | 240             | 197              |
| Gulf States .....            | 29.3              | 5,328           | 11.0                       | 1,790           | 759              | 1,537           | 719              |
| Pacific Coast States .....   | 54.0              | 7,643           | 15.4                       | 6,126           | 1,464            | 5,843           | 1,236            |
| Great Lakes States .....     | 1.2               | 217             | 0.5                        | 26              | 17               | 27              | 16               |
| Hawaii .....                 | 2.7               | 101             | 1.3                        | 37              | 69               | 36              | 62               |

  

|                              | 1999            |                  | 2000            |                  | 2001            |                  | 2002            |                  |
|------------------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
|                              | Total catch     | Value            | Total catch     | Value            | Total catch     | Value            | Total catch     | Value            |
|                              | <i>Mil. lb.</i> | <i>Mil. dol.</i> | <i>Mil. lb.</i> | <i>Mil. dol.</i> | <i>Mil. lb.</i> | <i>Mil. dol.</i> | <i>Mil. lb.</i> | <i>Mil. dol.</i> |
| United States .....          | 9,339           | 3,467            | 9,069           | 3,549            | 9,492           | 3,228            | 9,397           | 3,092            |
| New England States .....     | 584             | 655              | 571             | 681              | 635             | 646              | 584             | 685              |
| Middle Atlantic States ..... | 225             | 181              | 220             | 173              | 217             | 173              | 207             | 170              |
| Chesapeake Bay States .....  | 527             | 172              | 492             | 172              | 617             | 175              | 496             | 172              |
| South Atlantic States .....  | 230             | 198              | 221             | 204              | 200             | 176              | 215             | 173              |
| Gulf States .....            | 1,945           | 758              | 1,760           | 911              | 1,606           | 798              | 1,716           | 693              |
| Pacific Coast States .....   | 5,766           | 1,472            | 5,750           | 1,321            | 6,174           | 1,187            | 6,138           | 1,131            |
| Great Lakes States .....     | 24              | 16               | 22              | 19               | 19              | 18               | 18              | 16               |
| Hawaii .....                 | 37              | 65               | 33              | 68               | 24              | 55               | 24              | 52               |

<sup>1</sup> Exclusive of duplication among regions. Computation of area amounts will not equal U.S. total. Mississippi River data included with total. <sup>2</sup> Refers to craft having capacity of less than 5 net tons. Note: Table may not add due to rounding.  
 U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713-2328.

**Table 15-13.—Fisheries: Quantity and value of domestic catch, 1993–2002**  
 [1993–2002 are preliminary]

| Year       | Quantity <sup>1</sup> |                 |                                      | Ex-vessel value  | Average price per lb. |
|------------|-----------------------|-----------------|--------------------------------------|------------------|-----------------------|
|            | Total                 | For human food  | For industrial products <sup>2</sup> |                  |                       |
|            | <i>Mil. lb.</i>       | <i>Mil. lb.</i> | <i>Mil. lb.</i>                      | <i>Mil. dol.</i> | <i>Cents</i>          |
| 1993 ..... | 10,467                | 8,214           | 2,253                                | 3,471            | 33.2                  |
| 1994 ..... | 10,461                | 7,936           | 2,525                                | 3,809            | 36.4                  |
| 1995 ..... | 9,788                 | 7,667           | 2,121                                | 3,770            | 38.5                  |
| 1996 ..... | 9,565                 | 7,474           | 2,091                                | 3,487            | 36.5                  |
| 1997 ..... | 9,842                 | 7,244           | 2,598                                | 3,448            | 35.0                  |
| 1998 ..... | 9,194                 | 7,173           | 2,021                                | 3,128            | 34.0                  |
| 1999 ..... | 9,339                 | 6,832           | 2,507                                | 3,467            | 37.1                  |
| 2000 ..... | 9,069                 | 6,912           | 2,157                                | 3,550            | 39.1                  |
| 2001 ..... | 9,492                 | 7,314           | 2,178                                | 3,228            | 34.0                  |
| 2002 ..... | 9,397                 | 7,205           | 2,192                                | 3,092            | 32.9                  |

<sup>1</sup> Live weight. <sup>2</sup> Meals, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food.  
 U.S. Department of Commerce, NOAA, NMFS Fisheries Statistics and Economics Division (301) 723-2328.

**Table 15-14.—Fishery products: Supply, 1993–2002<sup>1</sup>**  
 [1993–2002 are preliminary]

| Item                                  | 1993            | 1994            | 1995            | 1996            | 1997            |
|---------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                       | <i>Mil. lbs</i> | <i>Mil. lbs</i> | <i>Mil. lbs</i> | <i>Mil. lbs</i> | <i>Mil. lbs</i> |
| Total .....                           | 20,334          | 19,309          | 16,484          | 16,474          | 17,133          |
| For human food .....                  | 13,821          | 13,714          | 13,584          | 13,626          | 13,740          |
| Finfish .....                         | 10,796          | 10,719          | 10,692          | 10,699          | 10,580          |
| Shellfish <sup>2</sup> .....          | 3,025           | 2,995           | 2,891           | 2,927           | 3,160           |
| For industrial use .....              | 6,513           | 5,595           | 2,900           | 2,848           | 3,393           |
| Domestic catch .....                  | 10,467          | 10,461          | 9,788           | 9,565           | 9,843           |
| Percent of total .....                | 51.5            | 54.2            | 59.4            | 58.1            | 57.4            |
| For human food .....                  | 8,214           | 7,936           | 7,667           | 7,476           | 7,245           |
| Finfish .....                         | 6,770           | 6,612           | 6,414           | 6,205           | 5,969           |
| Shellfish <sup>2</sup> .....          | 1,444           | 1,324           | 1,252           | 1,271           | 1,277           |
| For industrial use .....              | 2,253           | 2,525           | 2,121           | 2,089           | 2,598           |
| Imports <sup>3</sup> .....            | 9,867           | 8,848           | 6,696           | 6,909           | 7,290           |
| Percent of total .....                | 48.5            | 45.8            | 40.6            | 41.9            | 42.5            |
| For human food .....                  | 5,607           | 5,778           | 5,917           | 6,150           | 6,495           |
| Finfish .....                         | 4,026           | 4,107           | 4,278           | 4,494           | 4,612           |
| Shellfish <sup>2</sup> .....          | 1,581           | 1,671           | 1,639           | 1,656           | 1,883           |
| For industrial use <sup>4</sup> ..... | 4,260           | 3,070           | 779             | 759             | 795             |

  

| Item                                  | 1998            | 1999            | 2000            | 2001            | 2002            |
|---------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                       | <i>Mil. lbs</i> | <i>Mil. lbs</i> | <i>Mil. lbs</i> | <i>Mil. lbs</i> | <i>Mil. lbs</i> |
| Total .....                           | 16,898          | 17,378          | 17,339          | 18,119          | 19,028          |
| For human food .....                  | 14,175          | 14,462          | 14,740          | 15,306          | 16,007          |
| Finfish .....                         | 10,837          | 10,831          | 11,006          | 11,330          | 11,770          |
| Shellfish <sup>2</sup> .....          | 3,338           | 3,630           | 3,734           | 3,977           | 4,237           |
| For industrial use .....              | 2,723           | 2,916           | 2,599           | 2,812           | 3,022           |
| Domestic catch .....                  | 9,194           | 9,339           | 9,068           | 9,492           | 9,397           |
| Percent of total .....                | 54.4            | 53.7            | 52.3            | 52.4            | 49.4            |
| For human food .....                  | 7,174           | 6,832           | 6,912           | 7,314           | 7,205           |
| Finfish .....                         | 5,935           | 5,490           | 5,637           | 6,162           | 6,013           |
| Shellfish <sup>2</sup> .....          | 1,238           | 1,341           | 1,275           | 1,152           | 1,192           |
| For industrial use .....              | 2,021           | 2,507           | 2,157           | 2,178           | 2,193           |
| Imports <sup>3</sup> .....            | 7,704           | 8,039           | 8,271           | 8,627           | 9,631           |
| Percent of total .....                | 45.6            | 46.3            | 47.7            | 47.6            | 50.6            |
| For human food .....                  | 7,001           | 7,630           | 7,828           | 7,992           | 8,802           |
| Finfish .....                         | 4,901           | 5,341           | 5,369           | 5,168           | 5,757           |
| Shellfish <sup>2</sup> .....          | 2,100           | 2,289           | 2,459           | 2,825           | 3,045           |
| For industrial use <sup>4</sup> ..... | 702             | 409             | 442             | 634             | 829             |

<sup>1</sup> Live weight, except percent. May not add due to rounding. <sup>2</sup> For univalve and bivalves mollusks (conchs, clams, oysters, scallops, etc.), the weight of meats, excluding the shell is reported. <sup>3</sup> Excluding imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. <sup>4</sup> Fish meal and sea herring.

U.S. Department of Commerce, NOAA, NMFS Fisheries Statistics and Economics Division (301) 713-2328.

**Table 15-15.—Fisheries: Disposition of domestic catch, 1993–2002<sup>1</sup>**  
 [1993–2002 are preliminary]

| Disposition                     | 1993             | 1994             | 1995             | 1996             | 1997             | 1998             | 1999             | 2000             | 2001             | 2002             |
|---------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                 | <i>Mil. lbs.</i> | <i>Mil. lbs.</i> | <i>Mil. lbs.</i> | <i>Mil. lbs.</i> | <i>Mil. lbs.</i> | <i>Mil. lbs.</i> | <i>Mil. lbs.</i> | <i>Mil. lbs.</i> | <i>Mil. lbs.</i> | <i>Mil. lbs.</i> |
| Fresh and frozen .....          | 7,744            | 7,475            | 7,099            | 7,054            | 6,873            | 6,870            | 6,416            | 6,657            | 7,085            | 6,826            |
| Canned .....                    | 649              | 622              | 769              | 678              | 648              | 516              | 712              | 530              | 536              | 652              |
| Cured .....                     | 115              | 95               | 90               | 93               | 108              | 129              | 133              | 119              | 123              | 117              |
| Reduced to meal, oil, etc ..... | 1,959            | 2,269            | 1,830            | 1,740            | 2,213            | 1,679            | 2,078            | 1,763            | 1,748            | 1,802            |
| Total .....                     | 10,467           | 10,461           | 9,788            | 9,565            | 9,842            | 9,194            | 9,339            | 9,069            | 9,492            | 9,397            |

<sup>1</sup> Live weight catch. In addition to whole fish, a large portion of waste (400–500 mil. lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown.

U.S. Department of Commerce, NOAA, NMFS Fisheries Statistics and Economics Division (301) 713-2328.

**Table 15-16.—Processed fishery products: Production and value, 1995–2002<sup>1</sup>**

| Item                               | Production       |                  |                  |                  |                  |                  |                  |                   |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
|                                    | 1995             | 1996             | 1997             | 1998             | 1999             | 2000             | 2001             | 2002 <sup>3</sup> |
|                                    | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>  | <i>Mil. lb.</i>   |
| Fresh and frozen:                  |                  |                  |                  |                  |                  |                  |                  |                   |
| Fillets .....                      | 355              | 372              | 355              | 391              | 337              | 336              | 450              | 495               |
| Steaks .....                       | 30               | 51               | 55               | 31               | 25               | 32               | 30               | 24                |
| Fish sticks .....                  | 74               | 65               | 69               | 69               | 65               | 40               | 43               | 48                |
| Fish portions .....                | 251              | 214              | 196              | 185              | 203              | 183              | 189              | 187               |
| Breaded shrimp .....               | 100              | 108              | 117              | 109              | 119              | 121              | 152              | 148               |
| Canned products <sup>2</sup> ..... | 1,927            | 1,877            | 1,565            | 1,533            | 1,897            | 1,747            | 1,664            | 1,315             |
| Fish and shellfish .....           | 1,085            | 1,053            | 953              | 989              | 1,100            | 1,008            | 885              | 951               |
| Animal feed .....                  | 842              | 824              | 612              | 544              | 797              | 739              | 779              | 365               |
| Industrial products .....          | NA               | NA               | NA               | NA               | NA               | NA               | NA               | NA                |
| Meal and scrap .....               | 667              | 643              | 725              | 613              | 672              | 627              | 644              | 638               |
| Oil (body and liver) .....         | 242              | 248              | 283              | 223              | 286              | 192              | 279              | 211               |
| Other .....                        | NA               | NA               | NA               | NA               | NA               | NA               | NA               | NA                |
|                                    |                  |                  |                  |                  |                  |                  |                  |                   |
| Item                               | Value            |                  |                  |                  |                  |                  |                  |                   |
|                                    | 1995             | 1996             | 1997             | 1998             | 1999             | 2000             | 2001             | 2002 <sup>3</sup> |
|                                    | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i>  |
| Fresh and frozen:                  |                  |                  |                  |                  |                  |                  |                  |                   |
| Fillets .....                      | 767              | 807              | 845              | 887              | 739              | 741              | 845              | 915               |
| Steaks .....                       | 73               | 97               | 116              | 74               | 68               | 82               | 68               | 69                |
| Fish sticks .....                  | 73               | 56               | 64               | 63               | 63               | 43               | 42               | 52                |
| Fish portions .....                | 357              | 307              | 285              | 211              | 269              | 233              | 235              | 237               |
| Breaded shrimp .....               | 299              | 342              | 335              | 333              | 352              | 375              | 540              | 475               |
| Canned products <sup>2</sup> ..... | 1,887            | 1,800            | 1,593            | 1,775            | 1,861            | 1,626            | 1,400            | 1,288             |
| Fish and shellfish .....           | 1,544            | 1,429            | 1,361            | 1,425            | 1,522            | 1,334            | 1,110            | 1,148             |
| Animal feed .....                  | 343              | 371              | 232              | 350              | 340              | 292              | 290              | 140               |
| Industrial products .....          | 247              | 274              | 347              | 233              | 268              | 511              | 547              | 400               |
| Meal and scrap .....               | 122              | 138              | 174              | 117              | 147              | 115              | 126              | 140               |
| Oil (body and liver) .....         | 42               | 44               | 55               | 56               | 42               | 21               | 48               | 41                |
| Other .....                        | 74               | 86               | 118              | 60               | 79               | 83               | 83               | 79                |

<sup>1</sup>Includes cured fish. <sup>2</sup>Includes salmon eggs for baits. <sup>3</sup>Preliminary. NA=not available.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713-2328.

**Table 15-17.—Selected fishery products: Imports and exports, 1995–2002<sup>1</sup>**

| Product                                       | Quantity        |                 |                 |                 |                 |                 |                 |                 |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|   | 1995            | 1996            | 1997            | 1998            | 1999            | 2000            | 2001            | 2002            |
|   | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> |
| <b>Imports</b>                                |                 |                 |                 |                 |                 |                 |                 |                 |
| Edible .....                                  | 3,066           | 3,170           | 3,339           | 3,647           | 3,888           | 3,978           | 4,102           | 4,427           |
| Fresh or frozen .....                         | 2,597           | 2,727           | 2,861           | 3,119           | 3,227           | 3,310           | 3,449           | 3,670           |
| Salmon <sup>2</sup> .....                     | 126             | 142             | 163             | 152             | 156             | 151             | 159             | 182             |
| Tuna .....                                    | 496             | 529             | 438             | 571             | 491             | 445             | 405             | 358             |
| Groundfish fillets, blocks <sup>3</sup> ..... | 372             | 385             | 384             | 376             | 410             | 393             | 310             | 347             |
| Other fillets and steaks ...                  | 316             | 326             | 339             | 392             | 429             | 510             | 601             | 691             |
| Scallops (meats) .....                        | 48              | 59              | 60              | 52              | 44              | 54              | 40              | 48              |
| Lobster, American and spiny .....             | 66              | 63              | 65              | 64              | 81              | 95              | 92              | 100             |
| Shrimp and prawn .....                        | 591             | 579             | 645             | 692             | 728             | 757             | 878             | 942             |
| Canned .....                                  | 378             | 354             | 387             | 428             | 546             | 556             | 539             | 632             |
| Sardines, in oil .....                        | 14              | 13              | 13              | 15              | 16              | 26              | 19              | 15              |
| Sardines and herring, not in oil .....        | 28              | 30              | 31              | 33              | 38              | 46              | 42              | 42              |
| Tuna .....                                    | 215             | 193             | 212             | 240             | 335             | 313             | 292             | 378             |
| Oysters .....                                 | 11              | 10              | 10              | 14              | 13              | 43              | 12              | 13              |
| Pickled or salted .....                       | 39              | 37              | 37              | 42              | 38              | 42              | 43              | 46              |
| Cod, haddock, hake, pollock, cusk .....       | 5               | 5               | 5               | 7               | 7               | 9               | 8               | 8               |
| Nonedible scrap and metal ...                 | 139             | 136             | 142             | 125             | 73              | 79              | 113             | 148             |
| <b>Exports</b>                                |                 |                 |                 |                 |                 |                 |                 |                 |
| Canned salmon .....                           | 98              | 96              | 82              | 77              | 114             | 81              | 110             | 99              |
| Fish oil, nonedible .....                     | 260             | 187             | 215             | 197             | 233             | 142             | 249             | 213             |

  

| Product                                       | Value            |                  |                  |                  |                  |                  |                  |                  |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|   | 1995             | 1996             | 1997             | 1998             | 1999             | 2000             | 2001             | 2002             |
|   | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> | <i>Mil. dol.</i> |
| <b>Imports</b>                                |                  |                  |                  |                  |                  |                  |                  |                  |
| Edible .....                                  | 6,792            | 6,730            | 7,754            | 8,173            | 9,014            | 10,054           | 9,864            | 10,121           |
| Fresh or frozen .....                         | 6,072            | 6,044            | 7,022            | 7,356            | 8,043            | 9,120            | 8,832            | 8,948            |
| Salmon <sup>2</sup> .....                     | 281              | 305              | 344              | 319              | 345              | 333              | 323              | 344              |
| Tuna .....                                    | 458              | 510              | 494              | 556              | 550              | 520              | 515              | 417              |
| Groundfish fillets, blocks <sup>3</sup> ..... | 511              | 498              | 534              | 579              | 674              | 589              | 479              | 544              |
| Other fillets and steaks ...                  | 632              | 645              | 727              | 837              | 982              | 1,233            | 1,263            | 1,383            |
| Scallops (meats) .....                        | 174              | 198              | 237              | 218              | 193              | 212              | 128              | 144              |
| Lobster, American and spiny .....             | 492              | 446              | 481              | 476              | 628              | 712              | 727              | 825              |
| Shrimp and prawn .....                        | 2,565            | 2,448            | 2,943            | 3,102            | 3,131            | 3,749            | 3,617            | 3,414            |
| Canned .....                                  | 503              | 474              | 525              | 588              | 682              | 670              | 774              | 907              |
| Sardines, in oil .....                        | 26               | 23               | 25               | 28               | 28               | 39               | 30               | 23               |
| Sardines and herring, not in oil .....        | 23               | 26               | 26               | 29               | 36               | 44               | 39               | 38               |
| Tuna .....                                    | 234              | 216              | 250              | 289              | 336              | 258              | 314              | 399              |
| Oysters .....                                 | 31               | 29               | 25               | 26               | 27               | 26               | 24               | 24               |
| Pickled or salted .....                       | 47               | 47               | 47               | 57               | 59               | 60               | 61               | 68               |
| Cod, haddock, hake, pollock, cusk .....       | 10               | 9                | 8                | 13               | 15               | 19               | 16               | 18               |
| Nonedible scrap and metal ...                 | 25               | 34               | 36               | 34               | 17               | 18               | 27               | 39               |
| <b>Exports</b>                                |                  |                  |                  |                  |                  |                  |                  |                  |
| Canned salmon .....                           | 175              | 154              | 135              | 143              | 198              | 146              | 168              | 141              |
| Fish oil, nonedible .....                     | 44               | 36               | 54               | 60               | 36               | 24               | 42               | 49               |

<sup>1</sup> Includes Puerto Rico. <sup>2</sup> Excludes fillets. <sup>3</sup> Includes cod, cusk, haddock, hake, pollock, ocean perch, and whiting. U.S. Dept. of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713-2328.

**Table 15-18.—Fishery products: Imports and exports, 1993–2002 <sup>1</sup>**

| Year       | Imports <sup>2</sup> |                 |                 |                   | Exports         |                 |                 |                   |
|------------|----------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-------------------|
|            | Total value          | Edible products |                 | Non-edible, value | Total value     | Edible products |                 | Non-edible, value |
|            |                      | Quantity        | Value           |                   |                 | Quantity        | Value           |                   |
|            | <i>Mil. lb.</i>      | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i>   | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i>   |
| 1993 ..... | 10,622               | 2,917           | 5,849           | 4,774             | 6,925           | 1,986           | 3,077           | 3,848             |
| 1994 ..... | 11,987               | 3,035           | 6,645           | 5,342             | 7,381           | 1,979           | 3,126           | 4,255             |
| 1995 ..... | 12,452               | 3,066           | 6,792           | 5,660             | 8,268           | 2,047           | 3,262           | 5,006             |
| 1996 ..... | 13,060               | 3,170           | 6,730           | 6,331             | 8,653           | 2,112           | 3,032           | 5,621             |
| 1997 ..... | 14,528               | 3,339           | 7,754           | 6,774             | 9,354           | 2,019           | 2,713           | 6,640             |
| 1998 ..... | 15,633               | 3,647           | 8,173           | 7,459             | 8,697           | 1,664           | 2,260           | 6,437             |
| 1999 ..... | 17,040               | 3,888           | 9,014           | 8,026             | 10,007          | 1,961           | 2,849           | 7,158             |
| 2000 ..... | 19,013               | 3,978           | 10,054          | 8,959             | 10,782          | 2,165           | 2,952           | 7,830             |
| 2001 ..... | 18,547               | 4,102           | 9,864           | 8,683             | 11,834          | 2,565           | 3,195           | 8,639             |
| 2002 ..... | 19,691               | 4,427           | 10,121          | 9,570             | 11,713          | 2,398           | 3,120           | 8,593             |

<sup>1</sup> Includes Puerto Rico. <sup>2</sup> Includes landings of tuna by foreign vessels in American Samoa.  
 U.S. Department of Commerce, NMFS, Fisheries Statistics and Economics Division (301) 713-2328.

**Table 15-19.—Fish trips: Estimated number of fishing trips taken by marine recreational fishermen by subregion and year, Atlantic and Gulf and Pacific Coasts, 1999–2002**

| Subregion                         | 1999             | 2000             | 2001             | 2002             |
|-----------------------------------|------------------|------------------|------------------|------------------|
|                                   | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> |
| Atlantic and Gulf: <sup>1</sup>   |                  |                  |                  |                  |
| North Atlantic .....              | 6,478            | 8,765            | 9,035            | 8,591            |
| Mid-Atlantic .....                | 14,105           | 19,451           | 21,206           | 16,645           |
| South Atlantic <sup>2</sup> ..... | 14,435           | 20,075           | 21,596           | 17,763           |
| Gulf <sup>2</sup> .....           | 15,894           | 21,018           | 22,890           | 19,666           |
| Total .....                       | 50,912           | 69,309           | 74,727           | 62,665           |
| Pacific: <sup>3</sup>             |                  |                  |                  |                  |
| Southern California .....         | 2,437            | 3,787            | 4,052            | 4,313            |
| Northern California .....         | 1,713            | 2,158            | 2,208            | 2,290            |
| Oregon .....                      | 554              | 930              | 1,170            | 993              |
| Washington .....                  | 1,256            | 1,643            | 2,191            | 1,786            |
| Total .....                       | 5,960            | 8,518            | 9,621            | 9,382            |

<sup>1</sup> Data do not include recreational catch in Texas. <sup>2</sup> Does not include catch from headboats (party boats) in the South Atlantic and Gulf of Mexico. <sup>3</sup> Data do not include recreational catch in Hawaii or Alaska. Pacific state estimates do not include salmon data collected by recreational surveys.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713-2328.

**Table 15-20.—Fish harvested: Estimated number of fish harvested by marine recreational anglers by subregion and year, Atlantic, Gulf Coasts, and Pacific Coasts, 1999–2002**

| Subregion                         | 1999             | 2000             | 2001             | 2002             |
|-----------------------------------|------------------|------------------|------------------|------------------|
|                                   | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> |
| Atlantic and Gulf: <sup>1</sup>   |                  |                  |                  |                  |
| North Atlantic .....              | 8,841            | 17,185           | 12,153           | 11,132           |
| Mid-Atlantic .....                | 24,756           | 50,652           | 34,704           | 30,802           |
| South Atlantic <sup>2</sup> ..... | 33,914           | 40,414           | 43,824           | 42,928           |
| Gulf <sup>2</sup> .....           | 55,525           | 67,365           | 76,571           | 79,015           |
| Total .....                       | 123,036          | 175,616          | 167,252          | 163,877          |
| Pacific: <sup>3</sup>             |                  |                  |                  |                  |
| Southern California .....         | 5,098            | 7,494            | 7,726            | 8,950            |
| Northern California .....         | 3,909            | 3,787            | 4,799            | 6,884            |
| Oregon .....                      | 1,153            | 1,848            | 2,123            | 3,392            |
| Washington .....                  | 2,486            | 3,238            | 4,798            | 4,841            |
| Total .....                       | 12,646           | 16,367           | 19,446           | 24,067           |

<sup>1</sup> Data do not include recreational catch in Texas. <sup>2</sup> Does not include catch for headboats (party boats) in the South Atlantic and Gulf of Mexico. <sup>3</sup> Data do not include recreational catch in Hawaii or Alaska. Pacific estimates do not include salmon data collected by State recreational surveys. Note: "Harvested" includes dead discards and fish used for bait but does not include fish released alive.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713-2328.

**Table 15-21.—Fish harvested: Estimated number of fish harvested by marine recreational anglers by mode and year, Atlantic, Gulf Coasts, and Pacific Coasts, 1999–2002**

| Mode                             | 1999             | 2000             | 2001             | 2002             |
|----------------------------------|------------------|------------------|------------------|------------------|
|                                  | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> |
| Atlantic and Gulf: <sup>1</sup>  |                  |                  |                  |                  |
| Shore .....                      | 33,908           | 60,706           | 53,092           | 44,702           |
| Party/charter <sup>2</sup> ..... | 10,920           | 12,434           | 11,628           | 10,575           |
| Private/rental .....             | 78,208           | 102,475          | 102,532          | 108,600          |
| Total .....                      | 123,036          | 175,615          | 167,252          | 163,877          |
| Pacific: <sup>3</sup>            |                  |                  |                  |                  |
| Shore .....                      | 3,803            | 4,785            | 8,040            | 7,807            |
| Party/charter .....              | 4,484            | 6,408            | 5,176            | 8,973            |
| Private/rental .....             | 4,358            | 5,172            | 6,230            | 7,287            |
| Total .....                      | 12,645           | 16,365           | 19,446           | 24,067           |

<sup>1</sup> Data do not include recreational catch in Texas. <sup>2</sup> Does not include catch for headboats (party boats) in the South Atlantic or Gulf of Mexico. <sup>3</sup> Data do not include recreational catch in Hawaii or Alaska. Pacific estimates do not include salmon data collected by State recreational surveys. Note: "Harvested" includes dead discards and fish used for bait but does not include fish released alive.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713-2328.



**Table 15-22.—Fish harvested: Estimated number of fish harvested by marine recreational anglers by species group and year, Atlantic and Gulf coasts, 1999–2002 <sup>1</sup>**

| Species group                      | 1999             | 2000             | 2001             | 2002             |
|------------------------------------|------------------|------------------|------------------|------------------|
|                                    | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> |
| Barracudas .....                   | 139              | 135              | 163              | 122              |
| Bluefish .....                     | 3,856            | 5,048            | 7,016            | 5,495            |
| Dogfish sharks .....               | 37               | 50               | 49               | 109              |
| Other sharks .....                 | 185              | 316              | 343              | 208              |
| Skates/rays .....                  | 70               | 118              | 57               | 67               |
| Freshwater catfishes .....         | 249              | 239              | 118              | 160              |
| Saltwater catfishes .....          | 460              | 683              | 629              | 533              |
| Atlantic cod .....                 | 375              | 812              | 1,118            | 644              |
| Other cods/hakes .....             | 66               | 151              | 168              | 121              |
| Pollock .....                      | 218              | 437              | 356              | 239              |
| Red hake .....                     | 118              | 101              | 58               | 25               |
| Dolphins .....                     | 2,064            | 2,455            | 2,088            | 1,727            |
| Other croaker .....                | 0                | 0                | 0                | 0                |
| Atlantic croaker .....             | 10,090           | 12,494           | 14,681           | 12,389           |
| Black drum .....                   | 723              | 1,320            | 990              | 941              |
| Kingfishes .....                   | 4,118            | 5,474            | 7,456            | 4,121            |
| Other drum .....                   | 765              | 448              | 278              | 661              |
| Red drum .....                     | 2,448            | 3,672            | 3,475            | 2,827            |
| Sand seatrout .....                | 4,998            | 4,508            | 3,308            | 3,074            |
| Silver perch .....                 | 373              | 654              | 404              | 216              |
| Spot .....                         | 3,734            | 5,010            | 7,308            | 5,336            |
| Spotted seatrout .....             | 10,603           | 12,946           | 10,200           | 8,143            |
| Weakfish .....                     | 1,652            | 2,089            | 1,527            | 1,172            |
| Eels .....                         | 14               | 56               | 54               | 10               |
| Gulf flounder .....                | 162              | 169              | 212              | 173              |
| Other flounders .....              | 99               | 87               | 88               | 53               |
| Southern flounder .....            | 958              | 1,023            | 1,128            | 903              |
| Summer flounder .....              | 4,123            | 7,820            | 5,307            | 3,281            |
| Winter flounder .....              | 724              | 1,459            | 964              | 469              |
| Other grunts .....                 | 577              | 608              | 463              | 541              |
| Pigfish .....                      | 933              | 1,128            | 1,552            | 1,323            |
| White grunt .....                  | 1,749            | 2,112            | 2,772            | 2,560            |
| Herrings .....                     | 22,613           | 29,327           | 33,473           | 47,399           |
| Blue runner .....                  | 860              | 2,057            | 3,160            | 2,339            |
| Crevalle Jack .....                | 612              | 601              | 812              | 684              |
| Florida pompano .....              | 407              | 650              | 614              | 528              |
| Greater amberjack .....            | 140              | 92               | 135              | 157              |
| Other jacks .....                  | 1,313            | 1,826            | 2,965            | 3,166            |
| Mulletts .....                     | 5,710            | 7,074            | 7,435            | 9,764            |
| Other fishes .....                 | 5,971            | 20,176           | 4,769            | 4,088            |
| Other porgies .....                | 170              | 326              | 228              | 201              |
| Pinfishes .....                    | 5,112            | 6,892            | 9,469            | 8,868            |
| Red porgy .....                    | 81               | 59               | 75               | 72               |
| Scup .....                         | 3,251            | 7,244            | 5,099            | 3,647            |
| Sheepshead .....                   | 1,905            | 2,113            | 2,267            | 1,972            |
| Puffers .....                      | 175              | 219              | 346              | 354              |
| Sculpins .....                     | 1                | <1               | <1               | 9                |
| Black sea bass .....               | 2,000            | 4,546            | 3,932            | 4,223            |
| Epinephelus groupers .....         | 213              | 355              | 248              | 292              |
| Mycteroperca groupers .....        | 652              | 765              | 540              | 577              |
| Other sea basses .....             | 274              | 276              | 337              | 352              |
| Searobins .....                    | 122              | 170              | 143              | 200              |
| Gray snapper .....                 | 1,038            | 1,265            | 1,199            | 1,156            |
| Lane snapper .....                 | 195              | 212              | 392              | 204              |
| Other snappers .....               | 78               | 95               | 79               | 131              |
| Red snapper .....                  | 1,266            | 841              | 900              | 1,159            |
| Vermilion snapper .....            | 540              | 374              | 613              | 443              |
| Yellowtail snapper .....           | 268              | 245              | 189              | 271              |
| Other temperate basses .....       | 0                | 0                | 1                | 1                |
| Striped bass .....                 | 1,368            | 1,993            | 2,039            | 1,841            |
| White perch .....                  | 1,113            | 1,758            | 664              | 1,382            |
| Toadfishes .....                   | 9                | 4                | 7                | 19               |
| Triggerfishes/filefishes .....     | 390              | 263              | 308              | 443              |
| Atlantic mackerel .....            | 3,236            | 4,194            | 4,127            | 3,663            |
| King mackerel .....                | 812              | 930              | 691              | 690              |
| Little tunny/Atlantic bonito ..... | 382              | 348              | 260              | 268              |
| Other tunas/mackerels .....        | 656              | 655              | 737              | 699              |
| Spanish mackerel .....             | 2,540            | 3,075            | 3,747            | 3,334            |
| Cunner .....                       | 103              | 77               | 56               | 64               |
| Other wrasses .....                | 92               | 46               | 79               | 73               |
| Tautog .....                       | 688              | 853              | 792              | 1,501            |
| <b>Total <sup>3</sup> .....</b>    | <b>123,036</b>   | <b>175,616</b>   | <b>167,252</b>   | <b>163,877</b>   |

<sup>1</sup> Data does not include recreational catch in Texas or headboats (party boats) in the South Atlantic and the Gulf of Mexico. <sup>2</sup> Less than one thousand. <sup>3</sup> Totals may not add due to rounding. Note: "Harvested" includes dead discards and fish used for bait but does not include fish released alive.

**Table 15-23.—Fish harvested: Estimated number of fish harvested by marine recreational anglers by species group and year, Pacific coast<sup>1</sup>, 1999–2002**

| Species group                  | 1999             | 2000             | 2001             | 2002             |
|--------------------------------|------------------|------------------|------------------|------------------|
|                                | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> |
| Northern anchovy .....         | 104              | 419              | 579              | 176              |
| Other anchovies .....          | 0                | 8                | 0                | 5                |
| California scorpionfish .....  | 280              | 230              | 293              | 251              |
| Dogfish sharks .....           | 23               | 25               | 20               | 12               |
| Other sharks .....             | 24               | 21               | 36               | 26               |
| Skates/rays .....              | 11               | 19               | 29               | 20               |
| Other cods/hakes .....         | 0                | 0                | 0                | 0                |
| Pacific cod .....              | 0                | 0                | 1                | 1                |
| Pacific hake .....             | 3                | 0                | 0                | 2                |
| Pacific tomcod .....           | 1                | 6                | 2                | 4                |
| California corbina .....       | 17               | 7                | 14               | 20               |
| Other croakers .....           | 93               | 94               | 172              | 152              |
| Queenfish .....                | 122              | 121              | 76               | 579              |
| White croaker .....            | 301              | 372              | 389              | 388              |
| Dolphins .....                 | 1                | 84               | 0                | 0                |
| Other drum .....               | 13               | 3                | 4                | 22               |
| California halibut .....       | 124              | 168              | 202              | 251              |
| Other flounders .....          | 69               | 171              | 80               | 253              |
| Rock sole .....                | 5                | 19               | 12               | 41               |
| Sanddabs .....                 | 225              | 840              | 451              | 3,316            |
| Starry flounder .....          | 11               | 8                | 14               | 14               |
| Kelp greenling .....           | 89               | 153              | 153              | 182              |
| Lingcod .....                  | 172              | 139              | 113              | 270              |
| Other greenlings .....         | 8                | 31               | 28               | 22               |
| Herrings .....                 | 666              | 245              | 799              | 2,216            |
| Other jacks .....              | 46               | 8                | 21               | 58               |
| Yellowtail .....               | 56               | 164              | 87               | 54               |
| Mullets .....                  | 0                | 16               | 5                | 1                |
| Other fishes .....             | 788              | 1,433            | 2,305            | 1,523            |
| Pacific barracuda .....        | 423              | 354              | 311              | 440              |
| Black rockfish .....           | 956              | 1,423            | 1,119            | 1,117            |
| Blue rockfish .....            | 673              | 415              | 464              | 772              |
| Bocaccio .....                 | 92               | 203              | 199              | 121              |
| Brown rockfish .....           | 121              | 107              | 185              | 151              |
| Canary rockfish .....          | 163              | 147              | 78               | 47               |
| Chillipepper rockfish .....    | 44               | 73               | 77               | 45               |
| Copper rockfish .....          | 136              | 106              | 78               | 75               |
| Greenspotted rockfish .....    | 133              | 123              | 83               | 35               |
| Olive rockfish .....           | 68               | 68               | 159              | 151              |
| Other rockfishes .....         | 1,914            | 1,450            | 994              | 1,157            |
| Quillback rockfish .....       | 42               | 34               | 26               | 26               |
| Gopher rockfish .....          | 154              | 166              | 272              | 352              |
| Widow rockfish .....           | 44               | 82               | 19               | 21               |
| Yellowtail rockfish .....      | 403              | 319              | 162              | 201              |
| Sablefishes .....              | 0                | 1                | 1                | 14               |
| Cabezon .....                  | 60               | 57               | 69               | 62               |
| Sculpins .....                 | 41               | 23               | 49               | 50               |
| Barred sand bass .....         | 456              | 1,260            | 1,119            | 1,776            |
| Kelp bass .....                | 236              | 648              | 633              | 569              |
| Other sea basses .....         | 8                | 11               | 24               | 7                |
| Spotted sand bass .....        | 30               | 287              | 361              | 52               |
| Halfmoon .....                 | 41               | 76               | 132              | 165              |
| Opaleye .....                  | 39               | 49               | 59               | 48               |
| Jacksmelt .....                | 272              | 283              | 614              | 333              |
| Other silversides .....        | 44               | 30               | 46               | 113              |
| Other smelts .....             | 4                | 0                | 0                | 0                |
| Surf smelt .....               | 1,217            | 1,965            | 3,661            | 4,174            |
| Sturgeons .....                | 19               | 21               | 17               | 15               |
| Barred surfperch .....         | 210              | 105              | 147              | 166              |
| Black perch .....              | 38               | 54               | 54               | 50               |
| Other surfperches .....        | 65               | 93               | 108              | 122              |
| Pile perch .....               | 18               | 19               | 32               | 43               |
| Redtail surfperch .....        | 60               | 126              | 123              | 53               |
| Shiner perch .....             | 91               | 292              | 183              | 226              |
| Silver surfperch .....         | 86               | 15               | 16               | 21               |
| Striped seaperch .....         | 44               | 47               | 96               | 101              |
| Walleye surfperch .....        | 68               | 51               | 163              | 93               |
| White seaperch .....           | 21               | 8                | 32               | 26               |
| Striped bass .....             | 83               | 97               | 44               | 61               |
| Other tunas/mackerels .....    | 703              | 880              | 1,755            | 1,064            |
| Pacific bonito .....           | 2                | 85               | 31               | 6                |
| California sheephead .....     | 63               | 113              | 75               | 74               |
| Other wrasses .....            | 5                | 4                | 5                | 13               |
| <b>Total<sup>2</sup> .....</b> | <b>12,644</b>    | <b>16,366</b>    | <b>19,446</b>    | <b>24,067</b>    |

<sup>1</sup>Data do not include recreational catch in Hawaii or Alaska. Pacific estimates do not include salmon data collected by State recreational surveys. <sup>2</sup>Totals may not add due to rounding. Note: "Harvested" includes dead discards and fish used for bait but does not include fish released alive.

**Table 15-24.—Fish harvested: Estimated number of fish harvested by marine recreational anglers, by area of fishing and year, Atlantic and Gulf and Pacific Coast, 1999–2002**

| Area   | 1999             | 2000             | 2001             | 2002             |
|--|------------------|------------------|------------------|------------------|
|  | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> |
| Atlantic and Gulf: <sup>1</sup>                    |                  |                  |                  |                  |
| Inland .....                                       | 71,918           | 112,431          | 96,875           | 97,493           |
| State Territorial Sea <sup>2</sup> .....           | 33,318           | 42,821           | 49,450           | 45,894           |
| Federal Exclusive Economic Zone <sup>3</sup> ..... | 17,800           | 20,364           | 20,928           | 20,490           |
| Total .....  | 123,036          | 175,616          | 167,253          | 163,877          |
|  |                  |                  |                  |                  |
|  | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> |
| Pacific: <sup>4</sup>                              |                  |                  |                  |                  |
| Inland .....                                       | 3,804            | 4,758            | 7,528            | 7,998            |
| State Territorial Sea <sup>2</sup> .....           | 6,257            | 7,430            | 9,182            | 11,551           |
| Federal Exclusive Economic Zone <sup>3</sup> ..... | 2,585            | 4,178            | 2,736            | 4,518            |
| Total .....  | 12,646           | 16,366           | 19,446           | 24,067           |

<sup>1</sup> Data do not include recreational catch in Texas or headboats (party boats) in the South Atlantic and the Gulf of Mexico. <sup>2</sup> Open Ocean extending 0 to 3 miles from shore, except West Florida (10 miles). <sup>3</sup> Open ocean extending to 200 miles offshore from the outer edge of the State Territorial Sea. <sup>4</sup> Data do not include recreational catch in Hawaii or Alaska. Pacific state estimates do not include salmon data collected by recreational surveys. Note: "Harvested" includes dead discards and fish used for bait but does not include fish released alive.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division. (301) 713-2328.

**Table 15-25.—Farm-raised catfish: Processed, sales, inventory, and imports, 1994–2003**

| Year       | Round <sup>1</sup> weight processed | Prices paid to producer | Fresh sales         | Frozen sales        | Total sales         | Inventory end of year | Imports <sup>2</sup> |
|------------|-------------------------------------|-------------------------|---------------------|---------------------|---------------------|-----------------------|----------------------|
|            | <i>(000) pounds</i>                 | <i>Cents per pounds</i> | <i>(000) pounds</i> | <i>(000) pounds</i> | <i>(000) pounds</i> | <i>(000) pounds</i>   | <i>(000) pounds</i>  |
| 1994 ..... | 439,269                             | 78.4                    | 87,211              | 129,266             | 216,477             | 11,623                | 3,486                |
| 1995 ..... | 446,886                             | 78.6                    | 89,735              | 137,237             | 226,972             | 10,909                | 2,426                |
| 1996 ..... | 472,123                             | 77.3                    | 96,722              | 140,458             | 237,180             | 11,894                | 2,482                |
| 1997 ..... | 524,949                             | 71.2                    | 106,512             | 155,248             | 261,760             | 11,911                | 942                  |
| 1998 ..... | 564,355                             | 74.3                    | 113,092             | 168,306             | 281,398             | 10,807                | 1,386                |
| 1999 ..... | 596,628                             | 73.7                    | 116,697             | 175,968             | 292,665             | 12,551                | 3,451                |
| 2000 ..... | 593,603                             | 75.1                    | 116,734             | 180,422             | 297,156             | 13,598                | 8,236                |
| 2001 ..... | 597,108                             | 64.7                    | 120,775             | 175,592             | 296,367             | 14,997                | 18,079               |
| 2002 ..... | 603,601                             | 56.8                    | 123,451             | 194,198             | 317,649             | 12,283                | 10,201               |
| 2003 ..... | 661,504                             | 58.1                    | 126,841             | 192,486             | 319,327             | 13,592                | 5,430                |

<sup>1</sup> Price for fish delivered to processing plant door. <sup>2</sup> Data furnished by U.S. Bureau of Census. NASS, Livestock Branch, (202) 720-6146.

**Table 15-26.—Farm-raised catfish: Prices received by processors, 1994–2003**

| Year       | Fresh                   |                       |                       | Frozen                  |                       |                       |
|------------|-------------------------|-----------------------|-----------------------|-------------------------|-----------------------|-----------------------|
|            | Whole fish <sup>1</sup> | Filletts <sup>2</sup> | Other <sup>3</sup>    | Whole fish <sup>1</sup> | Filletts <sup>2</sup> | Other <sup>3</sup>    |
|            | <i>Dollars per/lb</i>   | <i>Dollars per/lb</i> | <i>Dollars per/lb</i> | <i>Dollars per/lb</i>   | <i>Dollars per/lb</i> | <i>Dollars per/lb</i> |
| 1994 ..... | 1.70                    | 2.88                  | 1.92                  | 1.98                    | 2.86                  | 1.97                  |
| 1995 ..... | 1.68                    | 2.90                  | 1.88                  | 2.00                    | 2.85                  | 2.01                  |
| 1996 ..... | 1.68                    | 2.87                  | 1.80                  | 1.99                    | 2.78                  | 1.88                  |
| 1997 ..... | 1.55                    | 2.75                  | 1.67                  | 1.93                    | 2.63                  | 1.76                  |
| 1998 ..... | 1.59                    | 2.80                  | 1.72                  | 1.94                    | 2.69                  | 1.73                  |
| 1999 ..... | 1.59                    | 2.81                  | 1.64                  | 1.99                    | 2.76                  | 1.69                  |
| 2000 ..... | 1.66                    | 2.86                  | 1.68                  | 2.03                    | 2.83                  | 1.65                  |
| 2001 ..... | 1.57                    | 2.74                  | 1.60                  | 1.98                    | 2.61                  | 1.63                  |
| 2002 ..... | 1.32                    | 2.52                  | 1.51                  | 1.84                    | 2.39                  | 1.54                  |
| 2003 ..... | 1.35                    | 2.48                  | 1.52                  | 1.84                    | 2.41                  | 1.44                  |

<sup>1</sup> Dressed weight, (head, viscera, and skin removed). <sup>2</sup> Includes regular, shank, and strip filletts; excludes any breaded product. <sup>3</sup> Includes nuggets, steaks, and all other products not already reported, includes weight of breading and added ingredients.

NASS, Livestock Branch, (202) 720-6146.

**Table 15-27.—Catfish: Number of operations and water surface acres used for production, 2003–04, and total sales, 2002–03 by State and United States**

| State    | Number of operations on Jan. 1 |               | Water surface acres used for production during Jan 1 - Jun 30 |              | Total sales          |                      |
|----------|--------------------------------|---------------|---|--------------|----------------------|----------------------|
|          | 2003 <sup>1</sup>              | 2004          | 2003 <sup>1</sup>   | 2004         | 2002 <sup>1</sup>    | 2003                 |
|          | <i>Number</i>                  | <i>Number</i> | <i>Acres</i>  | <i>Acres</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL ..... | 231                            | 200           | 25,500  | 25,400       | 76,045               | 85,159               |
| AR ..... | 155                            | 161           | 34,000  | 34,000       | 56,380               | 59,047               |
| CA ..... | 38                             | 30            | 2,400   | 1,800        | 7,875                | 7,228                |
| FL ..... | 34                             | 35            | 660   | 710          | 756                  | 1,208                |
| GA ..... | 43                             | 30            | 960   | 750          | 1,411                | 1,372                |
| IL ..... | 12                             | 18            | 130   | 320          | 226                  | 306                  |
| KY ..... | 60                             | 70            | 570   | 600          | 1,180                | 1,381                |
| LA ..... | 57                             | 48            | 9,900   | 8,800        | 15,812               | 14,505               |
| MS ..... | 405                            | 410           | 109,000   | 101,000      | 243,226              | 243,176              |
| MO ..... | 31                             | 21            | 1,400   | 1,370        | 1,070                | 1,954                |
| NC ..... | 46                             | 49            | 1,700   | 2,100        | 3,143                | 6,118                |
| SC ..... | 13                             | 9             | 130   | 90           | 617                  | 121                  |
| TX ..... | 36                             | 36            | 850   | 850          | 3,672                | 3,350                |
| US ..... | 1,161                          | 1,117         | 187,200   | 177,790      | 411,413              | 424,925              |

<sup>1</sup> Revised.

NASS, Livestock Branch, (202) 720-0585.

**Table 15-28.—Catfish production: Water surface acre usage by State and United States, 2003–04**

| State             | Acres intended for utilization during Jan 1-Jun 30 for: |             |           |                                   |                  | Acres taken out of production during Jul 1-Dec 31 prev. year |
|-------------------|---|-------------|-----------|-----------------------------------|------------------|--|
|                   | Foodsize  | Fingerlings | Broodfish | Currently under or scheduled for: |                  |  |
|                   |   |             |           | Renovation                        | New construction |  |
| 2003 <sup>1</sup> |   |             |           |                                   |                  |  |
| AL .....          | 22,900  | 1,500       | 630       | 460                               | 180              | 830  |
| AR .....          | 28,500  | 4,200       | 650       | 800                               | *                | 1,000  |
| CA .....          | 1,810   | 360         | 90        | 110                               | 90               | 100  |
| FL .....          | 590   | 45          | 15        | *                                 | *                | *  |
| GA .....          | 700   | 115         | 60        | 15                                | .....            | 65   |
| IL .....          | 65  | 45          | 10        | *                                 | *                | *  |
| KY .....          | 460   | 95          | 15        | *                                 | *                | 25   |
| LA .....          | 8,600   | 1,050       | 170       | 530                               | 35               | 1,350  |
| MS .....          | 86,000  | 16,800      | 3,000     | 3,300                             | 650              | 4,400  |
| MO .....          | 690   | 590         | 55        | 90                                | 65               | 55   |
| NC .....          | 1,480   | 140         | 60        | 30                                | 40               | 30   |
| SC .....          | 70  | 25          | 20        | *                                 | *                | *  |
| TX .....          | 570   | 105         | 55        | 50                                | 5                | 10   |
| Oth Sts .....     | .....   | .....       | .....     | 58                                | 130              | 85   |
| US .....          | 152,435   | 25,070      | 4,830     | 5,443                             | 1,225            | 7,950  |
| 2004              |   |             |           |                                   |                  |  |
| AL .....          | 23,900  | 960         | 420       | 340                               | 65               | 590  |
| AR .....          | 29,000  | 4,200       | 550       | 600                               | *                | 1,300  |
| CA .....          | 1,400   | 270         | 75        | 200                               | *                | *  |
| FL .....          | 630   | 35          | 40        | .....                             | .....            | .....  |
| GA .....          | 480   | 100         | 55        | *                                 | *                | 20   |
| IL .....          | 230   | 45          | 40        | *                                 | .....            | *  |
| KY .....          | 510   | 45          | 25        | 20                                | .....            | 15   |
| LA .....          | 7,800   | 730         | 120       | 450                               | *                | 460  |
| MS .....          | 81,000  | 16,000      | 2,200     | 2,200                             | 200              | 2,100  |
| MO .....          | 880   | *           | 35        | 110                               | *                | *  |
| NC .....          | 1,850   | 150         | 60        | *                                 | 80               | 30   |
| SC .....          | 60  | *           | 15        | *                                 | .....            | *  |
| TX .....          | 570   | 110         | 60        | 170                               | 30               | 70   |
| Oth Sts .....     | .....   | 420         | .....     | 55                                | 160              | 20   |
| US .....          | 148,310   | 23,065      | 3,695     | 4,145                             | 535              | 4,605  |

<sup>1</sup> Revised. \* Included in other States to avoid disclosure of individual operations.

NASS, Livestock Branch, (202) 720-0585.

**Table 15-29.—Catfish: Sales by size category, by State and United States, 2002–03**

| Size category and State | Number of fish    |         | Live weight       |              | Sales             |               |                   |         |
|-------------------------|-------------------|---------|-------------------|--------------|-------------------|---------------|-------------------|---------|
|                         | 2002 <sup>1</sup> | 2003    | 2002 <sup>1</sup> | 2003         | Total             |               | Average per pound |         |
|                         |                   |         |                   |              | 2002 <sup>1</sup> | 2003          | 2002 <sup>1</sup> | 2003    |
|                         | 1,000             | 1,000   | 1,000 pounds      | 1,000 pounds | 1,000 dollars     | 1,000 dollars | Dollars           | Dollars |
| <b>Foodsize:</b>        |                   |         |                   |              |                   |               |                   |         |
| AL .....                | 75,000            | 80,000  | 142,000           | 158,000      | 73,840            | 82,160        | 0.52              | 0.52    |
| AR .....                | 59,400            | 59,400  | 97,000            | 99,700       | 53,350            | 55,832        | 0.55              | 0.56    |
| CA .....                | 1,860             | 1,610   | 3,900             | 3,450        | 7,644             | 7,072         | 1.96              | 2.05    |
| FL .....                | 900               | 1,000   | 1,300             | 1,700        | 637               | 1,173         | 0.49              | 0.69    |
| GA .....                | 1,240             | 1,150   | 1,670             | 1,350        | 1,202             | 1,040         | 0.72              | 0.77    |
| IL .....                | 180               | 205     | 200               | 245          | 178               | 206           | 0.89              | 0.84    |
| KY .....                | 730               | 800     | 1,470             | 1,590        | 1,088             | 1,288         | 0.74              | 0.81    |
| LA .....                | 18,200            | 19,700  | 26,600            | 26,100       | 15,428            | 14,094        | 0.58              | 0.54    |
| MS .....                | 244,000           | 210,000 | 392,000           | 393,000      | 219,520           | 224,010       | 0.56              | 0.57    |
| MO .....                | 350               | 905     | 765               | 1,700        | 635               | 1,462         | 0.83              | 0.86    |
| NC .....                | 2,900             | 5,100   | 4,900             | 9,400        | 2,891             | 5,734         | 0.59              | 0.61    |
| SC .....                | 485               | 22      | 988               | 45           | 613               | 32            | 0.62              | 0.72    |
| TX .....                | 1,750             | 1,770   | 3,020             | 3,030        | 3,020             | 2,969         | 1.00              | 0.98    |
| US .....                | 406,995           | 381,662 | 675,813           | 699,310      | 380,046           | 397,072       | 0.56              | 0.57    |
| <b>Broodfish:</b>       |                   |         |                   |              |                   |               |                   |         |
| AL .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| AR .....                | 215               | *       | 600               | *            | 390               | *             | 0.65              | *       |
| CA .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| FL .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| GA .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| IL .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| KY .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| LA .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| MS .....                | 300               | 100     | 1,420             | 400          | 951               | 208           | 0.67              | 0.52    |
| MO .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| NC .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| SC .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| TX .....                | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| Oth Sts .....           | 14                | 58      | 66                | 231          | 94                | 215           | 1.42              | 0.93    |
| US .....                | 529               | 158     | 2,086             | 631          | 1,435             | 423           | 0.69              | 0.67    |

See footnotes at end of table.

**Table 15-29.—Catfish: Sales by size category, by State and United States, 2002–03—  
Continued**

| Size category and State     | Number of fish    |         | Live weight       |              | Sales             |               |                   |         |
|-----------------------------|-------------------|---------|-------------------|--------------|-------------------|---------------|-------------------|---------|
|                             | 2002 <sup>1</sup> | 2003    | 2002 <sup>1</sup> | 2003         | Total             |               | Average per pound |         |
|                             |                   |         |                   |              | 2002 <sup>1</sup> | 2003          | 2002 <sup>1</sup> | 2003    |
|                             | 1,000             | 1,000   | 1,000 pounds      | 1,000 pounds | 1,000 dollars     | 1,000 dollars | Dollars           | Dollars |
| <b>Stockers:</b>            |                   |         |                   |              |                   |               |                   |         |
| AL .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| AR .....                    | 12,000            | 12,200  | 1,500             | 2,000        | 1,200             | 1,500         | 0.80              | 0.75    |
| CA .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| FL .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| GA .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| IL .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| KY .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| LA .....                    | *                 | 3,720   | *                 | 450          | *                 | 311           | *                 | 0.69    |
| MS .....                    | 78,600            | 40,000  | 9,680             | 3,550        | 9,196             | 3,337         | 0.95              | 0.94    |
| MO .....                    | *                 | 1,620   | *                 | 240          | *                 | 278           | *                 | 1.16    |
| NC .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| SC .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| TX .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| Oth Sts .....               | 6,494             | 12,181  | 1,918             | 1,214        | 2,197             | 779           | 1.15              | 0.64    |
| US .....                    | 97,094            | 69,721  | 13,098            | 7,454        | 12,593            | 6,205         | 0.96              | 0.83    |
| <b>Fingerlings and fry:</b> |                   |         |                   |              |                   |               |                   |         |
| AL .....                    | 18,200            | 83,700  | 370               | 3,400        | 670               | 2,482         | 1.81              | 0.73    |
| AR .....                    | 64,000            | 60,400  | 900               | 1,050        | 1,440             | 1,680         | 1.60              | 1.60    |
| CA .....                    | 1,950             | 1,280   | 43                | 24           | 155               | 100           | 3.60              | 4.15    |
| FL .....                    | 1,750             | 500     | 73                | 24           | 110               | 35            | 1.50              | 1.45    |
| GA .....                    | 3,340             | 3,200   | 95                | 65           | 209               | 325           | 2.20              | 5.00    |
| IL .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| KY .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| LA .....                    | *                 | 4,380   | *                 | 83           | *                 | 100           | *                 | 1.20    |
| MS .....                    | 417,600           | 552,000 | 10,350            | 12,300       | 13,559            | 15,621        | 1.31              | 1.27    |
| MO .....                    | 2,790             | *       | 46                | *            | 138               | *             | 3.00              | *       |
| NC .....                    | 2,400             | 3,400   | 135               | 190          | 212               | 342           | 1.57              | 1.80    |
| SC .....                    | *                 | *       | *                 | *            | *                 | *             | *                 | *       |
| TX .....                    | 2,500             | 2,600   | 105               | 100          | 515               | 334           | 4.90              | 3.34    |
| Oth Sts .....               | 3,502             | 3,430   | 111               | 67           | 331               | 206           | 2.98              | 3.07    |
| US .....                    | 518,032           | 714,890 | 12,228            | 17,303       | 17,339            | 21,225        | 1.42              | 1.23    |

<sup>1</sup> Revised. \* Included in other States to avoid disclosure of individual operations.  
NASS, Livestock Branch, (202) 720-0585.

**Table 15-30—Trout: Number of operations by State and United States, 2002–03**

| State    | Total             |               | Selling trout     |               | Distributing trout <sup>1</sup> |               |
|----------|-------------------|---------------|-------------------|---------------|---------------------------------|---------------|
|          | 2002 <sup>2</sup> | 2003          | 2002 <sup>2</sup> | 2003          | 2002 <sup>2</sup>               | 2003          |
|          | <i>Number</i>     | <i>Number</i> | <i>Number</i>     | <i>Number</i> | <i>Number</i>                   | <i>Number</i> |
| AR ..... | 5                 | 4             | .....             | .....         | 5                               | 4             |
| CA ..... | 27                | 25            | 15                | 13            | 14                              | 16            |
| CO ..... | 34                | 26            | 15                | 9             | 19                              | 17            |
| CT ..... | 6                 | 6             | 3                 | 3             | 3                               | 3             |
| GA ..... | 9                 | 7             | 7                 | 5             | 2                               | 2             |
| ID ..... | 52                | 53            | 28                | 26            | 24                              | 27            |
| ME ..... | 14                | 14            | 7                 | 6             | 8                               | 8             |
| MA ..... | 11                | 11            | 7                 | 7             | 5                               | 5             |
| MI ..... | 22                | 18            | 20                | 17            | 5                               | 3             |
| MO ..... | 12                | 10            | 7                 | 6             | 5                               | 5             |
| NY ..... | 39                | 40            | 30                | 31            | 13                              | 13            |
| NC ..... | 54                | 46            | 50                | 43            | 5                               | 5             |
| OR ..... | 51                | 41            | 21                | 17            | 30                              | 24            |
| PA ..... | 61                | 57            | 51                | 46            | 16                              | 16            |
| TN ..... | 15                | 15            | 8                 | 7             | 8                               | 8             |
| UT ..... | 23                | 21            | 12                | 11            | 11                              | 10            |
| VA ..... | 22                | 19            | 18                | 15            | 5                               | 4             |
| WA ..... | 59                | 51            | 15                | 15            | 48                              | 37            |
| WV ..... | 25                | 25            | 17                | 15            | 11                              | 14            |
| WI ..... | 65                | 56            | 47                | 39            | 21                              | 21            |
| US ..... | 606               | 545           | 378               | 331           | 258                             | 242           |

<sup>1</sup> Trout distributed for restoration, conservation or recreational purposes. <sup>2</sup> Revised.  
 NASS, Livestock Branch, (202) 720-0585.

**Table 15-31.—Trout: Value of fish sold and distributed, by State (excluding eggs), and United States (including and excluding eggs), 2002–03**

| State                 | Total value of fish sold |                      | Total value of distributed fish |                      |
|-----------------------|--------------------------|----------------------|---------------------------------|----------------------|
|                       | 2002 <sup>1</sup>        | 2003                 | 2002 <sup>1</sup>               | 2003                 |
|                       | <i>1,000 dollars</i>     | <i>1,000 dollars</i> | <i>1,000 dollars</i>            | <i>1,000 dollars</i> |
| AR .....              | .....                    | .....                | *                               | *                    |
| CA .....              | 5,091                    | 5,185                | 8,405                           | 10,624               |
| CO .....              | 2,503                    | 2,125                | 5,477                           | 5,794                |
| CT .....              | 275                      | 337                  | *                               | *                    |
| GA .....              | 579                      | 581                  | *                               | *                    |
| ID .....              | 30,456                   | 29,407               | 3,949                           | 3,234                |
| ME .....              | 165                      | 220                  | *                               | *                    |
| MA .....              | 369                      | 389                  | *                               | *                    |
| MI .....              | 663                      | 346                  | *                               | *                    |
| MO .....              | 1,858                    | 1,990                | 1,837                           | 1,665                |
| NY .....              | 567                      | 797                  | *                               | *                    |
| NC .....              | 6,829                    | 5,670                | 883                             | 926                  |
| OR .....              | 801                      | 506                  | 4,861                           | 2,332                |
| PA .....              | 4,865                    | 4,678                | 5,881                           | 6,896                |
| TN .....              | 400                      | 198                  | *                               | *                    |
| UT .....              | 1,081                    | 1,033                | *                               | *                    |
| VA .....              | 1,259                    | 1,448                | 1,513                           | 1,593                |
| WA .....              | 5,385                    | 5,191                | 5,081                           | 4,142                |
| WV .....              | 583                      | 477                  | 1,256                           | 1,738                |
| WI .....              | 1,760                    | 1,677                | 2,011                           | 2,074                |
| Oth Sts .....         | .....                    | .....                | 17,402                          | 18,951               |
| US <sup>2</sup> ..... | 65,489                   | 62,255               | 58,556                          | 59,969               |
| US <sup>3</sup> ..... | 69,935                   | 66,431               | 60,332                          | 61,182               |

<sup>1</sup> Revised. <sup>2</sup> Excludes value of eggs. <sup>3</sup> Includes value of eggs. \*Included in other States to avoid disclosure of individual operations.  
 NASS, Livestock Branch, (202) 720-0585.

**Table 15-32.—Trout: Sales by size category, by State and United States, 2002–03**

| Size category and State   | Number of fish    |               | Live weight       |               | Sales             |               |                   |             |
|---------------------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|-------------|
|                           | 2002 <sup>1</sup> | 2003          | 2002 <sup>1</sup> | 2003          | Total             |               | Average per pound |             |
|                           |                   |               |                   |               | 2002 <sup>1</sup> | 2003          | 2002 <sup>1</sup> | 2003        |
|                           | 1,000 dollars     | 1,000 dollars | 1,000 dollars     | 1,000 dollars | 1,000 dollars     | 1,000 dollars | Dollars           | Dollars     |
| <b>12 inch or longer:</b> |                   |               |                   |               |                   |               |                   |             |
| CA .....                  | 1,800             | 1,720         | 2,300             | 2,400         | 4,416             | 4,560         | 1.92              | 1.90        |
| CO .....                  | 420               | 520           | 475               | 470           | 1,330             | 1,410         | 2.80              | 3.00        |
| CT .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| GA .....                  | 160               | 105           | 215               | 125           | 529               | 363           | 2.46              | 2.90        |
| ID .....                  | 38,000            | 34,000        | 37,400            | 34,600        | 29,920            | 29,064        | 0.80              | 0.84        |
| ME .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| MA .....                  | 45                | 35            | 40                | 31            | 190               | 153           | 4.75              | 4.95        |
| MI .....                  | 180               | 135           | 215               | 145           | 553               | 297           | 2.57              | 2.05        |
| MO .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| NY .....                  | 90                | 160           | 90                | 169           | 327               | 487           | 3.63              | 2.88        |
| NC .....                  | 4,830             | 4,410         | 4,600             | 4,110         | 6,348             | 5,014         | 1.38              | 1.22        |
| OR .....                  | 240               | 130           | 395               | 210           | 691               | 418           | 1.75              | 1.99        |
| PA .....                  | 1,360             | 1,380         | 1,360             | 1,460         | 3,876             | 3,796         | 2.85              | 2.60        |
| TN .....                  | 130               | 50            | 148               | 55            | 297               | 139           | 2.01              | 2.52        |
| UT .....                  | 470               | 175           | 496               | 190           | 893               | 469           | 1.80              | 2.47        |
| VA .....                  | 670               | 600           | 578               | 560           | 1,168             | 1,310         | 2.02              | 2.34        |
| WA .....                  | 650               | 870           | 4,550             | 4,700         | 4,505             | 4,418         | 0.99              | 0.94        |
| WV .....                  | 300               | 320           | 349               | 333           | 559               | 450           | 1.60              | 1.35        |
| WI .....                  | 470               | 490           | 554               | 441           | 1,490             | 1,455         | 2.69              | 3.30        |
| Oth Sts .....             | 376               | 841           | 636               | 717           | 1,400             | 1,558         | 2.20              | 2.17        |
| <b>US .....</b>           | <b>50,191</b>     | <b>45,941</b> | <b>54,401</b>     | <b>50,716</b> | <b>58,492</b>     | <b>55,361</b> | <b>1.08</b>       | <b>1.09</b> |
| <b>6 inch-12 inch:</b>    |                   |               |                   |               |                   |               |                   |             |
| CA .....                  | *                 | 540           | *                 | 230           | *                 | 577           | *                 | 2.51        |
| CO .....                  | 1,060             | *             | 450               | *             | 1,125             | *             | 2.50              | *           |
| CT .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| GA .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| ID .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| ME .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| MA .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| MI .....                  | 90                | *             | 30                | *             | 83                | *             | 2.77              | *           |
| MO .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| NY .....                  | 120               | 145           | 48                | 53            | 198               | 289           | 4.13              | 5.45        |
| NC .....                  | 330               | 730           | 90                | 225           | 158               | 351           | 1.75              | 1.56        |
| OR .....                  | 160               | 130           | 39                | 30            | 99                | 74            | 2.53              | 2.47        |
| PA .....                  | 600               | 500           | 236               | 211           | 873               | 802           | 3.70              | 3.80        |
| TN .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| UT .....                  | 260               | 450           | 74                | 260           | 181               | 549           | 2.44              | 2.11        |
| VA .....                  | *                 | 75            | *                 | 40            | *                 | 108           | *                 | 2.69        |
| WA .....                  | 670               | 550           | 200               | 170           | 492               | 386           | 2.46              | 2.27        |
| WV .....                  | *                 | *             | *                 | *             | *                 | *             | *                 | *           |
| WI .....                  | 220               | 300           | 80                | 71            | 212               | 191           | 2.65              | 2.69        |
| Oth Sts .....             | 3,876             | 2,908         | 938               | 981           | 2,102             | 2,334         | 2.24              | 2.38        |
| <b>US .....</b>           | <b>7,386</b>      | <b>6,328</b>  | <b>2,185</b>      | <b>2,271</b>  | <b>5,523</b>      | <b>5,661</b>  | <b>2.53</b>       | <b>2.49</b> |

See footnotes at end of table.



**Table 15-32.—Trout: Sales by size category, by State and United States, 2002–03—Continued**

| Size category and State     | Number of fish/eggs |               | Live weight       |               | Sales             |               |                             |         |
|-----------------------------|---------------------|---------------|-------------------|---------------|-------------------|---------------|-----------------------------|---------|
|                             | 2002 <sup>1</sup>   | 2003          | 2002 <sup>1</sup> | 2003          | Total             |               | Average per 1,000 fish eggs |         |
|                             |                     |               |                   |               | 2002 <sup>1</sup> | 2003          | 2002 <sup>1</sup>           | 2003    |
|                             | 1,000 dollars       | 1,000 dollars | 1,000 dollars     | 1,000 dollars | 1,000 dollars     | 1,000 dollars | Dollars                     | Dollars |
| 1 inch-6 inch:              |                     |               |                   |               |                   |               |                             |         |
| CA .....                    | *                   | 210           | *                 | 3             | *                 | 48            | *                           | 227.00  |
| CO .....                    | 190                 | *             | 5                 | *             | 48                | *             | 250.00                      | *       |
| CT .....                    | .....               | *             | .....             | *             | .....             | *             | .....                       | *       |
| GA .....                    | *                   | *             | *                 | *             | *                 | *             | *                           | *       |
| ID .....                    | *                   | *             | *                 | *             | *                 | *             | *                           | *       |
| ME .....                    | *                   | *             | *                 | *             | *                 | *             | *                           | *       |
| MA .....                    | *                   | *             | *                 | *             | *                 | *             | *                           | *       |
| MI .....                    | 100                 | *             | 3                 | *             | 27                | *             | 266.00                      | *       |
| MO .....                    | *                   | *             | *                 | *             | *                 | *             | *                           | *       |
| NY .....                    | 180                 | 70            | 6                 | 2             | 42                | 21            | 236.00                      | 300.00  |
| NC .....                    | 3,590               | 3,390         | 55                | 65            | 323               | 305           | 90.00                       | 90.00   |
| OR .....                    | 30                  | 50            | 1                 | 1             | 11                | 14            | 359.00                      | 285.00  |
| PA .....                    | 420                 | 270           | 17                | 8             | 116               | 80            | 275.00                      | 295.00  |
| TN .....                    | *                   | *             | *                 | *             | *                 | *             | *                           | *       |
| UT .....                    | 36                  | *             | 1                 | *             | 7                 | *             | 196.00                      | *       |
| VA .....                    | *                   | 190           | *                 | 3             | *                 | 30            | *                           | 157.00  |
| WA .....                    | 1,630               | 1,300         | 39                | 45            | 388               | 387           | 238.00                      | 298.00  |
| WV .....                    | *                   | *             | *                 | *             | *                 | *             | *                           | *       |
| WI .....                    | 340                 | 165           | 3                 | 2             | 58                | 31            | 172.00                      | 185.00  |
| Oth Sts .....               | 2,647               | 1,692         | 44                | 53            | 454               | 317           | 172.00                      | 187.00  |
| US .....                    | 9,163               | 7,337         | 174               | 182           | 1,474             | 1,233         | 161.00                      | 168.00  |
| Trout eggs .....            | .....               | .....         | .....             | .....         | .....             | .....         | .....                       | .....   |
| Region <sup>2 3</sup> ..... | .....               | .....         | .....             | .....         | .....             | .....         | .....                       | .....   |
| North East .....            | 1,210               | 605           | .....             | .....         | 27                | 10            | 22.30                       | 16.50   |
| South and Central .....     | 715                 | 620           | .....             | .....         | 15                | 13            | 21.00                       | 21.00   |
| West .....                  | 296,300             | 262,320       | .....             | .....         | 4,404             | 4,153         | 14.90                       | 15.80   |
| WA .....                    | 287,000             | 253,000       | .....             | .....         | 4,305             | 4,048         | 15.00                       | 16.00   |
| US .....                    | 298,225             | 263,545       | .....             | .....         | 4,446             | 4,176         | 14.90                       | 15.80   |

<sup>1</sup>Revised. <sup>2</sup>Data published at the regional level to avoid disclosure of individual operations. <sup>3</sup>Regions are defined as follows - North East: CT, MA, ME, NY, PA, and WV; South: AR, GA, NC, TN, and VA; Central: MI, MO, and WI; West: CA, CO, ID, OR, UT, and WA. \*Included in other States to avoid disclosure of individual operations.  
 NASS, Livestock Branch, (202) 720-0585.

**Table 15-33.—Refrigerated warehouses: Gross refrigerated space by type of plant, United States, biennially, October 1985–2003<sup>1 2</sup>**

| Type                          | 1985      | 1987      | 1989      | 1991      | 1993      |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|
| 1,000 Cubic Feet              |           |           |           |           |           |
| General:                      |           |           |           |           |           |
| Public .....                  | 1,110,394 | 1,285,860 | 1,391,901 | 1,572,879 | 1,678,461 |
| Private and Semiprivate ..... | 589,132   | 676,369   | 603,402   | 624,005   | 658,893   |
| Total .....                   | 1,699,526 | 1,962,229 | 1,995,303 | 2,196,884 | 2,337,354 |
| Apple:                        |           |           |           |           |           |
| Public .....                  | 19,383    | 19,750    | 21,945    | 27,227    | 21,645    |
| Private and Semiprivate ..... | 466,768   | 494,404   | 554,150   | 584,296   | 613,093   |
| Total .....                   | 486,151   | 514,154   | 576,095   | 611,523   | 634,737   |
| Total, all .....              | 2,185,677 | 2,476,384 | 2,571,397 | 2,808,407 | 2,972,092 |
| 1,000 Cubic Feet              |           |           |           |           |           |
| 1995                          |           |           |           |           |           |
| 1997                          |           |           |           |           |           |
| 1999                          |           |           |           |           |           |
| 2001                          |           |           |           |           |           |
| 2003                          |           |           |           |           |           |
| 1,000 Cubic Feet              |           |           |           |           |           |
| General:                      |           |           |           |           |           |
| Public .....                  | 1,741,585 | 2,043,908 | 2,146,643 | 2,251,943 | 2,357,080 |
| Private and Semiprivate ..... | 674,649   | 683,372   | 756,505   | 788,853   | 802,454   |
| Total .....                   | 2,416,234 | 2,727,280 | 2,903,152 | 3,040,796 | 3,159,535 |
| Apple:                        |           |           |           |           |           |
| Public .....                  | 23,419    | 23,907    | 21,690    | 14,183    | 12,517    |
| Private and Semiprivate ..... | 647,993   | 675,838   | 680,736   | 712,412   | 723,499   |
| Total .....                   | 671,412   | 699,745   | 702,426   | 726,595   | 736,016   |
| Total, all .....              | 3,087,646 | 3,427,025 | 3,605,578 | 3,767,394 | 3,895,551 |

<sup>1</sup> Warehouse space is defined as all space artificially cooled to temperatures of 50 degrees F. or less, in which food commodities are normally held for 30 days or longer. <sup>2</sup> Totals may not add due to rounding. NASS, Livestock Branch, (202) 720-8784.

**Table 15-34.—Apple and pear storages: Number of refrigerated warehouses, gross and usable refrigerated space, regular and CA capacity, by State and United States, October 1, 2003<sup>1 2</sup>**

| State   | Number of warehouses | Refrigerated space |                  | Apple & pear storage capacity |                       |               |
|---------|----------------------|--------------------|------------------|-------------------------------|-----------------------|---------------|
|         |                      | Gross              | Usable           | Regular                       | Controlled atmosphere | Total         |
|         |                      | 1,000 Cubic feet   | 1,000 Cubic feet | 1,000 Bushels                 | 1,000 Bushels         | 1,000 Bushels |
| AZ      | 2                    |                    |                  |                               |                       |               |
| CA      | 29                   | 28,502             | 21,415           | 5,933                         | 1,757                 | 7,690         |
| CO      | 6                    | 2,555              | 2,094            | 681                           | 163                   | 844           |
| CT      | 27                   | 1,490              | 1,195            | 288                           | 174                   | 461           |
| DE      | 2                    |                    |                  |                               |                       |               |
| ID      | 2                    | 5,840              | 5,023            | 1,271                         | 1,049                 | 2,320         |
| IL      | 15                   | 1,326              | 1,141            | 345                           |                       | 345           |
| IN      | 31                   | 2,317              | 1,813            | 388                           | 206                   | 594           |
| KS      | 1                    |                    |                  |                               |                       |               |
| KY      | 3                    |                    | 97               | 33                            |                       | 33            |
| ME      | 1                    | 2,750              | 2,405            | 337                           | 729                   | 1,066         |
| MD      | 6                    | 1,390              | 1,115            | 173                           | 354                   | 527           |
| MA      | 55                   | 4,136              | 3,366            | 802                           | 600                   | 1,402         |
| MI      | 179                  | 35,196             | 30,806           | 4,947                         | 7,795                 | 12,742        |
| MN      | 12                   | 738                | 643              | 242                           | 33                    | 275           |
| MO      | 4                    |                    |                  |                               |                       |               |
| NE      | 1                    |                    |                  |                               |                       |               |
| NH      | 21                   | 1,901              | 1,657            | 311                           | 449                   | 760           |
| NJ      | 22                   | 2,312              | 1,925            | 545                           | 173                   | 717           |
| NM      | 2                    |                    |                  |                               |                       |               |
| NY      | 147                  | 37,307             | 32,887           | 5,125                         | 8,614                 | 13,739        |
| NC      | 19                   | 4,413              | 3,972            | 1,106                         | 480                   | 1,586         |
| OH      | 53                   | 3,442              | 2,804            | 787                           | 332                   | 1,119         |
| OR      | 61                   | 51,642             | 39,016           | 7,965                         | 3,926                 | 11,891        |
| PA      | 108                  | 27,565             | 21,541           | 4,787                         | 2,925                 | 7,712         |
| RI      | 6                    | 151                | 142              | 38                            | 8                     | 46            |
| SC      | 3                    |                    |                  |                               |                       |               |
| UT      | 3                    |                    |                  |                               |                       |               |
| VT      | 18                   | 2,406              | 2,125            | 454                           | 467                   | 921           |
| VA      | 11                   | 2,275              | 1,928            | 318                           | 507                   | 825           |
| WA      | 31                   | 12,457             | 10,787           | 1,947                         | 2,122                 | 4,069         |
| WA      | 263                  | 492,326            | 393,968          | 61,177                        | 135,792               | 196,969       |
| WV      | 15                   | 7,135              | 5,859            | 1,872                         | 418                   | 2,290         |
| WI      | 17                   | 1,084              | 901              | 297                           | 98                    | 395           |
| Oth Sts |                      | 3,242              | 2,567            | 524                           | 234                   | 758           |
| US      | 1,200                | 736,016            | 593,189          | 102,692                       | 169,402               | 272,095       |

<sup>1</sup> Totals may not add due to rounding. <sup>2</sup> Firms in this table store only apples or pears. NASS, Livestock Branch, (202) 720-8784.

**Table 15-35.—General storages: Gross and usable cooler and freezer space, by State and United States, October 1, 2003<sup>1 2</sup>**

| State         | Cooler           |         | Freezer   |           | Total     |           |
|---------------|------------------|---------|-----------|-----------|-----------|-----------|
|               | Gross            | Usable  | Gross     | Usable    | Gross     | Usable    |
|               | 1,000 Cubic Feet |         |           |           |           |           |
| AL .....      | 5,599            | 5,052   | 23,826    | 20,086    | 29,425    | 25,137    |
| AK .....      | 163              | 147     | 3,904     | 3,279     | 4,067     | 3,426     |
| AZ .....      | *                | *       | *         | *         | 16,654    | 13,379    |
| AR .....      | *                | *       | *         | *         | 87,453    | 71,555    |
| CA .....      | 169,659          | 135,399 | 279,612   | 224,405   | 449,271   | 359,804   |
| CO .....      | 5,216            | 3,783   | 12,576    | 9,919     | 17,792    | 13,702    |
| CT .....      | *                | *       | *         | *         | 4,876     | 3,925     |
| DE .....      | *                | *       | *         | *         | 26,139    | 18,106    |
| FL .....      | 74,707           | 60,323  | 178,433   | 145,908   | 253,140   | 206,231   |
| GA .....      | 45,358           | 36,299  | 98,253    | 79,750    | 143,611   | 116,050   |
| HI .....      | *                | *       | *         | *         | *         | *         |
| ID .....      | 2,293            | 1,798   | 56,294    | 47,960    | 58,587    | 49,758    |
| IL .....      | 17,833           | 12,573  | 87,559    | 65,285    | 105,393   | 77,858    |
| IN .....      | 6,271            | 5,216   | 49,206    | 39,935    | 55,478    | 45,151    |
| IA .....      | 11,811           | 8,186   | 62,736    | 53,202    | 74,547    | 61,389    |
| KS .....      | 8,362            | 5,408   | 36,128    | 26,803    | 44,490    | 32,211    |
| KY .....      | 5,700            | 4,480   | 16,637    | 15,007    | 22,337    | 19,487    |
| LA .....      | 1,579            | 1,376   | 12,011    | 10,128    | 13,590    | 11,504    |
| ME .....      | 278              | 241     | 12,039    | 7,898     | 12,318    | 8,139     |
| MD .....      | 2,295            | 1,842   | 26,921    | 20,322    | 29,216    | 22,163    |
| MA .....      | 9,532            | 7,874   | 70,194    | 58,720    | 79,727    | 66,594    |
| MI .....      | 14,061           | 11,465  | 74,149    | 57,867    | 88,211    | 69,332    |
| MN .....      | 15,286           | 11,027  | 56,566    | 42,863    | 71,852    | 53,890    |
| MS .....      | *                | *       | *         | *         | 21,814    | 17,632    |
| MO .....      | 30,485           | 25,182  | 76,079    | 62,127    | 106,564   | 87,309    |
| MT .....      | *                | *       | *         | *         | 976       | 753       |
| NE .....      | 9,638            | 7,406   | 31,085    | 24,933    | 40,723    | 32,339    |
| NV .....      | 1,491            | 1,340   | 5,879     | 5,197     | 7,370     | 6,536     |
| NH .....      | *                | *       | *         | *         | *         | *         |
| NJ .....      | 24,705           | 19,370  | 56,833    | 45,588    | 81,538    | 64,959    |
| NM .....      | *                | *       | *         | *         | 2,529     | 2,071     |
| NY .....      | 30,727           | 24,513  | 68,551    | 57,650    | 99,278    | 82,164    |
| NC .....      | 3,938            | 3,373   | 59,653    | 50,000    | 63,591    | 53,373    |
| ND .....      | *                | *       | 8,659     | 6,651     | 8,926     | 6,862     |
| OH .....      | 9,311            | 7,485   | 68,059    | 52,784    | 77,371    | 60,269    |
| OK .....      | 4,855            | 4,339   | 10,503    | 8,138     | 15,359    | 12,477    |
| OR .....      | 5,174            | 3,896   | 98,793    | 79,738    | 103,967   | 83,635    |
| PA .....      | 19,924           | 14,292  | 125,668   | 103,337   | 145,592   | 117,628   |
| RI .....      | *                | *       | *         | *         | *         | *         |
| SC .....      | 769              | 581     | 23,957    | 19,846    | 24,727    | 20,428    |
| SD .....      | *                | *       | *         | *         | 12,352    | 6,524     |
| TN .....      | 459              | 346     | 35,846    | 27,598    | 36,305    | 27,944    |
| TX .....      | 33,733           | 23,914  | 125,796   | 85,302    | 159,529   | 109,216   |
| UT .....      | 1,759            | 1,381   | 28,272    | 23,662    | 30,031    | 25,043    |
| VT .....      | *                | *       | *         | *         | *         | *         |
| VA .....      | 19,016           | 16,068  | 43,160    | 37,572    | 62,175    | 53,641    |
| WA .....      | 10,215           | 7,444   | 178,746   | 138,688   | 188,961   | 146,131   |
| WV .....      | *                | *       | *         | *         | 2,420     | 1,096     |
| WI .....      | 69,711           | 51,735  | 97,594    | 82,605    | 167,305   | 134,340   |
| WY .....      | *                | *       | *         | *         | *         | *         |
| Oth Sts ..... | 24,328           | 16,455  | 163,112   | 127,523   | 11,960    | 8,728     |
| US .....      | 696,243          | 541,612 | 2,463,291 | 1,968,275 | 3,159,535 | 2,509,886 |

<sup>1</sup> Totals may not add due to rounding. <sup>2</sup> Excludes storages used exclusively for storing apples and pears. Includes frozen juice tank storage capacity. \* Not published to avoid disclosure of individual operations. Included in "Other States" and U.S. totals.

**Table 15-36.—Alaska crops: Acreage harvested, volume harvested, and value of production, 1994–2003**

| Year                    | Oats for grain    | Barley for grain | All hay      | Grain silage     | Grass silage     | Potatoes     | Other vegetables <sup>1</sup> |
|-------------------------|-------------------|------------------|--------------|------------------|------------------|--------------|-------------------------------|
|                         | Acreage harvested |                  |              |                  |                  |              |                               |
|                         | <i>Acres</i>      | <i>Acres</i>     | <i>Acres</i> | <i>Acres</i>     | <i>Acres</i>     | <i>Acres</i> | <i>Acres</i>                  |
| 1994 .....              | 1,200             | 6,400            | 18,300       | 400              | 900              | 780          | 271                           |
| 1995 .....              | 1,200             | 7,300            | 19,200       | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 1,040        | 300                           |
| 1996 .....              | 700               | 6,900            | 20,200       | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 630          | 343                           |
| 1997 .....              | 1,500             | 7,000            | 22,500       | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 820          | 337                           |
| 1998 .....              | 1,500             | 6,500            | 22,000       | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 820          | 340                           |
| 1999 .....              | 1,500             | 4,600            | 20,300       | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 850          | 357                           |
| 2000 .....              | 300               | 3,300            | 18,000       | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 840          | 370                           |
| 2001 .....              | 1,200             | 5,100            | 23,000       | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 910          | 361                           |
| 2002 .....              | 1,200             | 3,800            | 23,000       | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 850          | 368                           |
| 2003 <sup>2</sup> ..... | 1,200             | 3,500            | 22,000       | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 800          | NA                            |

  

| Year                    | Oats for grain   | Barley for grain | All hay     | Grain silage     | Grass silage     | Potatoes    | Other vegetables <sup>1</sup> |
|-------------------------|------------------|------------------|-------------|------------------|------------------|-------------|-------------------------------|
|                         | Volume harvested |                  |             |                  |                  |             |                               |
|                         | <i>Bushels</i>   | <i>Bushels</i>   | <i>Tons</i> | <i>Tons</i>      | <i>Tons</i>      | <i>Cwt.</i> | <i>Cwt.</i>                   |
| 1994 .....              | 48,000           | 230,000          | 20,900      | 1,200            | 2,900            | 134,000     | 37,115                        |
| 1995 .....              | 70,200           | 372,000          | 22,800      | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 220,000     | 41,645                        |
| 1996 .....              | 31,500           | 283,000          | 14,400      | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 126,000     | 43,232                        |
| 1997 .....              | 65,300           | 164,500          | 26,000      | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 168,000     | 46,723                        |
| 1998 .....              | 45,000           | 122,900          | 23,700      | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 150,000     | 41,846                        |
| 1999 .....              | 62,100           | 154,800          | 23,200      | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 185,000     | 53,745                        |
| 2000 .....              | 7,000            | 102,500          | 17,000      | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 129,000     | 58,042                        |
| 2001 .....              | 61,000           | 208,000          | 30,000      | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 230,000     | 49,989                        |
| 2002 .....              | 48,000           | 149,000          | 26,000      | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 154,000     | 51,762                        |
| 2003 <sup>2</sup> ..... | 34,000           | 135,000          | 29,000      | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 168,000     | NA                            |

  

| Year                    | Oats for grain      | Barley for grain | All hay        | All silage       | Potatoes       | Other vegetables <sup>1</sup> |
|-------------------------|---------------------|------------------|----------------|------------------|----------------|-------------------------------|
|                         | Value of production |                  |                |                  |                |                               |
|                         | <i>Dollars</i>      | <i>Dollars</i>   | <i>Dollars</i> | <i>Dollars</i>   | <i>Dollars</i> | <i>Dollars</i>                |
| 1994 .....              | 120,000             | 771,000          | 3,762,000      | 228,000          | 2,600,000      | 1,083,000                     |
| 1995 .....              | 179,000             | 1,228,000        | 4,104,000      | ( <sup>3</sup> ) | 4,092,000      | 1,242,000                     |
| 1996 .....              | 79,000              | 891,000          | 2,736,000      | ( <sup>3</sup> ) | 2,494,000      | 1,443,000                     |
| 1997 .....              | 163,000             | 526,000          | 4,940,000      | ( <sup>3</sup> ) | 3,360,000      | 1,620,000                     |
| 1998 .....              | 117,000             | 442,000          | 4,752,000      | ( <sup>3</sup> ) | 3,135,000      | 1,397,000                     |
| 1999 .....              | 152,000             | 581,000          | 4,524,000      | ( <sup>3</sup> ) | 3,830,000      | 1,897,000                     |
| 2000 .....              | 22,000              | 369,000          | 3,740,000      | ( <sup>3</sup> ) | 2,670,000      | 2,080,000                     |
| 2001 .....              | 153,000             | 707,000          | 6,300,000      | ( <sup>3</sup> ) | 4,669,000      | 2,169,000                     |
| 2002 .....              | 125,000             | 561,000          | 5,590,000      | ( <sup>3</sup> ) | 3,080,000      | 2,318,000                     |
| 2003 <sup>2</sup> ..... | 87,000              | 479,000          | 6,525,000      | ( <sup>3</sup> ) | 3,360,000      | NA                            |

<sup>1</sup> Excludes greenhouse-grown vegetables. <sup>2</sup> Preliminary. <sup>3</sup> Data no longer estimated. NA-not available.  
 NASS, Crops Branch, (202) 720-2127.

**Table 15-37.—Crop ranking: Major field crops, rank by production, major States, 2003**

| Rank    | State | Corn, grain          | State | Soybeans             | State | All wheat            |
|---------|-------|----------------------|-------|----------------------|-------|----------------------|
|         |       | <i>1,000 Bushels</i> |       | <i>1,000 Bushels</i> |       | <i>1,000 Bushels</i> |
| 1 ....  | IA    | 1,884,000            | IL    | 374,125              | KS    | 480,000              |
| 2 ....  | IL    | 1,812,200            | IA    | 337,600              | ND    | 317,090              |
| 3 ....  | NE    | 1,124,200            | MN    | 229,400              | OK    | 179,400              |
| 4 ....  | MN    | 970,900              | IN    | 203,300              | WA    | 139,345              |
| 5 ....  | IN    | 786,940              | NE    | 179,600              | MT    | 137,530              |
| 6 ....  | OH    | 478,920              | OH    | 162,640              | SD    | 116,241              |
| 7 ....  | SD    | 427,350              | MO    | 143,260              | MN    | 105,482              |
| 8 ....  | WI    | 367,650              | SD    | 113,130              | TX    | 96,600               |
| 9 ....  | MO    | 302,400              | AR    | 109,820              | ID    | 87,300               |
| 10 .... | KS    | 300,000              | ND    | 87,870               | NE    | 83,720               |
|         | US    | 10,113,887           | US    | 2,417,565            | US    | 2,336,526            |
| Rank    | State | Winter wheat         | State | Durum wheat          | State | Other spring wheat   |
|         |       | <i>1,000 Bushels</i> |       | <i>1,000 Bushels</i> |       | <i>1,000 Bushels</i> |
| 1 ....  | KS    | 480,000              | ND    | 58,410               | ND    | 252,800              |
| 2 ....  | OK    | 179,400              | MT    | 14,490               | MN    | 104,400              |
| 3 ....  | WA    | 117,000              | AZ    | 11,500               | MT    | 59,400               |
| 4 ....  | TX    | 96,600               | CA    | 11,500               | SD    | 56,280               |
| 5 ....  | NE    | 83,720               | SD    | 621                  | ID    | 29,700               |
| 6 ....  | CO    | 77,000               | MN    | 116                  | WA    | 22,345               |
| 7 ....  | OH    | 68,000               |       |                      | OR    | 5,600                |
| 8 ....  | MT    | 63,640               |       |                      | CO    | 1,160                |
| 9 ....  | SD    | 59,340               |       |                      | UT    | 460                  |
| 10 .... | ID    | 57,600               |       |                      | NV    | 300                  |
|         | US    | 1,707,069            | US    | 96,637               | US    | 532,820              |
| Rank    | State | Sorghum, grain       | State | Barley               | State | Oats                 |
|         |       | <i>1,000 bushels</i> |       | <i>1,000 bushels</i> |       | <i>1,000 bushels</i> |
| 1 ....  | TX    | 153,900              | ND    | 118,800              | ND    | 21,240               |
| 2 ....  | KS    | 130,500              | ID    | 47,520               | MN    | 18,815               |
| 3 ....  | NE    | 31,000               | MT    | 31,590               | SD    | 15,640               |
| 4 ....  | AR    | 17,220               | WA    | 14,570               | WI    | 15,410               |
| 5 ....  | MO    | 16,170               | MN    | 12,750               | IA    | 10,790               |
| 6 ....  | LA    | 14,025               | CO    | 8,938                | NE    | 6,570                |
| 7 ....  | OK    | 9,250                | WY    | 7,125                | PA    | 6,430                |
| 8 ....  | IL    | 8,610                | PA    | 3,965                | TX    | 6,300                |
| 9 ....  | SD    | 6,750                | OR    | 3,840                | KS    | 4,550                |
| 10 .... | MS    | 6,132                | CA    | 3,712                | IL    | 4,450                |
|         | US    | 411,237              | US    | 276,087              | US    | 144,649              |
| Rank    | State | All cotton           | State | Peanuts              | State | Rice                 |
|         |       | <i>1,000 bales</i>   |       | <i>1,000 pounds</i>  |       | <i>1,000 cwt.</i>    |
| 1 ....  | TX    | 4,292.0              | GA    | 1,863,000            | AR    | 95,860               |
| 2 ....  | GA    | 2,100.0              | TX    | 810,000              | CA    | 38,624               |
| 3 ....  | MS    | 2,100.0              | AL    | 508,750              | LA    | 26,397               |
| 4 ....  | CA    | 1,870.0              | FL    | 345,000              | MS    | 15,912               |
| 5 ....  | AR    | 1,800.0              | NC    | 320,000              | TX    | 11,880               |
| 6 ....  | NC    | 1,100.0              | OK    | 98,000               | MO    | 10,484               |
| 7 ....  | LA    | 1,015.0              | VA    | 95,700               |       |                      |
| 8 ....  | TN    | 875.0                | SC    | 57,800               |       |                      |
| 9 ....  | AL    | 820.0                | NM    | 45,900               |       |                      |
| 10 .... | MO    | 710.0                |       |                      |       |                      |
|         | US    | 18,224.0             | US    | 4,144,150            | US    | 199,157              |
| Rank    | State | All hay, baled       | State | Alfalfa hay, baled   | State | Other hay, baled     |
|         |       | <i>1,000 tons</i>    |       | <i>1,000 tons</i>    |       | <i>1,000 tons</i>    |
| 1 ....  | TX    | 12,388               | CA    | 7,630                | TX    | 11,730               |
| 2 ....  | CA    | 9,310                | NE    | 5,220                | MO    | 6,840                |
| 3 ....  | MO    | 8,168                | SD    | 5,130                | KY    | 5,500                |
| 4 ....  | NE    | 7,600                | IA    | 4,921                | TN    | 4,600                |
| 5 ....  | SD    | 7,210                | ID    | 4,440                | OK    | 4,000                |
| 6 ....  | KS    | 7,000                | MN    | 4,125                | KS    | 3,600                |
| 7 ....  | KY    | 6,375                | WI    | 3,680                | VA    | 2,990                |
| 8 ....  | IA    | 5,515                | KS    | 3,400                | AR    | 2,904                |
| 9 ....  | MN    | 5,245                | MT    | 3,360                | PA    | 2,420                |
| 10 .... | OK    | 4,992                | MI    | 2,720                | NE    | 2,380                |
|         | US    | 157,123              | US    | 76,307               | US    | 80,816               |
| Rank    | State | All tobacco          | State | Dry edible beans     | State | Potatoes             |
|         |       | <i>1,000 pounds</i>  |       | <i>1,000 cwt.</i>    |       | <i>1,000 cwt.</i>    |
| 1 ....  | NC    | 310,695              | ND    | 7,800                | ID    | 123,180              |
| 2 ....  | KY    | 229,840              | NE    | 3,151                | WA    | 93,150               |
| 3 ....  | TN    | 72,870               | MI    | 2,475                | WI    | 32,800               |
| 4 ....  | SC    | 63,000               | MN    | 1,870                | ND    | 27,440               |
| 5 ....  | GA    | 60,480               | ID    | 1,497                | CO    | 26,198               |
| 6 ....  | VA    | 42,679               | CA    | 1,403                | MN    | 22,330               |
| 7 ....  | FL    | 11,000               | CO    | 1,168                | OR    | 20,991               |
| 8 ....  | OH    | 9,010                | WY    | 645                  | CA    | 17,319               |
| 9 ....  | IN    | 8,400                | WA    | 525                  | ME    | 17,030               |
| 10 .... | PA    | 7,880                | TX    | 513                  | MI    | 15,015               |
|         | US    | 831,204              | US    | 22,515               | US    | 459,045              |

**Table 15-38.—U.S. crop progress: 2003 crop and 5-year average**  
[In percent]

| Week-end-<br>ing date | Winter wheat |       |         |       |        |       |           |       |
|-----------------------|--------------|-------|---------|-------|--------|-------|-----------|-------|
|                       | Planted      |       | Emerged |       | Headed |       | Harvested |       |
|                       | 2003         | Avg   | 2003    | Avg   | 2003   | Avg   | 2003      | Avg   |
| 2002: 1               |              |       |         |       |        |       |           |       |
| Sep 8 .....           | 9            | 7     | .....   | ..... | .....  | ..... | .....     | ..... |
| Sep 15 .....          | 17           | 15    | .....   | ..... | .....  | ..... | .....     | ..... |
| Sep 22 .....          | 31           | 27    | .....   | ..... | .....  | ..... | .....     | ..... |
| Sep 29 .....          | 50           | 41    | .....   | ..... | .....  | ..... | .....     | ..... |
| Oct 6 .....           | 64           | 57    | .....   | ..... | .....  | ..... | .....     | ..... |
| Oct 13 .....          | 74           | 70    | .....   | ..... | .....  | ..... | .....     | ..... |
| Oct 20 .....          | 84           | 80    | .....   | ..... | .....  | ..... | .....     | ..... |
| Oct 27 .....          | 89           | 86    | .....   | ..... | .....  | ..... | .....     | ..... |
| Nov 3 .....           | 90           | 90    | .....   | ..... | .....  | ..... | .....     | ..... |
| Nov 10 .....          | 92           | 93    | .....   | ..... | .....  | ..... | .....     | ..... |
| Nov 17 .....          | 94           | 95    | .....   | ..... | .....  | ..... | .....     | ..... |
| Nov 24 .....          | 96           | 97    | .....   | ..... | .....  | ..... | .....     | ..... |
| 2003:                 |              |       |         |       |        |       |           |       |
| Mar 30 .....          | .....        | ..... | .....   | ..... | .....  | ..... | .....     | ..... |
| Apr 6 .....           | .....        | ..... | .....   | ..... | .....  | ..... | .....     | ..... |
| Apr 13 .....          | .....        | ..... | .....   | ..... | 4      | 6     | .....     | ..... |
| Apr 20 .....          | .....        | ..... | .....   | ..... | 10     | 11    | .....     | ..... |
| Apr 27 .....          | .....        | ..... | .....   | ..... | 21     | 20    | .....     | ..... |
| May 4 .....           | .....        | ..... | .....   | ..... | 39     | 35    | .....     | ..... |
| May 11 .....          | .....        | ..... | .....   | ..... | 56     | 50    | .....     | ..... |
| May 18 .....          | .....        | ..... | .....   | ..... | 68     | 66    | .....     | ..... |
| May 25 .....          | .....        | ..... | .....   | ..... | 76     | 77    | .....     | ..... |
| Jun 1 .....           | .....        | ..... | .....   | ..... | 84     | 84    | .....     | ..... |
| Jun 8 .....           | .....        | ..... | .....   | ..... | 89     | 91    | 7         | 9     |
| Jun 15 .....          | .....        | ..... | .....   | ..... | 94     | 95    | 13        | 19    |
| Jun 22 .....          | .....        | ..... | .....   | ..... | 98     | 97    | 25        | 33    |
| Jun 29 .....          | .....        | ..... | .....   | ..... | .....  | ..... | 47        | 50    |
| Jul 6 .....           | .....        | ..... | .....   | ..... | .....  | ..... | 64        | 66    |
| Jul 13 .....          | .....        | ..... | .....   | ..... | .....  | ..... | 71        | 76    |
| Jul 20 .....          | .....        | ..... | .....   | ..... | .....  | ..... | 81        | 83    |
| Jul 27 .....          | .....        | ..... | .....   | ..... | .....  | ..... | 88        | 87    |
| Aug 3 .....           | .....        | ..... | .....   | ..... | .....  | ..... | 93        | 90    |
| Aug 10 .....          | .....        | ..... | .....   | ..... | .....  | ..... | 96        | 94    |
|                       |              |       |         |       |        |       |           |       |
| Week-end-<br>ing date | Spring wheat |       |         |       |        |       |           |       |
|                       | Planted      |       | Emerged |       | Headed |       | Harvested |       |
|                       | 2003         | Avg   | 2003    | Avg   | 2003   | Avg   | 2003      | Avg   |
| 2003:                 |              |       |         |       |        |       |           |       |
| Apr 6 .....           | 5            | 4     | .....   | ..... | .....  | ..... | .....     | ..... |
| Apr 13 .....          | 13           | 8     | .....   | ..... | .....  | ..... | .....     | ..... |
| Apr 20 .....          | 25           | 15    | .....   | ..... | .....  | ..... | .....     | ..... |
| Apr 27 .....          | 45           | 30    | .....   | ..... | .....  | ..... | .....     | ..... |
| May 4 .....           | 63           | 50    | .....   | ..... | .....  | ..... | .....     | ..... |
| May 11 .....          | 69           | 64    | .....   | ..... | .....  | ..... | .....     | ..... |
| May 18 .....          | 78           | 77    | .....   | ..... | .....  | ..... | .....     | ..... |
| May 25 .....          | 90           | 88    | .....   | ..... | .....  | ..... | .....     | ..... |
| Jun 1 .....           | 97           | 95    | .....   | ..... | .....  | ..... | .....     | ..... |
| Jun 8 .....           | .....        | ..... | .....   | ..... | .....  | ..... | .....     | ..... |
| Jun 15 .....          | .....        | ..... | .....   | ..... | .....  | ..... | .....     | ..... |
| Jun 22 .....          | .....        | ..... | .....   | ..... | 4      | NA    | .....     | ..... |
| Jun 29 .....          | .....        | ..... | .....   | ..... | 23     | 20    | .....     | ..... |
| Jun 29 .....          | .....        | ..... | .....   | ..... | 46     | 38    | .....     | ..... |
| Jul 6 .....           | .....        | ..... | .....   | ..... | 67     | 60    | .....     | ..... |
| Jul 13 .....          | .....        | ..... | .....   | ..... | 83     | 79    | .....     | ..... |
| Jul 20 .....          | .....        | ..... | .....   | ..... | 93     | 91    | .....     | ..... |
| Jul 27 .....          | .....        | ..... | .....   | ..... | 98     | 96    | .....     | ..... |
| Aug 3 .....           | .....        | ..... | .....   | ..... | .....  | ..... | 13        | 11    |
| Aug 10 .....          | .....        | ..... | .....   | ..... | .....  | ..... | 29        | 27    |
| Aug 17 .....          | .....        | ..... | .....   | ..... | .....  | ..... | 53        | 46    |
| Aug 24 .....          | .....        | ..... | .....   | ..... | .....  | ..... | 62        | 62    |
| Sep 1 .....           | .....        | ..... | .....   | ..... | .....  | ..... | 66        | 80    |
| Sep 8 .....           | .....        | ..... | .....   | ..... | .....  | ..... | 75        | 88    |
| Sep 15 .....          | .....        | ..... | .....   | ..... | .....  | ..... | 90        | 93    |
| Sep 22 .....          | .....        | ..... | .....   | ..... | .....  | ..... | 95        | 97    |

See footnote at end of table.

**Table 15-38.—U.S. crop progress: 2003 crop and 5-year average—Continued**  
[In percent]

| Week-end-<br>ing date | Rice    |     |         |     |        |     |           |     | Sorghum |     |        |     |          |     |        |     |           |     |  |
|-----------------------|---------|-----|---------|-----|--------|-----|-----------|-----|---------|-----|--------|-----|----------|-----|--------|-----|-----------|-----|--|
|                       | Planted |     | Emerged |     | Headed |     | Harvested |     | Planted |     | Headed |     | Coloring |     | Mature |     | Harvested |     |  |
|                       | 2003    | Avg | 2003    | Avg | 2003   | Avg | 2003      | Avg | 2003    | Avg | 2003   | Avg | 2003     | Avg | 2003   | Avg | 2003      | Avg |  |
| 2003:                 |         |     |         |     |        |     |           |     |         |     |        |     |          |     |        |     |           |     |  |
| Mar 30                | 7       | 7   |         |     |        |     |           |     | 10      | 11  |        |     |          |     |        |     |           |     |  |
| Apr 6 ...             | 15      | 12  | 4       | 5   |        |     |           |     | 12      | 13  |        |     |          |     |        |     |           |     |  |
| Apr 13                | 26      | 21  | 9       | 11  |        |     |           |     | 15      | 14  |        |     |          |     |        |     |           |     |  |
| Apr 20                | 46      | 36  | 16      | 17  |        |     |           |     | 17      | 16  |        |     |          |     |        |     |           |     |  |
| Apr 27                | 58      | 52  | 30      | 27  |        |     |           |     | 19      | 19  |        |     |          |     |        |     |           |     |  |
| May 4 ...             | 72      | 67  | 47      | 41  |        |     |           |     | 22      | 23  |        |     |          |     |        |     |           |     |  |
| May 11                | 78      | 79  | 63      | 56  |        |     |           |     | 27      | 29  |        |     |          |     |        |     |           |     |  |
| May 18                | 83      | 88  | 72      | 70  |        |     |           |     | 31      | 36  |        |     |          |     |        |     |           |     |  |
| May 25                | 90      | 94  | 81      | 81  |        |     |           |     | 40      | 48  |        |     |          |     |        |     |           |     |  |
| Jun 1 ...             | 95      | 97  | 85      | 90  |        |     |           |     | 56      | 61  |        |     |          |     |        |     |           |     |  |
| Jun 8 ...             |         |     | 92      | 94  |        |     |           |     | 65      | 74  |        |     |          |     |        |     |           |     |  |
| Jun 15                |         |     | 96      | 97  | 2      | 3   |           |     | 76      | 84  | 14     | NA  |          |     |        |     |           |     |  |
| Jun 22                |         |     |         |     | 5      | 7   |           |     | 84      | 90  | 15     | 16  |          |     |        |     |           |     |  |
| Jun 29                |         |     |         |     | 10     | 12  |           |     | 92      | 95  | 17     | 19  |          |     |        |     |           |     |  |
| Jul 6 ...             |         |     |         |     | 15     | 15  |           |     | 96      | 98  | 20     | 22  |          |     |        |     |           |     |  |
| Jul 13 ...            |         |     |         |     | 19     | 22  |           |     |         |     | 24     | 27  | 15       | 15  |        |     |           |     |  |
| Jul 20                |         |     |         |     | 31     | 31  |           |     |         |     | 30     | 35  | 18       | 18  |        |     |           |     |  |
| Jul 27 ...            |         |     |         |     | 45     | 42  |           |     |         |     | 36     | 47  | 20       | 21  |        |     |           |     |  |
| Aug 3 ...             |         |     |         |     | 63     | 57  |           |     |         |     | 47     | 59  | 23       | 26  |        |     |           |     |  |
| Aug 10                |         |     |         |     | 76     | 72  | 9         | 10  |         |     | 59     | 73  | 27       | 33  |        |     |           |     |  |
| Aug 17                |         |     |         |     | 88     | 84  | 12        | 14  |         |     | 69     | 83  | 33       | 42  |        |     |           |     |  |
| Aug 24                |         |     |         |     | 95     | 92  | 17        | 18  |         |     | 77     | 91  | 41       | 53  | 23     | 27  |           |     |  |
| Aug 31                |         |     |         |     |        |     | 22        | 24  |         |     | 83     | 95  | 50       | 67  | 27     | 34  |           |     |  |
| Sep 7 ...             |         |     |         |     |        |     | 30        | 32  |         |     | 89     | 97  | 62       | 79  | 33     | 45  | 26        | 31  |  |
| Sep 14                |         |     |         |     |        |     | 41        | 45  |         |     | 95     | 99  | 69       | 88  | 40     | 55  | 29        | 38  |  |
| Sep 21                |         |     |         |     |        |     | 58        | 58  |         |     |        |     | 81       | 93  | 48     | 65  | 32        | 43  |  |
| Sep 28                |         |     |         |     |        |     | 69        | 71  |         |     |        |     | 86       | 96  | 57     | 75  | 36        | 50  |  |
| Oct 5 ...             |         |     |         |     |        |     | 80        | 82  |         |     |        |     | 90       | 98  | 66     | 84  | 42        | 56  |  |
| Oct 12                |         |     |         |     |        |     | 89        | 89  |         |     |        |     | 92       | 99  | 71     | 90  | 45        | 63  |  |
| Oct 19                |         |     |         |     |        |     | 92        | 94  |         |     |        |     | 95       | 100 | 78     | 94  | 52        | 73  |  |
| Oct 26                |         |     |         |     |        |     | 96        | 97  |         |     |        |     |          |     | 85     | 97  | 61        | 81  |  |
| Nov 2 ...             |         |     |         |     |        |     |           |     |         |     |        |     |          |     | 91     | 98  | 72        | 86  |  |
| Nov 9 ...             |         |     |         |     |        |     |           |     |         |     |        |     |          |     | 93     | 99  | 79        | 90  |  |
| Nov 16                |         |     |         |     |        |     |           |     |         |     |        |     |          |     | 95     | 100 | 84        | 93  |  |
| Nov 23                |         |     |         |     |        |     |           |     |         |     |        |     |          |     |        |     | 88        | 96  |  |

| Week-end-<br>ing date | Corn    |     |         |     |        |     |       |     |      |     |        |     |           |     |
|-----------------------|---------|-----|---------|-----|--------|-----|-------|-----|------|-----|--------|-----|-----------|-----|
|                       | Planted |     | Emerged |     | Silked |     | Dough |     | Dent |     | Mature |     | Harvested |     |
|                       | 2003    | Avg | 2003    | Avg | 2003   | Avg | 2003  | Avg | 2003 | Avg | 2003   | Avg | 2003      | Avg |
| 2003:                 |         |     |         |     |        |     |       |     |      |     |        |     |           |     |
| Apr 13                | 5       | 4   |         |     |        |     |       |     |      |     |        |     |           |     |
| Apr 20                | 12      | 10  |         |     |        |     |       |     |      |     |        |     |           |     |
| Apr 27                | 29      | 23  | 6       | 6   |        |     |       |     |      |     |        |     |           |     |
| May 4 ...             | 55      | 46  | 13      | 13  |        |     |       |     |      |     |        |     |           |     |
| May 11                | 64      | 67  | 24      | 29  |        |     |       |     |      |     |        |     |           |     |
| May 18                | 77      | 81  | 43      | 51  |        |     |       |     |      |     |        |     |           |     |
| May 25 ...            | 88      | 91  | 64      | 71  |        |     |       |     |      |     |        |     |           |     |
| Jun 1 ...             | 95      | 96  | 81      | 85  |        |     |       |     |      |     |        |     |           |     |
| Jun 8 ...             |         |     | 91      | 94  |        |     |       |     |      |     |        |     |           |     |
| Jun 15                |         |     | 96      | 98  |        |     |       |     |      |     |        |     |           |     |
| Jun 22                |         |     |         |     |        |     |       |     |      |     |        |     |           |     |
| Jun 29                |         |     |         |     | 5      | 5   |       |     |      |     |        |     |           |     |
| Jul 6 ...             |         |     |         |     | 9      | 12  |       |     |      |     |        |     |           |     |
| Jul 13                |         |     |         |     | 19     | 28  | 3     | 4   |      |     |        |     |           |     |
| Jul 20                |         |     |         |     | 42     | 53  | 6     | 8   |      |     |        |     |           |     |
| Jul 27                |         |     |         |     | 70     | 78  | 10    | 16  |      |     |        |     |           |     |
| Aug 3 ...             |         |     |         |     | 86     | 91  | 19    | 29  |      |     |        |     |           |     |
| Aug 10                |         |     |         |     | 95     | 97  | 35    | 48  | 9    | 15  |        |     |           |     |
| Aug 17                |         |     |         |     |        |     | 57    | 67  | 18   | 28  |        |     |           |     |
| Aug 24                |         |     |         |     |        |     | 76    | 82  | 34   | 46  | 7      | 9   |           |     |
| Aug 31                |         |     |         |     |        |     | 90    | 92  | 57   | 65  | 13     | 17  |           |     |
| Sep 7 ...             |         |     |         |     |        |     | 95    | 96  | 74   | 80  | 23     | 30  |           |     |
| Sep 14                |         |     |         |     |        |     |       |     | 88   | 91  | 40     | 49  |           |     |
| Sep 21                |         |     |         |     |        |     |       |     | 95   | 96  | 60     | 69  | 7         | 9   |
| Sep 28                |         |     |         |     |        |     |       |     |      |     | 79     | 84  | 18        | 23  |
| Oct 5 ...             |         |     |         |     |        |     |       |     |      |     | 90     | 93  | 27        | 33  |
| Oct 12                |         |     |         |     |        |     |       |     |      |     | 95     | 97  | 39        | 44  |
| Oct 19                |         |     |         |     |        |     |       |     |      |     |        |     | 56        | 58  |
| Oct 26                |         |     |         |     |        |     |       |     |      |     |        |     | 72        | 72  |
| Nov 2 ...             |         |     |         |     |        |     |       |     |      |     |        |     | 85        | 83  |
| Nov 9 ...             |         |     |         |     |        |     |       |     |      |     |        |     | 91        | 91  |
| Nov 16                |         |     |         |     |        |     |       |     |      |     |        |     | 95        | 95  |

See footnote at end of table.

**Table 15-38.—U.S. crop progress: 2003 crop and 5-year average—Continued**  
[In percent]

| Week-end-<br>ing date | Soybeans |       |         |       |          |       |          |       |           |       |           |       |
|-----------------------|----------|-------|---------|-------|----------|-------|----------|-------|-----------|-------|-----------|-------|
|                       | Planted  |       | Emerged |       | Blooming |       | Pods set |       | Leaf drop |       | Harvested |       |
|                       | 2003     | Avg   | 2003    | Avg   | 2003     | Avg   | 2003     | Avg   | 2003      | Avg   | 2003      | Avg   |
| 2003:                 |          |       |         |       |          |       |          |       |           |       |           |       |
| Apr 27 .....          | 3        | 3     | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| May 4 .....           | 11       | 11    | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| May 11 .....          | 16       | 26    | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| May 18 .....          | 25       | 44    | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| May 25 .....          | 50       | 62    | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Jun 1 .....           | 74       | 77    | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Jun 8 .....           | 84       | 87    | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Jun 15 .....          | 89       | 92    | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Jun 22 .....          | 94       | 96    | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Jun 29 .....          | 96       | 98    | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Jul 6 .....           | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Jul 13 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Jul 20 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Jul 27 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Aug 3 .....           | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Aug 10 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Aug 17 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Aug 24 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Aug 31 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Sep 7 .....           | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Sep 14 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Sep 21 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Sep 28 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Oct 5 .....           | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Oct 12 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Oct 19 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Oct 26 .....          | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Nov 2 .....           | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |
| Nov 9 .....           | .....    | ..... | .....   | ..... | .....    | ..... | .....    | ..... | .....     | ..... | .....     | ..... |

  

| Week-end-<br>ing date | Cotton  |       |          |       |           |       |            |       |           |       |
|-----------------------|---------|-------|----------|-------|-----------|-------|------------|-------|-----------|-------|
|                       | Planted |       | Squaring |       | Bolls set |       | Bolls open |       | Harvested |       |
|                       | 2003    | Avg   | 2003     | Avg   | 2003      | Avg   | 2003       | Avg   | 2003      | Avg   |
| 2003:                 |         |       |          |       |           |       |            |       |           |       |
| Apr 6 .....           | 5       | 5     | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Apr 13 .....          | 8       | 8     | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Apr 20 .....          | 12      | 12    | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Apr 27 .....          | 18      | 19    | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| May 4 .....           | 32      | 31    | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| May 11 .....          | 44      | 47    | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| May 18 .....          | 58      | 64    | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| May 25 .....          | 70      | 77    | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Jun 1 .....           | 82      | 85    | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Jun 8 .....           | 89      | 92    | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Jun 15 .....          | 94      | 96    | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Jun 22 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Jun 29 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Jul 6 .....           | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Jul 13 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Jul 20 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Jul 27 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Aug 3 .....           | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Aug 10 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Aug 17 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Aug 24 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Aug 31 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Sep 7 .....           | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Sep 14 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Sep 21 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Sep 28 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Oct 5 .....           | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Oct 12 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Oct 19 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Oct 26 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Nov 2 .....           | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Nov 9 .....           | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Nov 16 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |
| Nov 23 .....          | .....   | ..... | .....    | ..... | .....     | ..... | .....      | ..... | .....     | ..... |

See footnote at end of table.



**Table 15-38.—U.S. crop progress: 2003 crop and 5-year average—Continued**  
[In percent]

| Week-ending date | Oats    |     |          |     |        |     |           |     | Barley  |     |          |     |        |     |           |     |
|------------------|---------|-----|----------|-----|--------|-----|-----------|-----|---------|-----|----------|-----|--------|-----|-----------|-----|
|                  | Planted |     | Emerg ed |     | Headed |     | Harvested |     | Planted |     | Emerg ed |     | Headed |     | Harvested |     |
|                  | 2003    | Avg | 2003     | Avg | 2003   | Avg | 2003      | Avg | 2003    | Avg | 2003     | Avg | 2003   | Avg | 2003      | Avg |
| 2003:            |         |     |          |     |        |     |           |     |         |     |          |     |        |     |           |     |
| Mar 30 .....     | 1       | 4   |          |     |        |     |           |     |         |     |          |     |        |     |           |     |
| Apr 6 .....      | 8       | 10  |          |     |        |     |           |     | 7       | 6   |          |     |        |     |           |     |
| Apr 13 .....     | 16      | 18  |          |     |        |     |           |     | 13      | 11  |          |     |        |     |           |     |
| Apr 20 .....     | 34      | 28  | 7        | 7   |        |     |           |     | 22      | 18  |          |     |        |     |           |     |
| Apr 27 .....     | 52      | 44  | 17       | 17  |        |     |           |     | 41      | 31  | 12       | 10  |        |     |           |     |
| May 4 .....      | 73      | 63  | 37       | 31  |        |     |           |     | 56      | 49  | 25       | 21  |        |     |           |     |
| May 11 .....     | 79      | 76  | 54       | 51  |        |     |           |     | 63      | 63  | 39       | 35  |        |     |           |     |
| May 18 .....     | 87      | 86  | 70       | 67  |        |     |           |     | 75      | 77  | 51       | 50  |        |     |           |     |
| May 25 .....     | 94      | 93  | 82       | 81  |        |     |           |     | 90      | 88  | 70       | 66  |        |     |           |     |
| Jun 1 .....      | 98      | 97  | 92       | 90  |        |     |           |     | 98      | 95  | 87       | 81  |        |     |           |     |
| Jun 8 .....      |         |     | 97       | 96  |        |     |           |     |         |     | 94       | 92  |        |     |           |     |
| Jun 15 .....     |         |     |          |     | 17     | 21  |           |     |         |     | 98       | 97  | 8      | NA  |           |     |
| Jun 22 .....     |         |     |          |     | 41     | 40  |           |     |         |     |          |     | 22     | 20  |           |     |
| Jun 29 .....     |         |     |          |     | 65     | 62  |           |     |         |     |          |     | 42     | 34  |           |     |
| Jul 6 .....      |         |     |          |     | 83     | 78  |           |     |         |     |          |     | 65     | 54  |           |     |
| Jul 13 .....     |         |     |          |     | 93     | 89  | 2         | 4   |         |     |          |     | 84     | 76  |           |     |
| Jul 20 .....     |         |     |          |     | 97     | 95  | 6         | 13  |         |     |          |     | 93     | 90  |           |     |
| Jul 27 .....     |         |     |          |     |        |     | 20        | 28  |         |     |          |     | 99     | 96  |           |     |
| Aug 3 .....      |         |     |          |     |        |     | 40        | 47  |         |     |          |     |        |     | 13        | 11  |
| Aug 10 .....     |         |     |          |     |        |     | 57        | 65  |         |     |          |     |        |     | 32        | 25  |
| Aug 17 .....     |         |     |          |     |        |     | 78        | 80  |         |     |          |     |        |     | 60        | 42  |
| Aug 24 .....     |         |     |          |     |        |     | 91        | 89  |         |     |          |     |        |     | 82        | 61  |
| Sep 1 .....      |         |     |          |     |        |     | 92        | 95  |         |     |          |     |        |     | 71        | 81  |
| Sep 8 .....      |         |     |          |     |        |     |           |     |         |     |          |     |        |     | 82        | 89  |
| Sep 15 .....     |         |     |          |     |        |     |           |     |         |     |          |     |        |     | 91        | 94  |
| Sep 22 .....     |         |     |          |     |        |     |           |     |         |     |          |     |        |     | 97        | 98  |

| Week-end-<br>ing date | Peanuts |     |         |     |           |     |
|-----------------------|---------|-----|---------|-----|-----------|-----|
|                       | Planted |     | Pegging |     | Harvested |     |
|                       | 2003    | Avg | 2003    | Avg | 2003      | Avg |
| 2003:                 |         |     |         |     |           |     |
| Apr 27 .....          | 4       | 5   |         |     |           |     |
| May 4 .....           | 9       | 16  |         |     |           |     |
| May 11 .....          | 26      | 35  |         |     |           |     |
| May 18 .....          | 54      | 60  |         |     |           |     |
| May 25 .....          | 75      | 78  |         |     |           |     |
| Jun 1 .....           | 89      | 89  |         |     |           |     |
| Jun 8 .....           | 96      | 94  |         |     |           |     |
| Jun 15 .....          |         |     | 7       | NA  |           |     |
| Jun 22 .....          |         |     | 12      | 19  |           |     |
| Jun 29 .....          |         |     | 25      | 33  |           |     |
| Jul 6 .....           |         |     | 42      | 48  |           |     |
| Jul 13 .....          |         |     | 55      | 63  |           |     |
| Jul 20 .....          |         |     | 75      | 77  |           |     |
| Jul 27 .....          |         |     | 85      | 86  |           |     |
| Aug 3 .....           |         |     | 92      | 92  |           |     |
| Aug 10 .....          |         |     | 96      | 95  |           |     |
| Aug 17 .....          |         |     |         |     |           |     |
| Aug 24 .....          |         |     |         |     |           |     |
| Aug 31 .....          |         |     |         |     |           |     |
| Sep 7 .....           |         |     |         |     |           |     |
| Sep 14 .....          |         |     |         |     | 3         | 8   |
| Sep 21 .....          |         |     |         |     | 11        | 16  |
| Sep 28 .....          |         |     |         |     | 22        | 24  |
| Oct 5 .....           |         |     |         |     | 36        | 36  |
| Oct 12 .....          |         |     |         |     | 47        | 49  |
| Oct 19 .....          |         |     |         |     | 59        | 63  |
| Oct 26 .....          |         |     |         |     | 73        | 75  |
| Nov 2 .....           |         |     |         |     | 83        | 82  |
| Nov 9 .....           |         |     |         |     | 91        | 88  |
| Nov 16 .....          |         |     |         |     | 95        | 92  |

<sup>1</sup> Planted the preceding fall. NA-not available.  
NASS, Crops Branch, (202) 720-2127.

## CHAPTER II

# STATISTICS OF COTTON, TOBACCO, SUGAR CROPS, AND HONEY

In addition to tables on cotton, tobacco, sugar, and honey, this chapter includes tables on fibers other than cotton and syrups. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

**Table 2-1.—Cotton: Area, yield, production, market year average price, and value, United States, 1994–2003**

| Year                    | Area               |                    | Yield per harvested acre | Production                     | Marketing year average price per pound received by farmers <sup>1</sup> | Value of production <sup>1</sup> |
|-------------------------|--------------------|--------------------|--------------------------|--------------------------------|---|----------------------------------|
|                         | Planted            | Harvested          |                          |                                |   |                                  |
|                         | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>            | <i>1,000 bales<sup>2</sup></i> | <i>Cents</i>  | <i>1,000 dollars</i>             |
| 1994 .....              | 13,720.1           | 13,322.3           | 708                      | 19,662.0                       | 72.0  | 6,796,654                        |
| 1995 .....              | 16,931.4           | 16,006.7           | 537                      | 17,899.8                       | 76.5  | 6,574,612                        |
| 1996 .....              | 14,652.5           | 12,888.1           | 705                      | 18,942.0                       | 70.5  | 6,408,144                        |
| 1997 .....              | 13,898.0           | 13,406.0           | 673                      | 18,793.0                       | 66.2  | 5,975,585                        |
| 1998 .....              | 13,392.5           | 10,683.6           | 625                      | 13,918.2                       | 61.7  | 4,119,911                        |
| 1999 .....              | 14,873.5           | 13,424.9           | 607                      | 16,968.0                       | 46.8  | 3,809,560                        |
| 2000 .....              | 15,517.2           | 13,053.0           | 632                      | 17,188.3                       | 51.6  | 4,260,417                        |
| 2001 .....              | 15,768.5           | 13,827.7           | 705                      | 20,302.8                       | 32.0  | 3,121,848                        |
| 2002 .....              | 13,957.9           | 12,416.6           | 665                      | 17,208.6                       | 45.7  | 3,777,132                        |
| 2003 <sup>3</sup> ..... | 13,483.1           | 12,058.0           | 725                      | 18,224.0                       | 63.8  | 5,581,619                        |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be re-leased in October 2004. <sup>2</sup> 480-pound net weight bales. <sup>3</sup> Preliminary.  
NASS, Crops Branch, (202) 720–2127.

**Table 2-2.—Cotton: Area, yield, and production, by type, State, and United States, 2001–2003**

| State          | Area planted       |                    |                    | Area harvested     |                    |                    | Yield per harvested acre |               |                   | Production <sup>1</sup>        |                                |                                |
|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|---------------|-------------------|--------------------------------|--------------------------------|--------------------------------|
|                | 2001               | 2002               | 2003 <sup>2</sup>  | 2001               | 2002               | 2003 <sup>2</sup>  | 2001                     | 2002          | 2003 <sup>2</sup> | 2001                           | 2002                           | 2003 <sup>2</sup>              |
|                | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>            | <i>Pounds</i> | <i>Pounds</i>     | <i>1,000 bales<sup>3</sup></i> | <i>1,000 bales<sup>3</sup></i> | <i>1,000 bales<sup>3</sup></i> |
| Upland:        |                    |                    |                    |                    |                    |                    |                          |               |                   |                                |                                |                                |
| AL .....       | 610.0              | 590.0              | 525.0              | 605.0              | 540.0              | 510.0              | 730                      | 507           | 772               | 920.0                          | 570.0                          | 820.0                          |
| AZ .....       | 295.0              | 215.0              | 215.0              | 290.0              | 213.0              | 213.0              | 1,142                    | 1,381         | 1,262             | 690.0                          | 613.0                          | 560.0                          |
| AR .....       | 1,080.0            | 960.0              | 980.0              | 1,065.0            | 920.0              | 945.0              | 826                      | 871           | 914               | 1,833.0                        | 1,669.0                        | 1,800.0                        |
| CA .....       | 630.0              | 480.0              | 550.0              | 625.0              | 477.0              | 545.0              | 1,359                    | 1,469         | 1,321             | 1,770.0                        | 1,460.0                        | 1,500.0                        |
| FL .....       | 125.0              | 120.0              | 94.0               | 124.0              | 105.0              | 92.0               | 612                      | 439           | 678               | 158.0                          | 96.0                           | 130.0                          |
| GA .....       | 1,490.0            | 1,450.0            | 1,300.0            | 1,480.0            | 1,360.0            | 1,290.0            | 720                      | 557           | 781               | 2,220.0                        | 1,578.0                        | 2,100.0                        |
| KS .....       | 40.5               | 80.0               | 90.0               | 35.5               | 68.0               | 80.0               | 407                      | 539           | 600               | 30.1                           | 76.3                           | 100.0                          |
| LA .....       | 870.0              | 520.0              | 525.0              | 855.0              | 495.0              | 510.0              | 580                      | 717           | 955               | 1,034.0                        | 739.0                          | 1,015.0                        |
| MS .....       | 1,620.0            | 1,170.0            | 1,110.0            | 1,600.0            | 1,150.0            | 1,090.0            | 719                      | 808           | 925               | 2,396.0                        | 1,935.0                        | 2,100.0                        |
| MO .....       | 405.0              | 380.0              | 400.0              | 400.0              | 368.0              | 390.0              | 834                      | 796           | 874               | 695.0                          | 610.0                          | 710.0                          |
| NM .....       | 68.0               | 54.0               | 56.0               | 65.0               | 50.0               | 42.0               | 916                      | 816           | 857               | 124.0                          | 85.0                           | 75.0                           |
| NC .....       | 970.0              | 940.0              | 810.0              | 965.0              | 920.0              | 770.0              | 832                      | 421           | 686               | 1,673.0                        | 806.0                          | 1,100.0                        |
| OK .....       | 270.0              | 200.0              | 180.0              | 185.0              | 180.0              | 170.0              | 511                      | 557           | 593               | 197.0                          | 209.0                          | 210.0                          |
| SC .....       | 300.0              | 290.0              | 220.0              | 296.0              | 200.0              | 218.0              | 686                      | 314           | 727               | 423.0                          | 131.0                          | 330.0                          |
| TN .....       | 620.0              | 565.0              | 560.0              | 615.0              | 530.0              | 530.0              | 763                      | 741           | 792               | 978.0                          | 818.0                          | 875.0                          |
| TX .....       | 6,000.0            | 5,600.0            | 5,600.0            | 4,250.0            | 4,500.0            | 4,400.0            | 481                      | 538           | 464               | 4,260.0                        | 5,040.0                        | 4,250.0                        |
| VA .....       | 105.0              | 100.0              | 89.0               | 104.0              | 98.0               | 85.0               | 929                      | 465           | 678               | 201.3                          | 95.0                           | 120.0                          |
| US .....       | 15,498.5           | 13,714.0           | 13,304.0           | 13,559.5           | 12,174.0           | 11,880.0           | 694                      | 652           | 719               | 19,602.4                       | 16,530.3                       | 17,795.0                       |
| American-Pima: |                    |                    |                    |                    |                    |                    |                          |               |                   |                                |                                |                                |
| AZ .....       | 7.8                | 8.3                | 3.0                | 7.5                | 8.2                | 3.0                | 928                      | 1,013         | 960               | 14.5                           | 17.3                           | 6.0                            |
| CA .....       | 240.0              | 210.0              | 150.0              | 239.0              | 209.0              | 149.0              | 1,283                    | 1,386         | 1,192             | 639.0                          | 603.3                          | 370.0                          |
| NM .....       | 5.2                | 7.1                | 6.1                | 5.2                | 7.1                | 6.0                | 969                      | 1,041         | 880               | 10.5                           | 15.4                           | 11.0                           |
| TX .....       | 17.0               | 18.5               | 20.0               | 16.5               | 18.3               | 20.0               | 1,059                    | 1,110         | 1,008             | 36.4                           | 42.3                           | 42.0                           |
| US .....       | 270.0              | 243.9              | 179.1              | 268.2              | 242.6              | 178.0              | 1,254                    | 1,342         | 1,157             | 700.4                          | 678.3                          | 429.0                          |
| US, all ..     | 15,768.5           | 13,957.9           | 13,483.1           | 13,827.7           | 12,416.6           | 12,058.0           | 705                      | 665           | 725               | 20,302.8                       | 17,208.6                       | 18,224.0                       |

<sup>1</sup> Production ginned and to be ginned. <sup>2</sup> Preliminary. <sup>3</sup> 480-pound net weight bales.  
NASS, Crops Branch, (202) 720–2127.

**Table 2-3.—Cotton: Marketing year average price per pound, and value, by State and United States, crop of 2001, 2002, and 2003<sup>1</sup>**

| State                 | Marketing year average price per pound |                |                   | Value of production  |                      |                      |
|-----------------------|--|----------------|-------------------|----------------------|----------------------|----------------------|
|                       | 2001                                   | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|                       | <i>Dollars</i>                         | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| <b>Upland:</b>        |  |                |                   |                      |                      |                      |
| AL .....              | 0.277                                  | 0.435          | 0.590             | 122,323              | 119,016              | 232,224              |
| AZ .....              | 0.284                                  | 0.463          | 0.692             | 94,061               | 136,233              | 186,010              |
| AR .....              | 0.280                                  | 0.446          | 0.649             | 246,355              | 357,300              | 560,736              |
| CA .....              | 0.416                                  | 0.573          | 0.773             | 353,434              | 401,558              | 556,560              |
| FL .....              | 0.295                                  | 0.440          | 0.655             | 22,373               | 20,275               | 40,872               |
| GA .....              | 0.306                                  | 0.443          | 0.614             | 326,074              | 335,546              | 618,912              |
| KS .....              | 0.295                                  | 0.420          | 0.610             | 4,262                | 15,382               | 29,280               |
| LA .....              | 0.281                                  | 0.440          | 0.613             | 139,466              | 156,077              | 298,654              |
| MS .....              | 0.265                                  | 0.440          | 0.608             | 304,771              | 408,672              | 612,864              |
| MO .....              | 0.300                                  | 0.443          | 0.620             | 100,080              | 129,710              | 211,296              |
| NM .....              | 0.341                                  | 0.532          | 0.632             | 20,296               | 21,706               | 22,752               |
| NC .....              | 0.317                                  | 0.422          | 0.647             | 254,564              | 163,263              | 341,616              |
| OK .....              | 0.295                                  | 0.420          | 0.610             | 27,895               | 42,134               | 61,488               |
| SC .....              | 0.320                                  | 0.410          | 0.623             | 64,973               | 25,781               | 98,683               |
| TN .....              | 0.305                                  | 0.453          | 0.593             | 143,179              | 177,866              | 249,060              |
| TX .....              | 0.284                                  | 0.400          | 0.582             | 580,723              | 967,680              | 1,187,280            |
| VA .....              | 0.301                                  | 0.415          | 0.641             | 29,084               | 18,924               | 36,922               |
| US .....              | 0.298                                  | 0.445          | 0.629             | 2,833,913            | 3,497,123            | 5,345,209            |
| <b>American-Pima:</b> |  |                |                   |                      |                      |                      |
| AZ .....              | 0.848                                  | 0.885          | 1.050             | 5,902                | 7,349                | 3,024                |
| CA .....              | 0.856                                  | 0.860          | 1.160             | 262,552              | 249,042              | 206,016              |
| NM .....              | 0.877                                  | 0.841          | 1.060             | 4,420                | 6,217                | 5,597                |
| TX .....              | 0.862                                  | 0.857          | 1.080             | 15,061               | 17,401               | 21,773               |
| US .....              | 0.856                                  | 0.860          | 1.150             | 287,935              | 280,009              | 236,410              |
| US, all .....         | 0.320                                  | 0.457          | 0.638             | 3,121,848            | 3,777,132            | 5,581,619            |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 2-4.—Cotton, American upland: Support operations, United States, 1994-2003**

| Marketing Year beginning August 1 | Income support payment rates per pound <sup>1</sup> | Program price levels per pound |                     | Put under Loan <sup>4</sup> |                          | Acquired by CCC under loan program <sup>5</sup> | Owned by CCC at end of marketing year |
|-----------------------------------|---|--------------------------------|---------------------|-----------------------------|--------------------------|---|---------------------------------------|
|                                   |   | Loan <sup>2</sup>              | Target <sup>3</sup> | Quantity                    | Percentage of production |   |                                       |
|                                   |   |                                |                     |                             |                          |   |                                       |
|                                   | <i>Cents</i>  | <i>Cents</i>                   | <i>Cents</i>        |                             |                          | <i>1,000 bales<sup>6</sup></i>                  | <i>1,000 bales<sup>6</sup></i>        |
| 1994/95 .....                     | 4.60  | 50.00                          | 72.90               | 4,716                       | 24.4                     | (?)   | (?)                                   |
| 1995/96 .....                     | 0.00  | 51.92                          | 72.90               | 3,478                       | 19.8                     | 0   | 0                                     |
| 1996/97 .....                     | 8.88  | 51.92                          | NA                  | 3,340                       | 18.1                     | 0   | 0                                     |
| 1997/98 .....                     | 7.63  | 51.92                          | NA                  | 4,281                       | 23.5                     | 1.3   | 0                                     |
| 1998/99 .....                     | 12.24   | 51.92                          | NA                  | 4,724                       | 36.8                     | 31  | 3                                     |
| 1999/2000 .....                   | 15.76   | 51.92                          | NA                  | 8,721                       | 54.9                     | 0   | 1                                     |
| 2000/2001 .....                   | 15.21   | 51.92                          | NA                  | 8,837                       | 52.6                     | 89  | 5                                     |
| 2001/2002 .....                   | 12.66   | 51.92                          | NA                  | 13,655                      | 69.7                     | 257   | 2                                     |
| 2002/2003 .....                   | 6.67/13.73  | 52.00                          | 74.20               | 12,740                      | 77.1                     | 44  | 106                                   |
| 2003/2004 .....                   | 6.67/---  | 52.00                          | 74.20               | .....                       | .....                    | .....   | .....                                 |

<sup>1</sup> Payment rates for the 1995/96 & prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and included supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the provisions of the Direct Payment program, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act) and includes a PFC payment rate for 2002 only. Payment rates are rounded to the nearest thousandth of a cent. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Between the 1996/97 and 2001/2002 marketing years, target prices were no longer applicable; however, with enactment of the 2002 Act, target prices were reestablished. <sup>4</sup> Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. <sup>5</sup> Acquisitions from the crop harvested in the year indicated. <sup>6</sup> Running bales. <sup>7</sup> Less than 500 bales. NA-not applicable.

FSA, Fiber Analysis Group, (202) 720-7954.

**Table 2-5.—Cotton: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>**

| Continent and country          | Area <sup>2</sup>      |                        |                            | Yield per hectare |                |                            | Production                  |                             |                             |
|--------------------------------|------------------------|------------------------|----------------------------|-------------------|----------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|
|                                | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001               | 2001/<br>2002               | 2002/<br>2003 <sup>3</sup>  |
|                                | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares     | Kilo-<br>grams    | Kilo-<br>grams | Kilo-<br>grams             | 1,000<br>bales <sup>3</sup> | 1,000<br>bales <sup>3</sup> | 1,000<br>bales <sup>3</sup> |
| <b>North America:</b>          |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Mexico .....                   | 81                     | 82                     | 38                         | 1,059             | 1,147          | 1,112                      | 394                         | 432                         | 194                         |
| United States .....            | 5,282                  | 5,596                  | 5,029                      | 708               | 790            | 745                        | 17,188                      | 20,303                      | 17,209                      |
| <b>Total .....</b>             | <b>5,363</b>           | <b>5,678</b>           | <b>5,067</b>               | <b>714</b>        | <b>795</b>     | <b>748</b>                 | <b>17,582</b>               | <b>20,735</b>               | <b>17,403</b>               |
| <b>South America:</b>          |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Argentina .....                | 385                    | 165                    | 148                        | 429               | 396            | 427                        | 758                         | 300                         | 290                         |
| Bolivia .....                  | 10                     | 10                     | 10                         | 436               | 501            | 501                        | 20                          | 23                          | 23                          |
| Brazil .....                   | 853                    | 748                    | 735                        | 1,101             | 1,024          | 1,152                      | 4,312                       | 3,519                       | 3,890                       |
| Colombia .....                 | 46                     | 46                     | 51                         | 611               | 587            | 598                        | 129                         | 124                         | 140                         |
| Ecuador .....                  | 15                     | 15                     | 15                         | 290               | 305            | 305                        | 20                          | 21                          | 21                          |
| Paraguay .....                 | 300                    | 150                    | 170                        | 327               | 319            | 352                        | 450                         | 220                         | 275                         |
| Peru .....                     | 75                     | 75                     | 75                         | 537               | 534            | 534                        | 185                         | 184                         | 184                         |
| Venezuela .....                | 30                     | 30                     | 30                         | 363               | 363            | 363                        | 50                          | 50                          | 50                          |
| <b>Total .....</b>             | <b>1,714</b>           | <b>1,239</b>           | <b>1,234</b>               | <b>753</b>        | <b>780</b>     | <b>860</b>                 | <b>5,924</b>                | <b>4,441</b>                | <b>4,873</b>                |
| <b>Central America:</b>        |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Costa Rica .....               | 1                      | 1                      | 1                          | 218               | 218            | 218                        | 1                           | 1                           | 1                           |
| El Salvador .....              | 1                      | 1                      | 1                          | 218               | 218            | 218                        | 1                           | 1                           | 1                           |
| Guatemala .....                | 2                      | 2                      | 2                          | 327               | 327            | 327                        | 3                           | 3                           | 3                           |
| Honduras .....                 | 2                      | 2                      | 2                          | 980               | 436            | 436                        | 9                           | 4                           | 4                           |
| Nicaragua .....                | 4                      | 4                      | 4                          | 544               | 544            | 544                        | 10                          | 10                          | 10                          |
| <b>Total .....</b>             | <b>10</b>              | <b>10</b>              | <b>10</b>                  | <b>523</b>        | <b>414</b>     | <b>414</b>                 | <b>24</b>                   | <b>19</b>                   | <b>19</b>                   |
| <b>Caribbean:</b>              |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Cuba .....                     | 4                      | 4                      | 4                          | 109               | 218            | 218                        | 2                           | 4                           | 4                           |
| Dominican Rep .....            | 4                      | 4                      | 4                          | 163               | 163            | 163                        | 3                           | 3                           | 3                           |
| Haiti .....                    | 7                      | 7                      | 7                          | 156               | 156            | 156                        | 5                           | 5                           | 5                           |
| <b>Total .....</b>             | <b>15</b>              | <b>15</b>              | <b>15</b>                  | <b>145</b>        | <b>174</b>     | <b>174</b>                 | <b>10</b>                   | <b>12</b>                   | <b>12</b>                   |
| <b>European Union:</b>         |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Greece .....                   | 410                    | 410                    | 367                        | 1,081             | 1,111          | 1,017                      | 2,035                       | 2,093                       | 1,715                       |
| Italy .....                    | 1                      | 1                      | 1                          | 218               | 218            | 218                        | 1                           | 1                           | 1                           |
| Spain .....                    | 90                     | 90                     | 85                         | 1,021             | 1,188          | 1,127                      | 422                         | 491                         | 440                         |
| <b>Total .....</b>             | <b>501</b>             | <b>501</b>             | <b>453</b>                 | <b>1,068</b>      | <b>1,123</b>   | <b>1,036</b>               | <b>2,458</b>                | <b>2,585</b>                | <b>2,156</b>                |
| <b>EU Expansion Countries:</b> |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Cyprus .....                   | 1                      | 1                      | 1                          | 218               | 218            | 218                        | 1                           | 1                           | 1                           |
| <b>Other Europe:</b>           |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Albania .....                  | 1                      | 1                      | 1                          | 218               | 218            | 218                        | 1                           | 1                           | 1                           |
| Bulgaria .....                 | 15                     | 15                     | 15                         | 435               | 435            | 435                        | 30                          | 30                          | 30                          |
| <b>Total .....</b>             | <b>16</b>              | <b>16</b>              | <b>16</b>                  | <b>422</b>        | <b>422</b>     | <b>422</b>                 | <b>31</b>                   | <b>31</b>                   | <b>31</b>                   |
| <b>Former USSR:</b>            |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Azerbaijan, Rep .....          | 91                     | 82                     | 65                         | 347               | 385            | 469                        | 145                         | 145                         | 140                         |
| Kazakhstan, Rep .....          | 153                    | 184                    | 165                        | 569               | 769            | 640                        | 400                         | 650                         | 485                         |
| Kyrgyzstan, Rep .....          | 34                     | 37                     | 29                         | 832               | 824            | 751                        | 130                         | 140                         | 100                         |
| Tajikistan, Rep .....          | 239                    | 245                    | 265                        | 442               | 591            | 596                        | 485                         | 665                         | 725                         |
| Turkmenistan .....             | 475                    | 515                    | 490                        | 378               | 359            | 307                        | 825                         | 850                         | 690                         |
| Uzbekistan, Rep .....          | 1,415                  | 1,430                  | 1,420                      | 677               | 746            | 705                        | 4,400                       | 4,900                       | 4,600                       |
| <b>Total .....</b>             | <b>2,407</b>           | <b>2,493</b>           | <b>2,434</b>               | <b>578</b>        | <b>642</b>     | <b>603</b>                 | <b>6,385</b>                | <b>7,350</b>                | <b>6,740</b>                |
| <b>Middle East:</b>            |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Iran .....                     | 260                    | 200                    | 160                        | 615               | 626            | 626                        | 735                         | 575                         | 460                         |
| Iraq .....                     | 20                     | 20                     | 20                         | 435               | 348            | 327                        | 40                          | 32                          | 30                          |
| Israel .....                   | 10                     | 15                     | 13                         | 1,633             | 1,452          | 1,340                      | 75                          | 100                         | 80                          |
| Syria .....                    | 270                    | 257                    | 186                        | 1,351             | 1,406          | 1,318                      | 1,675                       | 1,660                       | 1,126                       |
| Turkey .....                   | 654                    | 693                    | 700                        | 1,198             | 1,249          | 1,286                      | 3,600                       | 3,975                       | 4,134                       |
| Yemen .....                    | 40                     | 40                     | 40                         | 354               | 354            | 354                        | 65                          | 65                          | 65                          |
| <b>Total .....</b>             | <b>1,254</b>           | <b>1,225</b>           | <b>1,119</b>               | <b>1,075</b>      | <b>1,139</b>   | <b>1,147</b>               | <b>6,190</b>                | <b>6,407</b>                | <b>5,895</b>                |

See footnotes at end of table.

**Table 2-5.—Cotton: Area, yield, and production in specified countries, 2000/2001–2002/2003<sup>1</sup>—Continued**

| Continent and country    | Area                   |                        |                            | Yield per hectare |                |                            | Bales                       |                             |                             |
|--------------------------|------------------------|------------------------|----------------------------|-------------------|----------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|
|                          | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>2</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>2</sup> | 2000/<br>2001               | 2001/<br>2002               | 2002/<br>2003 <sup>2</sup>  |
|                          | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares     | Kilo-<br>grams    | Kilo-<br>grams | Kilo-<br>grams             | 1,000<br>bales <sup>3</sup> | 1,000<br>bales <sup>3</sup> | 1,000<br>bales <sup>3</sup> |
| <b>Africa:</b>           |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Angola .....             | 10                     | 10                     | 10                         | 436               | 436            | 436                        | 20                          | 20                          | 20                          |
| Benin .....              | 380                    | 390                    | 350                        | 344               | 447            | 420                        | 600                         | 800                         | 675                         |
| Burkina .....            | 275                    | 350                    | 350                        | 416               | 451            | 467                        | 525                         | 725                         | 750                         |
| Cameroon .....           | 200                    | 200                    | 200                        | 468               | 490            | 463                        | 430                         | 450                         | 425                         |
| Central Africa .....     | 65                     | 70                     | 50                         | 134               | 156            | 152                        | 40                          | 50                          | 35                          |
| Chad .....               | 400                    | 425                    | 425                        | 163               | 166            | 166                        | 300                         | 325                         | 325                         |
| Congo Dem. ....          | 30                     | 30                     | 30                         | 109               | 109            | 109                        | 15                          | 15                          | 15                          |
| Cote d'Ivoire .....      | 300                    | 300                    | 300                        | 417               | 508            | 399                        | 575                         | 700                         | 550                         |
| Egypt .....              | 223                    | 315                    | 302                        | 898               | 996            | 944                        | 920                         | 1,441                       | 1,310                       |
| Ethiopia .....           | 60                     | 60                     | 60                         | 254               | 254            | 254                        | 70                          | 70                          | 70                          |
| Ghana .....              | 40                     | 40                     | 40                         | 381               | 381            | 381                        | 70                          | 70                          | 70                          |
| Guinea .....             | 19                     | 19                     | 19                         | 424               | 424            | 424                        | 37                          | 37                          | 37                          |
| Kenya .....              | 37                     | 37                     | 37                         | 118               | 118            | 118                        | 20                          | 20                          | 20                          |
| Madagascar .....         | 30                     | 30                     | 30                         | 435               | 435            | 435                        | 60                          | 60                          | 60                          |
| Malawi .....             | 70                     | 70                     | 70                         | 124               | 93             | 93                         | 40                          | 30                          | 30                          |
| Morocco .....            | 1                      | 1                      | 1                          | 218               | 218            | 218                        | 1                           | 1                           | 1                           |
| Mozambique .....         | 125                    | 155                    | 155                        | 131               | 155            | 133                        | 75                          | 110                         | 95                          |
| Niger .....              | 5                      | 5                      | 5                          | 218               | 218            | 218                        | 5                           | 5                           | 5                           |
| Nigeria .....            | 350                    | 375                    | 340                        | 249               | 261            | 250                        | 400                         | 450                         | 390                         |
| Senegal .....            | 25                     | 32                     | 42                         | 348               | 442            | 337                        | 40                          | 65                          | 65                          |
| Somalia .....            | 12                     | 12                     | 12                         | 127               | 127            | 127                        | 7                           | 7                           | 7                           |
| South Africa .....       | 68                     | 41                     | 30                         | 496               | 441            | 508                        | 155                         | 83                          | 70                          |
| Sudan .....              | 235                    | 150                    | 180                        | 315               | 399            | 454                        | 340                         | 275                         | 375                         |
| Tanzania .....           | 182                    | 420                    | 387                        | 225               | 119            | 158                        | 188                         | 230                         | 280                         |
| Togo .....               | 125                    | 150                    | 160                        | 392               | 399            | 435                        | 225                         | 275                         | 320                         |
| Tunisia .....            | 2                      | 2                      | 2                          | 1,089             | 1,089          | 1,089                      | 10                          | 10                          | 10                          |
| Uganda .....             | 250                    | 250                    | 250                        | 74                | 78             | 83                         | 85                          | 90                          | 95                          |
| Zambia .....             | 175                    | 200                    | 240                        | 165               | 185            | 218                        | 133                         | 170                         | 240                         |
| Zimbabwe .....           | 390                    | 400                    | 330                        | 307               | 191            | 257                        | 550                         | 350                         | 390                         |
| <b>Total .....</b>       | <b>4,084</b>           | <b>4,539</b>           | <b>4,407</b>               | <b>316</b>        | <b>333</b>     | <b>333</b>                 | <b>5,936</b>                | <b>6,934</b>                | <b>6,735</b>                |
| <b>Asia:</b>             |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Afghanistan .....        | 50                     | 50                     | 50                         | 370               | 370            | 370                        | 85                          | 85                          | 85                          |
| Bangladesh .....         | 16                     | 51                     | 48                         | 463               | 299            | 313                        | 34                          | 70                          | 69                          |
| Burma .....              | 325                    | 320                    | 320                        | 181               | 184            | 184                        | 270                         | 270                         | 270                         |
| China, People .....      | 4,058                  | 4,820                  | 4,184                      | 1,089             | 1,102          | 1,176                      | 20,300                      | 24,400                      | 22,600                      |
| India .....              | 8,576                  | 8,730                  | 7,600                      | 278               | 307            | 304                        | 10,931                      | 12,300                      | 10,600                      |
| Indonesia .....          | 22                     | 17                     | 12                         | 317               | 704            | 671                        | 32                          | 55                          | 37                          |
| Korea, Democr .....      | 19                     | 7                      | 7                          | 527               | 156            | 156                        | 46                          | 5                           | 5                           |
| Korea, Republ .....      | 1                      | 1                      | 1                          | 218               | 218            | 218                        | 1                           | 1                           | 1                           |
| Mali .....               | 275                    | 520                    | 450                        | 380               | 461            | 399                        | 480                         | 1,100                       | 825                         |
| Pakistan .....           | 2,928                  | 3,160                  | 2,800                      | 610               | 572            | 607                        | 8,200                       | 8,300                       | 7,800                       |
| Philippines .....        | 2                      | 4                      | 2                          | 454               | 430            | 325                        | 4                           | 8                           | 3                           |
| Sri Lanka .....          | 5                      | 5                      | 5                          | 218               | 218            | 218                        | 5                           | 5                           | 5                           |
| Thailand .....           | 15                     | 49                     | 35                         | 494               | 449            | 404                        | 34                          | 101                         | 65                          |
| Vietnam .....            | 28                     | 30                     | 32                         | 334               | 348            | 395                        | 43                          | 48                          | 58                          |
| <b>Total .....</b>       | <b>16,320</b>          | <b>17,764</b>          | <b>15,546</b>              | <b>540</b>        | <b>573</b>     | <b>594</b>                 | <b>40,465</b>               | <b>46,748</b>               | <b>42,423</b>               |
| <b>Oceania:</b>          |                        |                        |                            |                   |                |                            |                             |                             |                             |
| Australia .....          | 505                    | 420                    | 225                        | 1,595             | 1,659          | 1,645                      | 3,700                       | 3,200                       | 1,700                       |
| <b>World total .....</b> | <b>32,190</b>          | <b>33,901</b>          | <b>30,527</b>              | <b>600</b>        | <b>632</b>     | <b>628</b>                 | <b>88,706</b>               | <b>98,463</b>               | <b>87,988</b>               |

<sup>1</sup> Harvest season beginning Aug. 1. <sup>2</sup> Preliminary. <sup>3</sup> 480-pound net weight.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 2-6.—Cotton: Supply and distribution, United States, 1993–2002**

| Year beginning August 1 | Supply                                 |                                 |                           | Distribution             |               |             |             |                                       |
|-------------------------|--|---------------------------------|---------------------------|--------------------------|---------------|-------------|-------------|---------------------------------------|
|                         | Beginning of season total <sup>2</sup> | Ginnings in season <sup>1</sup> | Total supply <sup>2</sup> | Consumption <sup>2</sup> |               |             | Exports     | Carryover, end of season <sup>2</sup> |
|                         |  |                                 |                           | Upland                   | American Pima | Total       |             |                                       |
|                         | 1,000 bales                            | 1,000 bales                     | 1,000 bales               | 1,000 bales              | 1,000 bales   | 1,000 bales | 1,000 bales | 1,000 bales                           |
| 1993 .....              | 4,482                                  | 15,789                          | 20,276                    | 9,951                    | 68            | 10,019      | 6,638       | 3,509                                 |
| 1994 .....              | 3,509                                  | 19,031                          | 22,546                    | 10,653                   | 97            | 10,750      | 9,158       | 2,608                                 |
| 1995 .....              | 2,608                                  | 17,500                          | 20,499                    | 10,089                   | 127           | 10,216      | 7,277       | 2,695                                 |
| 1996 .....              | 2,695                                  | 18,393                          | 21,474                    | 10,601                   | 101           | 10,702      | 6,708       | 3,895                                 |
| 1997 .....              | 3,985                                  | 18,445                          | 22,444                    | 10,793                   | 109           | 10,902      | 7,279       | 4,079                                 |
| 1998 .....              | 4,079                                  | 13,469                          | 17,956                    | 10,067                   | 143           | 10,210      | 4,087       | 3,866                                 |
| 1999 .....              | 3,866                                  | 16,692                          | 20,542                    | 9,665                    | 132           | 9,797       | 6,557       | 4,056                                 |
| 2000 .....              | 4,056                                  | 16,596                          | 20,657                    | 8,410                    | 118           | 8,528       | 6,425       | 5,930                                 |
| 2001 .....              | 5,930                                  | 19,729                          | 25,650                    | 7,289                    | 99            | 7,388       | 10,649      | 7,305                                 |
| 2002 <sup>3</sup> ..... | 7,305                                  | 16,683                          | 23,989                    | 7,019                    | 100           | 7,119       | 11,571      | 5,193                                 |

<sup>1</sup>Ginnings during the 12 months, Aug. 1–July 31. Includes an allowance for “city crop” which consists of rebaled samples and pickings from cotton damaged by fire and weather. <sup>2</sup>May include small volume of foreign growths. <sup>3</sup>Preliminary. AMS, Cotton Program, (901) 384–3016. Compiled from reports of the Bureau of the Census.

**Table 2-7.—Cotton, American Upland: Percentage distribution of fiber strength, United States, 1998–2002**

| Fiber strength <sup>1</sup> | Year |      |      |      |      |
|-----------------------------|------|------|------|------|------|
|                             | 1998 | 1999 | 2000 | 2001 | 2002 |
| 17 and below .....          | *    | *    | *    | *    | *    |
| 18 .....                    | *    | *    | *    | *    | *    |
| 19 .....                    | *    | *    | *    | *    | *    |
| 20 .....                    | *    | *    | *    | *    | *    |
| 21 .....                    | *    | *    | *    | *    | *    |
| 22 .....                    | 0.1  | 0.1  | 0.4  | 0.2  | 0.1  |
| 23 .....                    | 0.5  | 0.6  | 1.5  | 0.5  | 0.3  |
| 24 .....                    | 2.5  | 2.2  | 4.5  | 1.7  | 1.5  |
| 25 .....                    | 7.0  | 5.8  | 10.3 | 5.0  | 5.0  |
| 26 .....                    | 14.5 | 11.4 | 17.5 | 11.3 | 10.6 |
| 27 .....                    | 21.3 | 17.1 | 20.6 | 18.6 | 16.7 |
| 28 .....                    | 21.0 | 20.2 | 16.4 | 21.4 | 20.4 |
| 29 .....                    | 14.2 | 17.5 | 9.8  | 17.0 | 17.4 |
| 30 .....                    | 7.2  | 10.8 | 5.5  | 10.0 | 10.8 |
| 31 .....                    | 3.5  | 6.0  | 3.9  | 5.5  | 5.9  |
| 32 .....                    | 2.2  | 3.9  | 3.6  | 3.8  | 3.8  |
| 33 .....                    | 2.2  | 2.5  | 3.0  | 2.7  | 3.1  |
| 34 .....                    | 2.1  | 1.1  | 1.7  | 1.4  | 2.4  |
| 35 .....                    | 1.1  | 0.4  | 0.7  | 0.5  | 1.3  |
| 36 and above .....          | 0.5  | 0.2  | 0.4  | 0.2  | 0.7  |
| Average .....               | 28.0 | 28.3 | 27.6 | 28.3 | 28.6 |

<sup>1</sup>Fiber strength expressed in terms of 1/8” gage (grams per tex). \*Less than 0.05 percent. AMS, Cotton Program, (901) 384–3016.

**Table 2-8.—Cotton, American Upland: Estimated percentage of the crop forward contracted by growers, by States, 1995–2002**

| State    | Crop of— |                  |                  |         |         |         |         |         |
|----------|----------|------------------|------------------|---------|---------|---------|---------|---------|
|          | 1995     | 1996             | 1997             | 1998    | 1999    | 2000    | 2001    | 2002    |
|          | Percent  | Percent          | Percent          | Percent | Percent | Percent | Percent | Percent |
| AL ..... | 42       | 23               | 19               | 21      | 8       | 29      | 19      | 17      |
| AZ ..... | 42       | 20               | 11               | 16      | 3       | 2       | 1       | *       |
| AR ..... | 69       | 49               | 53               | 53      | 11      | 14      | 5       | 4       |
| CA ..... | 76       | 28               | 41               | 59      | 15      | 6       | *       | *       |
| FL ..... | .....    | .....            | 12               | 15      | *       | 3       | 12      | .....   |
| GA ..... | 56       | 34               | 29               | 37      | 9       | 21      | 8       | 8       |
| LA ..... | 33       | 17               | 26               | 27      | 8       | 21      | 12      | 4       |
| MS ..... | 25       | 11               | 18               | 21      | 8       | 11      | 6       | 2       |
| MO ..... | 89       | 59               | 71               | 94      | 16      | 26      | 11      | 12      |
| NM ..... | 11       | 17               | 7                | 14      | 9       | 13      | 2       | 3       |
| NC ..... | 57       | 74               | 37               | 53      | 42      | 23      | 6       | 4       |
| OK ..... | 5        | ( <sup>1</sup> ) | ( <sup>1</sup> ) | *       | .....   | *       | .....   | .....   |
| SC ..... | 69       | 43               | 49               | 56      | 23      | 30      | 6       | 11      |
| TN ..... | 25       | 9                | 14               | 29      | 11      | 20      | 10      | 4       |
| TX ..... | 47       | 18               | 13               | 28      | 5       | 8       | 7       | .....   |
| US ..... | 48       | 28               | 24               | 36      | 10      | 14      | 7       | 4       |

<sup>1</sup> Less than 0.5 percent.

AMS, Cotton Program, (901) 384–3016.

**Table 2-9.—Cotton, American Upland: Carryover and crop, running bales, by grade groupings, United States, 1994–2003**

| Year beginning August 1 | White         |             |             |             |             | Light Spotted |             |             |              | Other Colored <sup>1</sup> | All grades <sup>2</sup> |
|-------------------------|---------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|--------------|----------------------------|-------------------------|
|                         | 21 and higher | 31          | 41          | 51          | 61 and 71   | 22 and higher | 32          | 42          | 52 and lower |                            |                         |
|                         | 1,000 bales   | 1,000 bales | 1,000 bales | 1,000 bales | 1,000 bales | 1,000 bales   | 1,000 bales | 1,000 bales | 1,000 bales  | 1,000 bales                | 1,000 bales             |
| <b>Carryover:</b>       |               |             |             |             |             |               |             |             |              |                            |                         |
| 1994 .....              | 602           | 1,089       | 1,012       | 109         | 3           | 40            | 221         | 299         | 78           | 54                         | 3,509                   |
| 1995 .....              | 227           | 634         | 713         | 148         | 6           | 53            | 175         | 403         | 151          | 41                         | 2,552                   |
| 1996 .....              | 498           | 764         | 562         | 56          | 1           | 81            | 240         | 303         | 51           | 53                         | 2,609                   |
| 1997 .....              | 689           | 1,463       | 750         | 43          | 1           | 57            | 423         | 273         | 33           | 57                         | 3,789                   |
| 1998 .....              | 570           | 1,541       | 871         | 86          | 5           | 160           | 299         | 243         | 116          | 130                        | 4,021                   |
| 1999 .....              | 407           | 1,094       | 978         | 147         | 3           | 134           | 271         | 471         | 145          | 131                        | 3,781                   |
| 2000 .....              | 1,274         | 1,007       | 981         | 123         | 8           | 68            | 85          | 192         | 42           | 50                         | 3,830                   |
| 2001 .....              | 1,392         | 1,712       | 1,464       | 218         | 4           | 63            | 148         | 601         | 150          | 67                         | 5,819                   |
| 2002 .....              | 1,234         | 2,325       | 1,976       | 107         | 2           | 99            | 238         | 769         | 54           | 76                         | 6,700                   |
| 2003 .....              | 596           | 988         | 1,804       | 502         | 8           | 37            | 193         | 475         | 251          | 115                        | 4,972                   |
| <b>Crop:</b>            |               |             |             |             |             |               |             |             |              |                            |                         |
| 1994 .....              | 2,314         | 5,697       | 4,138       | 495         | 23          | 783           | 1,654       | 2,299       | 793          | 316                        | 18,510                  |
| 1995 .....              | 3,660         | 5,453       | 3,568       | 232         | 9           | 552           | 1,393       | 1,505       | 202          | 176                        | 16,751                  |
| 1996 .....              | 3,219         | 6,629       | 3,413       | 233         | 16          | 481           | 1,602       | 1,513       | 339          | 224                        | 17,669                  |
| 1997 .....              | 4,078         | 5,670       | 3,571       | 442         | 12          | 739           | 1,193       | 1,164       | 332          | 375                        | 17,576                  |
| 1998 .....              | 1,821         | 3,893       | 3,486       | 251         | 5           | 385           | 849         | 1,669       | 419          | 234                        | 13,012                  |
| 1999 .....              | 5,793         | 4,504       | 3,215       | 283         | 5           | 359           | 539         | 758         | 168          | 149                        | 15,773                  |
| 2000 .....              | 3,459         | 5,100       | 4,454       | 504         | 13          | 292           | 624         | 1,408       | 302          | 192                        | 16,348                  |
| 2001 .....              | 4,950         | 6,593       | 3,997       | 443         | 8           | 391           | 654         | 1,296       | 276          | 431                        | 19,039                  |
| 2002 .....              | 2,248         | 3,389       | 5,610       | 1,086       | 29          | 122           | 594         | 1,627       | 859          | 488                        | 16,053                  |

<sup>1</sup> Includes all grades of Spotted, Tinged, Yellow Stained, and Below Grade. <sup>2</sup> Carryover as reported by the Bureau of the Census, Crop as reported by AMS, Cotton Program.

AMS, Cotton Program, (901) 384–3016.

**Table 2-10.—Cotton, American Upland: Carryover and crop, running bales, by staple groupings, United States, 1993–2003**

| Year beginning August 1 | Staple           |                  |                  |             |             |             |             |             |             |               | All staples <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------------------|
|                         | 26 and shorter   | 28               | 29               | 30          | 31          | 32          | 33          | 34          | 35          | 36 and longer |                          |
|                         | 1,000 bales      | 1,000 bales      | 1,000 bales      | 1,000 bales | 1,000 bales | 1,000 bales | 1,000 bales | 1,000 bales | 1,000 bales | 1,000 bales   | 1,000 bales              |
| <b>Carryover:</b>       |                  |                  |                  |             |             |             |             |             |             |               |                          |
| 1993 .....              | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 1                | 10          | 35          | 146         | 285         | 913         | 1,284       | 1,419         | 4,095                    |
| 1994 .....              | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 4                | 15          | 37          | 197         | 285         | 724         | 952         | 1,295         | 3,509                    |
| 1995 .....              | ( <sup>2</sup> ) | 1                | 3                | 14          | 20          | 83          | 135         | 463         | 718         | 1,115         | 2,552                    |
| 1996 .....              | 8                | 6                | 3                | 12          | 36          | 143         | 197         | 508         | 771         | 925           | 2,609                    |
| 1997 .....              | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 2           | 6           | 30          | 235         | 947         | 1,471       | 1,099         | 3,789                    |
| 1998 .....              | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 3                | 16          | 62          | 296         | 553         | 802         | 1,076       | 1,213         | 3,782                    |
| 1999 .....              | ( <sup>2</sup> ) | 1                | 2                | 18          | 81          | 439         | 765         | 902         | 785         | 788           | 3,781                    |
| 2000 .....              | ( <sup>2</sup> ) | 1                | 10               | 46          | 85          | 386         | 651         | 969         | 820         | 862           | 3,830                    |
| 2001 .....              | 1                | 4                | 22               | 88          | 241         | 558         | 1,209       | 1,385       | 1,341       | 970           | 5,819                    |
| 2002 .....              | .....            | .....            | 4                | 9           | 32          | 200         | 708         | 1,995       | 2,071       | 1,681         | 6,700                    |
| 2003 .....              | .....            | ( <sup>2</sup> ) | 15               | 35          | 69          | 214         | 708         | 1,495       | 1,357       | 1,079         | 4,972                    |
| <b>Crop:</b>            |                  |                  |                  |             |             |             |             |             |             |               |                          |
| 1993 .....              | ( <sup>2</sup> ) | 1                | 7                | 45          | 201         | 666         | 1,470       | 2,509       | 3,718       | 6,392         | 15,010                   |
| 1994 .....              | ( <sup>2</sup> ) | 2                | 16               | 72          | 250         | 604         | 1,271       | 2,919       | 5,009       | 8,366         | 18,510                   |
| 1995 .....              | ( <sup>2</sup> ) | 1                | 7                | 36          | 155         | 489         | 1,389       | 3,422       | 5,208       | 6,044         | 16,751                   |
| 1996 .....              | ( <sup>2</sup> ) | .....            | 2                | 13          | 72          | 277         | 1,035       | 3,226       | 5,668       | 7,376         | 17,669                   |
| 1997 .....              | .....            | ( <sup>2</sup> ) | 4                | 27          | 144         | 553         | 1,704       | 3,306       | 4,207       | 7,631         | 17,576                   |
| 1998 .....              | ( <sup>2</sup> ) | 2                | 15               | 81          | 307         | 887         | 2,282       | 3,692       | 3,202       | 2,544         | 13,012                   |
| 1999 .....              | 1                | 8                | 51               | 177         | 562         | 1,553       | 3,077       | 4,102       | 3,415       | 2,827         | 15,773                   |
| 2000 .....              | 2                | 20               | 86               | 229         | 558         | 1,408       | 2,915       | 4,196       | 3,661       | 3,273         | 16,348                   |
| 2001 .....              | ( <sup>2</sup> ) | 1                | 9                | 53          | 256         | 974         | 3,084       | 5,592       | 4,947       | 4,123         | 19,039                   |
| 2002 .....              | ( <sup>2</sup> ) | 2                | 22               | 123         | 457         | 1,259       | 2,840       | 4,324       | 3,596       | 3,429         | 16,053                   |

<sup>1</sup> Carryover as reported by the Bureau of the Census, Crop as reported by AMS, Cotton Program. <sup>2</sup> Fewer than 500 bales.

AMS, Cotton Program, (901) 384–3016.

**Table 2-11.—Cotton, American Pima: Carryover and crop, running bales, by grade and staple, United States, 1999–2003**

| Year beginning August 1 | Grade       |             |             |             |             | Staple         |             |             |               | All grades and staples <sup>1</sup> |
|-------------------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|-------------|---------------|-------------------------------------|
|                         | 01 and 02   | 03          | 04          | 05          | 06 and 07   | 42 and shorter | 44          | 46          | 48 and longer |                                     |
|                         | 1,000 bales | 1,000 bales | 1,000 bales | 1,000 bales | 1,000 bales | 1,000 bales    | 1,000 bales | 1,000 bales | 1,000 bales   | 1,000 bales                         |
| <b>Carryover:</b>       |             |             |             |             |             |                |             |             |               |                                     |
| 1999 .....              | 27.4        | 45.4        | 21.6        | 0.1         | .....       | .....          | 13.5        | 60.1        | 20.9          | 94.5                                |
| 2000 .....              | 184.4       | 34.2        | 15.0        | 0.3         | .....       | 0.3            | 70.5        | 121.4       | 41.7          | 233.9                               |
| 2001 .....              | 87.5        | 22.8        | 2.2         | 0.1         | .....       | .....          | 28.9        | 68.8        | 14.9          | 112.6                               |
| 2002 .....              | 280.5       | 19.1        | 2.6         | .....       | 0.8         | 1.1            | 111.8       | 163.1       | 27.0          | 303.0                               |
| 2003 .....              | 163.5       | 40.7        | 8.8         | 5.1         | 3.2         | 1.1            | 113.3       | 76.8        | 30.2          | 221.3                               |
| <b>Crop:</b>            |             |             |             |             |             |                |             |             |               |                                     |
| 1999 .....              | 601.8       | 44.4        | 3.3         | 0.3         | 0.1         | 1.2            | 103.9       | 394.5       | 150.3         | 649.9                               |
| 2000 .....              | 304.5       | 58.9        | 9.4         | 1.2         | 0.1         | 0.1            | 71.9        | 255.6       | 46.5          | 374.1                               |
| 2001 .....              | 618.9       | 25.1        | 9.0         | 8.1         | 3.6         | 0.6            | 160.5       | 424.1       | 79.6          | 664.8                               |
| 2002 .....              | 606.7       | 28.9        | 10.0        | 5.1         | 1.9         | 0.7            | 62.1        | 353.9       | 236.4         | 653.0                               |

<sup>1</sup> Carryover as reported by the Bureau of the Census; Crop as reported by AMS, Cotton Program.

AMS, Cotton Program, (901) 384–3016.



**Table 2-12.—Cotton, Upland: Average staple length of Upland cotton classed, by States, 1997–2002**

| State              | Average staple length (32ds of an inch) <sup>1</sup> |                  |                  |                  |                  |                  |
|--------------------|--|------------------|------------------|------------------|------------------|------------------|
|                    | 1997   | 1998             | 1999             | 2000             | 2001             | 2002             |
| AL .....           | 35.3   | 34.2             | 33.4             | 33.7             | 34.3             | 33.7             |
| AZ .....           | 35.3   | 35.5             | 35.3             | 35.3             | 35.3             | 35.5             |
| AR .....           | 36.3   | 34.8             | 34.8             | 34.6             | 34.8             | 34.8             |
| CA .....           | 36.3   | 36.8             | 36.2             | 36.1             | 36.1             | 36.9             |
| FL .....           | 35.1   | 33.9             | 34.2             | 34.4             | 34.4             | 33.7             |
| GA .....           | 34.6   | 34.1             | 33.8             | 34.3             | 34.1             | 33.9             |
| KS .....           |  |                  |                  |                  |                  | 33.1             |
| LA .....           | 35.5   | 34.4             | 34.0             | 33.9             | 34.2             | 34.5             |
| MS .....           | 36.1   | 34.6             | 34.2             | 34.0             | 34.3             | 34.5             |
| MO .....           | 36.2   | 34.9             | 34.8             | 34.8             | 35.4             | 35.0             |
| NM .....           | 36.7   | 36.2             | 35.8             | 36.5             | 36.3             | 35.9             |
| NC .....           | 34.7   | 34.1             | 34.6             | 34.2             | 34.6             | 33.4             |
| OK .....           | 34.8   | 34.5             | 33.1             | 34.1             | 35.4             | 33.9             |
| SC .....           | 35.0   | 34.3             | 33.9             | 34.0             | 33.8             | 33.5             |
| TN .....           | 36.1   | 34.4             | 33.8             | 33.5             | 33.9             | 34.2             |
| TX .....           | 33.9   | 33.2             | 33.1             | 32.9             | 33.8             | 33.5             |
| VA .....           | 35.1   | 34.5             | 35.0             | 34.6             | 34.9             | 34.1             |
| Other States ..... | ( <sup>2</sup> )                                     | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| US .....           | 35.1   | 34.3             | 34.1             | 34.2             | 34.5             | 34.3             |

<sup>1</sup> Average calculated on numerical equivalents of the staple-length designations. For example, 7/8-inch = 28, <sup>29</sup>/<sub>32</sub>-inch = 29, etc. <sup>2</sup> Not available.  
AMS, Cotton Program, (901) 384–3016.

**Table 2-13.—Cotton: United States exports, by country of destination, 2000/2001–2002/2003**

| Country of destination           | Year beginning August    |                          |                          |
|----------------------------------|--------------------------|--------------------------|--------------------------|
|                                  | 2000/2001                | 2001/2002                | 2002/2003                |
|                                  | 1,000 bales <sup>1</sup> | 1,000 bales <sup>1</sup> | 1,000 bales <sup>1</sup> |
| China, Peoples Republic of ..... | 124                      | 308                      | 1,800                    |
| Mexico .....                     | 1,759                    | 1,516                    | 1,782                    |
| Turkey .....                     | 611                      | 1,603                    | 1,571                    |
| Indonesia .....                  | 556                      | 946                      | 841                      |
| Thailand .....                   | 239                      | 694                      | 574                      |
| Taiwan .....                     | 367                      | 694                      | 547                      |
| India .....                      | 367                      | 960                      | 473                      |
| Pakistan .....                   | 156                      | 427                      | 441                      |
| Korea, Republic of .....         | 491                      | 579                      | 390                      |
| Hong Kong .....                  | 285                      | 409                      | 363                      |
| Japan .....                      | 354                      | 386                      | 354                      |
| Brazil .....                     | 14                       | 55                       | 308                      |
| Canada .....                     | 322                      | 234                      | 303                      |
| Bangladesh .....                 | 188                      | 335                      | 230                      |
| Colombia .....                   | 115                      | 152                      | 179                      |
| Peru .....                       | 106                      | 119                      | 175                      |
| Vietnam .....                    | 73                       | 170                      | 133                      |
| Philippines .....                | 41                       | 124                      | 106                      |
| El Salvador .....                | 87                       | 83                       | 96                       |
| Guatemala .....                  | 69                       | 78                       | 83                       |
| Subtotal .....                   | 6,325                    | 9,870                    | 10,748                   |
| Italy .....                      | 51                       | 60                       | 78                       |
| Chile .....                      | 9                        | 18                       | 55                       |
| Ecuador .....                    | 87                       | 87                       | 55                       |
| Belgium-Luxembourg .....         | 41                       | 69                       | 51                       |
| Germany .....                    | 28                       | 32                       | 41                       |
| Switzerland .....                | 5                        | 46                       | 32                       |
| Ireland .....                    | 0                        | 14                       | 28                       |
| Estonia .....                    | 5                        | 5                        | 18                       |
| Venezuela .....                  | 32                       | 18                       | 18                       |
| Argentina .....                  | 0                        | 0                        | 14                       |
| Malaysia .....                   | 46                       | 51                       | 14                       |
| Portugal .....                   | 5                        | 5                        | 9                        |
| Sri Lanka .....                  | 0                        | 5                        | 9                        |
| Sweden .....                     | 14                       | 9                        | 9                        |
| Bahrain .....                    | 14                       | 60                       | 5                        |
| Burma .....                      | 0                        | 0                        | 5                        |
| Cambodia .....                   | 0                        | 5                        | 5                        |
| Dominican Republic .....         | 41                       | 14                       | 5                        |
| France .....                     | 0                        | 0                        | 5                        |
| Honduras .....                   | 5                        | 9                        | 5                        |
| Other Countries .....            | 18                       | 32                       | 18                       |
| Total .....                      | 6,724                    | 10,408                   | 11,225                   |

<sup>1</sup> 480 pounds net.

FAS, Cotton, Oilseeds, Tobacco, and Seeds Division, (202) 720–9516. Compiled from reports of the U.S. Department of Commerce.

**Table 2-14.—Cotton: International trade, 1997/98–2002/2003<sup>1</sup>**

| Country                        | 1997/98                        | 1998/99                        | 1999/2000                      | 2000/2001                      | 2001/2002                      | 2002/2003                      |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
|                                | <i>1,000 bales<sup>2</sup></i> | <i>1,000 bales<sup>2</sup></i> | <i>1,000 bales<sup>2</sup></i> | <i>1,000 bales<sup>2</sup></i> | <i>1,000 bales<sup>2</sup></i> | <i>1,000 bales<sup>2</sup></i> |
| Principal exporting countries: |                                |                                |                                |                                |                                |                                |
| United States .....            | 7,500                          | 4,298                          | 6,750                          | 6,740                          | 11,000                         | 11,900                         |
| Uzbekistan, Republic of .....  | 4,570                          | 3,812                          | 4,100                          | 3,400                          | 3,400                          | 3,500                          |
| Australia .....                | 2,712                          | 3,040                          | 3,209                          | 3,904                          | 3,101                          | 2,655                          |
| Greece .....                   | 1,000                          | 964                            | 1,080                          | 1,424                          | 1,000                          | 1,300                          |
| Mali .....                     | 825                            | 950                            | 900                            | 575                            | 925                            | 850                            |
| China, Peoples Republic of ... | 34                             | 681                            | 1,692                          | 448                            | 342                            | 751                            |
| Benin .....                    | 645                            | 600                            | 650                            | 625                            | 650                            | 750                            |
| Syria .....                    | 1,000                          | 850                            | 950                            | 1,050                          | 1,000                          | 750                            |
| Burkina .....                  | 550                            | 525                            | 520                            | 520                            | 650                            | 725                            |
| Egypt .....                    | 322                            | 450                            | 425                            | 375                            | 410                            | 700                            |
| Tajikistan, Republic of .....  | 370                            | 425                            | 355                            | 390                            | 475                            | 625                            |
| Brazil .....                   | 0                              | 23                             | 12                             | 315                            | 674                            | 489                            |
| Kazakhstan, Republic of .....  | 175                            | 175                            | 270                            | 400                            | 500                            | 475                            |
| Cameroon .....                 | 290                            | 300                            | 300                            | 370                            | 350                            | 400                            |
| Turkmenistan .....             | 500                            | 750                            | 800                            | 675                            | 450                            | 400                            |
| Cote d'Ivoire .....            | 450                            | 550                            | 735                            | 600                            | 400                            | 350                            |
| Chad .....                     | 465                            | 290                            | 330                            | 300                            | 275                            | 300                            |
| Sudan .....                    | 325                            | 253                            | 210                            | 159                            | 225                            | 300                            |
| Togo .....                     | 260                            | 300                            | 250                            | 215                            | 225                            | 300                            |
| Turkey .....                   | 100                            | 364                            | 200                            | 128                            | 125                            | 300                            |
| Subtotal .....                 | 22,093                         | 19,600                         | 23,738                         | 22,613                         | 26,177                         | 27,821                         |
| Others .....                   | 320                            | 4,068                          | 3,588                          | 3,971                          | 2,875                          | 2,809                          |
| World total .....              | 22,413                         | 23,668                         | 27,327                         | 26,584                         | 29,053                         | 30,630                         |

| Country                        | 1997/98 | 1998/99 | 1999/2000 | 2000/2001 | 2001/2002 | 2002/2003 |
|--------------------------------|---------|---------|-----------|-----------|-----------|-----------|
| Principal importing countries: |         |         |           |           |           |           |
| China, Peoples Republic of ... | 1,834   | 359     | 117       | 241       | 449       | 3,127     |
| Mexico .....                   | 1,371   | 1,422   | 1,813     | 1,865     | 2,065     | 2,300     |
| Indonesia .....                | 1,910   | 2,323   | 2,076     | 2,650     | 2,356     | 2,250     |
| Turkey .....                   | 1,450   | 1,139   | 2,400     | 1,750     | 2,868     | 2,100     |
| Thailand .....                 | 1,236   | 1,211   | 1,706     | 1,573     | 2,057     | 1,945     |
| Russian Federation .....       | 1,225   | 850     | 1,600     | 1,650     | 1,850     | 1,700     |
| Korea, Republic of .....       | 1,322   | 1,472   | 1,524     | 1,420     | 1,616     | 1,492     |
| India .....                    | 145     | 508     | 1,600     | 1,567     | 1,950     | 1,400     |
| Italy .....                    | 1,575   | 1,315   | 1,423     | 1,358     | 1,280     | 1,250     |
| Taiwan .....                   | 1,209   | 1,375   | 1,438     | 1,040     | 1,531     | 1,219     |
| Japan .....                    | 1,341   | 1,263   | 1,280     | 1,138     | 1,063     | 1,013     |
| Bangladesh .....               | 597     | 650     | 775       | 900       | 1,000     | 1,000     |
| Pakistan .....                 | 120     | 925     | 475       | 450       | 1,000     | 850       |
| Brazil .....                   | 1,884   | 1,334   | 1,559     | 603       | 253       | 563       |
| Germany .....                  | 740     | 625     | 640       | 702       | 580       | 525       |
| Vietnam .....                  | 170     | 270     | 330       | 400       | 475       | 510       |
| Portugal .....                 | 772     | 714     | 649       | 623       | 552       | 500       |
| Hong Kong .....                | 571     | 619     | 517       | 519       | 491       | 464       |
| Canada .....                   | 325     | 329     | 286       | 352       | 400       | 450       |
| France .....                   | 561     | 516     | 515       | 443       | 415       | 356       |
| Subtotal .....                 | 20,358  | 19,219  | 22,723    | 21,244    | 24,251    | 25,014    |
| Others .....                   | 5,898   | 5,681   | 5,654     | 5,240     | 5,246     | 5,446     |
| World total .....              | 26,256  | 24,900  | 28,377    | 26,484    | 29,497    | 30,460    |

<sup>1</sup> Marketing year beginning Aug. 1. <sup>2</sup> 480-pound net weight.  
 FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-9516. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 2-15.—Cotton, American Upland: High, low, and season average spot prices for the base quality in the designated markets, cents per pound, 1994–2002**

| Season beginning August 1 | Color 41, Leaf 4, Staple 34 <sup>1</sup> |              |              |
|---------------------------|--|--------------|--------------|
|                           | Average                                  | High         | Low          |
|                           | <i>Cents</i>                             | <i>Cents</i> | <i>Cents</i> |
| 1994 .....                | 88.14                                    |              | 65.98        |
| 1995 .....                | 83.03                                    | 111.53       | 75.84        |
| 1996 .....                | 71.59                                    | 93.51        | 68.00        |
| 1997 .....                | 67.79                                    | 78.11        | 59.82        |
| 1998 .....                | 60.12                                    | 77.79        | 47.21        |
| 1999 .....                | 52.36                                    | 74.19        | 45.94        |
| 2000 .....                | 51.56                                    | 60.71        | 35.39        |
| 2001 .....                | 33.10                                    | 63.57        | 25.94        |
| 2002 .....                | 47.46                                    | 41.39        | 36.56        |
|                           |  | 55.86        |              |

<sup>1</sup> Prices are for mixed lots, net weight, compressed, FOB car/truck.  
 AMS, Cotton Program, (901) 384-3016.

**Table 2-16.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1998/99–2002/2003**

| Country of origin           | Year beginning August    |                          |                          |                          |                          |
|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                             | 1998/99                  | 1999/2000                | 2000/2001                | 2001/2002                | 2002/2003                |
|                             | <i>Bales<sup>1</sup></i> | <i>Bales<sup>1</sup></i> | <i>Bales<sup>1</sup></i> | <i>Bales<sup>1</sup></i> | <i>Bales<sup>1</sup></i> |
| <b>Cotton, raw:</b>         |                          |                          |                          |                          |                          |
| Egypt .....                 | 14,358                   | 43,358                   | 12,346                   | 20,861                   | 62,556                   |
| Australia .....             | 1,387                    | 0                        | 0                        | 0                        | 4,327                    |
| India .....                 | 514                      | 230                      | 1,029                    | 175                      | 234                      |
| Argentina .....             | 21,660                   | 7,404                    | 0                        | 0                        | 0                        |
| Barbados .....              | 73                       | 0                        | 115                      | 0                        | 0                        |
| Benin .....                 | 18,597                   | 0                        | 0                        | 0                        | 0                        |
| Burkina .....               | 9,328                    | 0                        | 0                        | 0                        | 0                        |
| Canada .....                | 0                        | 9                        | 0                        | 0                        | 0                        |
| China, Peoples Republic ... | 74,218                   | 2,834                    | 0                        | 0                        | 0                        |
| Germany .....               | 0                        | 5                        | 0                        | 0                        | 0                        |
| Other countries .....       | 298,597                  | 42,678                   | 2,407                    | 322                      | 5                        |
| <b>Total .....</b>          | <b>438,733</b>           | <b>96,516</b>            | <b>15,896</b>            | <b>21,357</b>            | <b>67,121</b>            |
| <b>Cotton linters:</b>      |                          |                          |                          |                          |                          |
| Syria .....                 | 34,387                   | 43,518                   | 58,372                   | 24,733                   | 25,335                   |
| Mexico .....                | 8,773                    | 13,669                   | 2,939                    | 9,884                    | 6,586                    |
| Brazil .....                | 18,032                   | 8,855                    | 37,561                   | 69,666                   | 1,089                    |
| Israel .....                | 96                       | 170                      | 620                      | 703                      | 184                      |
| Japan .....                 | 0                        | 0                        | 0                        | 0                        | 9                        |
| Argentina .....             | 12,571                   | 2,071                    | 3,082                    | 2,269                    | 0                        |
| Australia .....             | 0                        | 92                       | 459                      | 0                        | 0                        |
| China, Peoples Republic ... | 0                        | 156                      | 0                        | 0                        | 0                        |
| Germany .....               | 0                        | 9                        | 220                      | 0                        | 0                        |
| Greece .....                | 3,183                    | 423                      | 4,120                    | 2,889                    | 0                        |
| India .....                 | 0                        | 96                       | 808                      | 377                      | 0                        |
| Kenya .....                 | 344                      | 0                        | 0                        | 0                        | 0                        |
| Korea, Republic of .....    | 0                        | 0                        | 0                        | 28                       | 0                        |
| Latvia .....                | 1,438                    | 0                        | 25,215                   | 0                        | 0                        |
| Netherlands .....           | 0                        | 2,678                    | 0                        | 0                        | 0                        |
| Other countries .....       | .....                    | .....                    | .....                    | .....                    | .....                    |
| <b>Total .....</b>          | <b>132,204</b>           | <b>136,406</b>           | <b>200,239</b>           | <b>113,602</b>           | <b>33,198</b>            |

<sup>1</sup> 480 pounds net.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9516. Compiled from reports of the U.S. Department of Commerce.

**Table 2-17.—Cotton, American Upland: Percentage distribution of mike readings, by specified groups, United States, 1993–2002**

| Year beginning August 1 | Mike groups    |                |                |                |                |                |                |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                         | 26 and below   | 27 to 29       | 30 to 32       | 33 to 34       | 35 to 49       | 50 to 52       | 53 and above   |
|                         | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| 1993 .....              | 0.1            | 0.3            | 1.2            | 1.8            | 86.2           | 8.2            | 2.2            |
| 1994 .....              | 0.1            | 0.6            | 1.8            | 2.3            | 90.6           | 3.8            | 0.7            |
| 1995 .....              | 0.4            | 1.2            | 2.7            | 3.0            | 79.6           | 10.6           | 2.5            |
| 1996 .....              | 0.4            | 1.2            | 3.1            | 3.5            | 80.8           | 8.7            | 2.5            |
| 1997 .....              | *              | 0.4            | 1.8            | 2.5            | 88.4           | 5.9            | 0.9            |
| 1998 .....              | *              | 0.4            | 1.2            | 1.5            | 83.4           | 11.1           | 2.3            |
| 1999 .....              | 0.3            | 0.5            | 1.3            | 1.8            | 80.2           | 12.6           | 3.3            |
| 2000 .....              | 0.1            | 0.7            | 2.0            | 2.8            | 85.8           | 7.1            | 1.3            |
| 2001 .....              | *              | 0.2            | 0.7            | 1.1            | 75.9           | 15.7           | 6.0            |
| 2002 .....              | *              | 0.3            | 0.7            | 1.1            | 74.2           | 17.7           | 5.8            |

(\*) Less than 0.05 percent.  
AMS, Cotton Program, (901) 384–3016.

**Table 2-18.—Cotton, American Upland: Average spot prices for specified grades of staple 34 in the designated markets for mixed lots, net weight, FOB car/truck, compressed, cents per pound, 1993–2002**

| Year beginning August 1 | White           |                 |                 |                 | Light Spotted   |                 |                 | Spotted         |                 |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                         | Color 31 Leaf 3 | Color 41 Leaf 4 | Color 51 Leaf 5 | Color 61 Leaf 6 | Color 32 Leaf 3 | Color 42 Leaf 4 | Color 52 Leaf 5 | Color 33 Leaf 3 | Color 43 Leaf 4 |
|                         | <i>Cents</i>    | <i>Cents</i>    | <i>Cents</i>    | <i>Cents</i>    | <i>Cents</i>    | <i>Cents</i>    | <i>Cents</i>    | <i>Cents</i>    | <i>Cents</i>    |
| 1993 .....              | 66.89           | 66.12           | 62.14           | 55.43           | 65.88           | 62.80           | 56.43           | 56.77           | 53.50           |
| 1994 .....              | 89.46           | 88.14           | 83.47           | 77.54           | 87.65           | 84.18           | 78.19           | 80.61           | 76.07           |
| 1995 .....              | 84.82           | 83.03           | 77.61           | 73.25           | 82.49           | 78.38           | 72.97           | 76.31           | 71.30           |
| 1996 .....              | 72.87           | 71.59           | 66.71           | 63.02           | 71.12           | 67.62           | 62.50           | 65.93           | 61.25           |
| 1997 .....              | 69.08           | 67.79           | 63.31           | 60.38           | 67.08           | 64.44           | 60.06           | 64.47           | 59.43           |
| 1998 .....              | 61.93           | 60.12           | 54.68           | 51.49           | 59.43           | 56.25           | 51.71           | 55.47           | 50.53           |
| 1999 .....              | 53.99           | 52.36           | 46.52           | 42.52           | 51.50           | 48.03           | 43.15           | 46.50           | 41.99           |
| 2000 .....              | 52.98           | 51.56           | 47.18           | 43.50           | 51.36           | 48.78           | 45.15           | 47.81           | 43.88           |
| 2001 .....              | 34.66           | 33.10           | 29.32           | 26.87           | 33.26           | 31.04           | 28.12           | 30.42           | 27.50           |
| 2002 .....              | 49.72           | 47.46           | 43.38           | 41.40           | 47.53           | 44.94           | 42.22           | 44.99           | 42.04           |

AMS, Cotton Program, (901) 384–3016.

**Table 2-19.—Cotton, American Upland: Average spot prices for specified staple lengths of Grade 41 Leaf 4, in the designated markets for mixed lots, net weight, FOB car/truck, compressed, cents per pound, 1993–2002**

| Year beginning August 1 | Staple       |              |              |              |              |              |              |              |              |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                         | 28           | 29           | 30           | 31           | 32           | 33           | 34           | 35           |              |
|                         | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> |
| 1993 .....              | 59.39        | 59.39        | 61.38        | 62.84        | 64.17        | 64.16        | 66.12        | 66.76        |              |
| 1994 .....              | 81.51        | 81.51        | 83.46        | 85.01        | 85.80        | 86.06        | 88.14        | 88.53        |              |
| 1995 .....              | 76.00        | 76.00        | 77.82        | 79.49        | 79.99        | 81.06        | 83.03        | 83.58        |              |
| 1996 .....              | 64.61        | 64.61        | 66.38        | 67.18        | 67.93        | 69.81        | 71.59        | 72.20        |              |
| 1997 .....              | 60.97        | 60.97        | 62.65        | 63.48        | 64.56        | 66.07        | 67.79        | 68.39        |              |
| 1998 .....              | 47.05        | 47.05        | 48.93        | 51.08        | 53.75        | 57.27        | 60.12        | 61.05        |              |
| 1999 .....              | 39.71        | 39.71        | 41.15        | 43.10        | 44.57        | 48.02        | 52.36        | 54.19        |              |
| 2000 .....              | 43.14        | 43.14        | 44.59        | 45.90        | 46.10        | 48.24        | 51.56        | 52.82        |              |
| 2001 .....              | 29.12        | 29.12        | 29.77        | 30.53        | 30.01        | 31.24        | 33.10        | 34.31        |              |
| 2002 .....              | 43.07        | 43.07        | 43.57        | 44.60        | 44.40        | 45.64        | 47.46        | 49.13        |              |

AMS, Cotton Program, (901) 384–3016.

**Table 2-20.—Cotton, American Upland: Season average spot prices for the base quality, by designated markets, cents per pound, 1997–2002<sup>1</sup>**

| Market            | Color 41, Leaf 4, Staple 34 <sup>2</sup> |              |              |              |              |              |
|-------------------|--|--------------|--------------|--------------|--------------|--------------|
|                   | 1997                                     | 1998         | 1999         | 2000         | 2001         | 2002         |
|                   | <i>Cents</i>                             | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> |
| Southeast .....   | 68.60                                    | 62.06        | 53.81        | 52.63        | 33.02        | 48.28        |
| North Delta ..... | 68.36                                    | 61.82        | 53.34        | 52.32        | 33.24        | 48.47        |
| South Delta ..... | 68.36                                    | 61.82        | 53.34        | 52.32        | 33.24        | 48.46        |
| East TX–OK .....  | 65.93                                    | 57.66        | 50.49        | 51.03        | 32.59        | 46.76        |
| West Texas .....  | 65.88                                    | 57.76        | 50.12        | 50.71        | 32.39        | 46.51        |
| Desert SW .....   | 65.63                                    | 55.92        | 48.79        | 49.47        | 32.60        | 46.27        |
| SJ Valley .....   | 71.79                                    | 63.78        | 56.67        | 52.45        | 34.64        | 47.52        |
| Average .....     | 67.79                                    | 60.12        | 52.36        | 51.56        | 33.10        | 47.46        |

<sup>1</sup> Year beginning August 1. <sup>2</sup> Prices are for mixed lots, net weight, compressed, FOB car/truck.

AMS, Cotton Program, (901) 384–3016.

Table 2-21.—Cotton: Supply and distribution, by countries, 2002–03

| Country                     | Beginning stocks Aug. 1  | Production               | Imports                  | Total supply             | Consumption <sup>1</sup> | Exports                  | Ending stocks July 31    | Total distribution       |
|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                             | 1,000 bales <sup>2</sup> | 1,000 bales <sup>2</sup> | 1,000 bales <sup>2</sup> | 1,000 bales <sup>2</sup> | 1,000 bales <sup>2</sup> | 1,000 bales <sup>2</sup> | 1,000 bales <sup>2</sup> | 1,000 bales <sup>2</sup> |
| <b>Importing countries:</b> |                          |                          |                          |                          |                          |                          |                          |                          |
| China, Peoples Republic     | 12,858                   | 22,600                   | 3,127                    | 38,585                   | 28,900                   | 751                      | 8,934                    | 38,585                   |
| Mexico                      | 722                      | 194                      | 2,300                    | 3,216                    | 2,225                    | 50                       | 941                      | 3,216                    |
| Indonesia                   | 454                      | 37                       | 2,250                    | 2,741                    | 2,350                    | 15                       | 376                      | 2,741                    |
| Turkey                      | 1,450                    | 4,134                    | 2,100                    | 7,684                    | 6,300                    | 300                      | 1,084                    | 7,684                    |
| Thailand                    | 611                      | 65                       | 1,945                    | 2,621                    | 2,025                    | 1                        | 595                      | 2,621                    |
| Russian Federation          | 222                      | 0                        | 1,700                    | 1,922                    | 1,700                    | 0                        | 222                      | 1,922                    |
| Korea, Republic of          | 501                      | 1                        | 1,492                    | 1,994                    | 1,500                    | 7                        | 487                      | 1,994                    |
| India                       | 4,688                    | 10,600                   | 1,400                    | 16,688                   | 13,300                   | 50                       | 3,338                    | 16,688                   |
| Italy                       | 137                      | 1                        | 1,250                    | 1,388                    | 1,210                    | 30                       | 148                      | 1,388                    |
| Taiwan                      | 463                      | 0                        | 1,219                    | 1,682                    | 1,200                    | 0                        | 482                      | 1,682                    |
| Japan                       | 222                      | 0                        | 1,013                    | 1,235                    | 1,000                    | 0                        | 235                      | 1,235                    |
| Bangladesh                  | 166                      | 69                       | 1,000                    | 1,235                    | 1,052                    | 0                        | 183                      | 1,235                    |
| Pakistan                    | 3,261                    | 7,800                    | 850                      | 11,911                   | 9,225                    | 231                      | 2,455                    | 11,911                   |
| Brazil                      | 2,416                    | 3,890                    | 563                      | 6,869                    | 3,350                    | 489                      | 3,030                    | 6,869                    |
| Germany                     | 95                       | 0                        | 525                      | 620                      | 500                      | 60                       | 60                       | 620                      |
| Vietnam                     | 111                      | 58                       | 510                      | 679                      | 525                      | 0                        | 154                      | 679                      |
| Portugal                    | 118                      | 0                        | 500                      | 618                      | 525                      | 0                        | 93                       | 618                      |
| Hong Kong                   | 102                      | 0                        | 464                      | 566                      | 450                      | 25                       | 91                       | 566                      |
| Canada                      | 50                       | 0                        | 450                      | 500                      | 375                      | 0                        | 125                      | 500                      |
| France                      | 81                       | 0                        | 356                      | 437                      | 350                      | 31                       | 56                       | 437                      |
| Colombia                    | 81                       | 140                      | 300                      | 521                      | 445                      | 0                        | 76                       | 521                      |
| South Africa, Republic of   | 69                       | 70                       | 280                      | 419                      | 350                      | 5                        | 64                       | 419                      |
| Czech Republic              | 51                       | 0                        | 276                      | 327                      | 275                      | 5                        | 47                       | 327                      |
| Belgium-Luxembourg          | 40                       | 0                        | 275                      | 315                      | 190                      | 100                      | 25                       | 315                      |
| Argentina                   | 399                      | 290                      | 254                      | 943                      | 534                      | 26                       | 383                      | 943                      |
| Malaysia                    | 69                       | 0                        | 250                      | 319                      | 265                      | 0                        | 54                       | 319                      |
| Poland                      | 21                       | 0                        | 229                      | 250                      | 225                      | 1                        | 24                       | 250                      |
| Peru                        | 82                       | 184                      | 216                      | 482                      | 380                      | 8                        | 94                       | 482                      |
| Austria                     | 36                       | 0                        | 175                      | 211                      | 175                      | 0                        | 36                       | 211                      |
| Morocco                     | 31                       | 1                        | 175                      | 207                      | 175                      | 0                        | 32                       | 207                      |
| Subtotal                    | 29,607                   | 50,134                   | 27,444                   | 107,186                  | 81,077                   | 2,185                    | 23,924                   | 107,186                  |
| Others                      | 17,583                   | 37,855                   | 3,016                    | 58,455                   | 16,626                   | 28,444                   | 13,384                   | 58,455                   |
| Total world                 | 47,190                   | 87,990                   | 30,460                   | 165,641                  | 97,703                   | 30,629                   | 37,308                   | 165,641                  |
| <b>Exporting countries:</b> |                          |                          |                          |                          |                          |                          |                          |                          |
| Uzbekistan, Republic of     | 1,043                    | 4,600                    | 0                        | 5,643                    | 1,300                    | 3,500                    | 843                      | 5,643                    |
| Australia                   | 2,211                    | 1,700                    | 0                        | 3,911                    | 25                       | 2,655                    | 1,231                    | 3,911                    |
| Greece                      | 910                      | 1,715                    | 20                       | 2,645                    | 730                      | 1,300                    | 615                      | 2,645                    |
| Mali                        | 297                      | 825                      | 0                        | 1,122                    | 20                       | 850                      | 252                      | 1,122                    |
| China, Peoples Republic     | 12,858                   | 22,600                   | 3,127                    | 38,585                   | 28,900                   | 751                      | 8,934                    | 38,585                   |
| Benin                       | 301                      | 675                      | 0                        | 976                      | 10                       | 750                      | 216                      | 976                      |
| Syria                       | 573                      | 1,126                    | 0                        | 1,699                    | 600                      | 750                      | 349                      | 1,699                    |
| Burkina Faso                | 165                      | 750                      | 0                        | 915                      | 5                        | 725                      | 185                      | 915                      |
| Egypt                       | 847                      | 1,310                    | 75                       | 2,232                    | 913                      | 700                      | 619                      | 2,232                    |
| Tajikistan, Republic of     | 152                      | 725                      | 0                        | 877                      | 120                      | 625                      | 132                      | 877                      |
| Brazil                      | 2,416                    | 3,890                    | 563                      | 6,869                    | 3,350                    | 489                      | 3,030                    | 6,869                    |
| Kazakhstan, Republic of     | 178                      | 485                      | 0                        | 663                      | 50                       | 475                      | 138                      | 663                      |
| Cameroon                    | 155                      | 425                      | 0                        | 580                      | 45                       | 400                      | 135                      | 580                      |
| Turkmenistan                | 469                      | 690                      | 0                        | 1,159                    | 375                      | 400                      | 384                      | 1,159                    |
| Cote d'Ivoire               | 308                      | 550                      | 0                        | 858                      | 120                      | 350                      | 388                      | 858                      |
| Turkey                      | 1,450                    | 4,134                    | 2,100                    | 7,684                    | 6,300                    | 300                      | 1,084                    | 7,684                    |
| Chad                        | 93                       | 325                      | 0                        | 418                      | 15                       | 300                      | 103                      | 418                      |
| Sudan                       | 191                      | 375                      | 0                        | 566                      | 45                       | 300                      | 221                      | 566                      |
| Togo                        | 117                      | 320                      | 0                        | 437                      | 15                       | 300                      | 122                      | 437                      |
| Zimbabwe                    | 151                      | 390                      | 0                        | 541                      | 145                      | 275                      | 121                      | 541                      |
| Paraguay                    | 68                       | 275                      | 0                        | 343                      | 18                       | 235                      | 90                       | 343                      |
| Pakistan                    | 3,261                    | 7,800                    | 850                      | 11,911                   | 9,225                    | 231                      | 2,455                    | 11,911                   |
| Tanzania, United Republic   | 121                      | 280                      | 0                        | 401                      | 55                       | 200                      | 146                      | 401                      |
| Azerbaijan, Republic of     | 62                       | 140                      | 0                        | 202                      | 7                        | 135                      | 60                       | 202                      |
| Zambia                      | 85                       | 240                      | 0                        | 325                      | 65                       | 115                      | 145                      | 325                      |
| Belgium-Luxembourg          | 40                       | 0                        | 275                      | 315                      | 190                      | 100                      | 25                       | 315                      |
| Ukraine                     | 64                       | 0                        | 150                      | 214                      | 50                       | 100                      | 64                       | 214                      |
| Nigeria                     | 174                      | 390                      | 70                       | 634                      | 390                      | 100                      | 144                      | 634                      |
| Kyrgyzstan, Republic of     | 36                       | 100                      | 0                        | 136                      | 15                       | 100                      | 21                       | 136                      |
| Mozambique                  | 35                       | 95                       | 5                        | 135                      | 10                       | 95                       | 30                       | 135                      |
| Subtotal                    | 36,279                   | 74,140                   | 7,302                    | 117,721                  | 60,548                   | 29,506                   | 27,667                   | 117,721                  |
| Others                      | 10,911                   | 13,850                   | 23,158                   | 47,919                   | 37,155                   | 1,123                    | 9,641                    | 47,919                   |
| Total world                 | 47,190                   | 87,990                   | 30,460                   | 165,641                  | 97,703                   | 30,629                   | 37,308                   | 165,641                  |

<sup>1</sup> Includes cotton destroyed or unaccounted for. <sup>2</sup> Bales of 480 pounds net weight.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-9516. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 2-22.—Sugarbeets: Area, yield, production, marketing year average price per ton received by farmers, and value, United States, 1994–2003<sup>1</sup>**

| Year              | Area        |             | Yield per harvested acre | Production | Price <sup>2 3</sup> | Value of production <sup>3</sup> |
|-------------------|-------------|-------------|--------------------------|------------|----------------------|----------------------------------|
|                   | Planted     | Harvested   |                          |            |                      |                                  |
|                   | 1,000 acres | 1,000 acres | Tons                     | 1,000 tons | Dollars              | 1,000 dollars                    |
| 1994 ...          | 1,475.8     | 1,443.0     | 22.1                     | 31,853     | 38.80                | 1,234,470                        |
| 1995 ...          | 1,444.6     | 1,420.1     | 19.8                     | 28,065     | 38.10                | 1,070,663                        |
| 1996 ...          | 1,368.4     | 1,323.3     | 20.2                     | 26,680     | 45.40                | 1,211,001                        |
| 1997 ...          | 1,459.3     | 1,428.3     | 20.9                     | 29,886     | 38.80                | 1,160,029                        |
| 1998 ...          | 1,497.8     | 1,450.7     | 22.4                     | 32,499     | 36.40                | 1,181,494                        |
| 1999 ...          | 1,560.6     | 1,527.3     | 21.9                     | 33,420     | 37.20                | 1,242,895                        |
| 2000 ...          | 1,564.2     | 1,373.0     | 23.7                     | 32,541     | 34.20                | 1,113,030                        |
| 2001 ...          | 1,365.3     | 1,241.1     | 20.7                     | 25,708     | 39.80                | 1,025,306                        |
| 2002 ...          | 1,427.3     | 1,360.7     | 20.4                     | 27,707     | 39.30                | 1,089,287                        |
| 2003 <sup>4</sup> | 1,365.4     | 1,347.9     | 22.7                     | 30,605     | NA                   | NA                               |

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in CA. <sup>2</sup> Prices do not include Government payments under the Sugar Act. <sup>3</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>4</sup> Preliminary. NA-not available.  
 NASS, Crops Branch, (202) 720-2127.

**Table 2-23.—Sugarbeets: Area, yield, and production, by States, 2001–2003<sup>1</sup>**

| State    | Area planted |             |             | Area harvested |             |             | Yield per harvested acre |      |      | Production |            |            |
|----------|--------------|-------------|-------------|----------------|-------------|-------------|--------------------------|------|------|------------|------------|------------|
|          | 2001         | 2002        | 2003        | 2001           | 2002        | 2003        | 2001                     | 2002 | 2003 | 2001       | 2002       | 2003       |
|          | 1,000 acres  | 1,000 acres | 1,000 acres | 1,000 acres    | 1,000 acres | 1,000 acres | Tons                     | Tons | Tons | 1,000 tons | 1,000 tons | 1,000 tons |
| CA ..... | 46.6         | 50.2        | 50.8        | 44.7           | 49.5        | 50.2        | 35.7                     | 39.6 | 36.5 | 1,596      | 1,960      | 1,832      |
| CO ..... | 41.5         | 43.9        | 28.6        | 36.8           | 39.5        | 27.4        | 22.4                     | 20.1 | 23.5 | 824        | 794        | 644        |
| ID ..... | 199.0        | 212.0       | 208.0       | 179.0          | 210.0       | 207.0       | 25.9                     | 24.3 | 29.3 | 4,636      | 5,103      | 6,065      |
| MI ..... | 180.0        | 179.0       | 179.0       | 166.0          | 177.0       | 178.0       | 19.4                     | 18.1 | 19.1 | 3,220      | 3,204      | 3,400      |
| MN ..... | 468.0        | 505.0       | 492.0       | 426.0          | 476.0       | 487.0       | 18.3                     | 18.6 | 20.6 | 7,796      | 8,854      | 10,032     |
| MT ..... | 57.4         | 58.0        | 51.7        | 53.5           | 55.9        | 51.5        | 21.5                     | 19.6 | 25.4 | 1,150      | 1,096      | 1,308      |
| NE ..... | 48.6         | 57.0        | 45.3        | 41.4           | 42.0        | 42.4        | 20.3                     | 18.1 | 20.3 | 840        | 760        | 861        |
| ND ..... | 261.0        | 265.0       | 259.0       | 237.0          | 258.0       | 255.0       | 18.1                     | 18.6 | 20.4 | 4,290      | 4,799      | 5,202      |
| OH ..... | 1.0          | 1.9         | 1.9         | 0.8            | 1.8         | 1.8         | 24.0                     | 20.6 | 25.5 | 19         | 37         | 46         |
| OR ..... | 11.9         | 11.3        | 9.7         | 9.7            | 11.0        | 9.5         | 29.9                     | 27.4 | 30.0 | 290        | 301        | 285        |
| WA ..... | 7.2          | 4.0         | 4.4         | 7.1            | 4.0         | 4.4         | 35.6                     | 35.0 | 40.5 | 253        | 140        | 178        |
| WY ..... | 43.1         | 40.0        | 35.0        | 39.1           | 36.0        | 33.7        | 20.3                     | 18.3 | 22.3 | 794        | 659        | 752        |
| US ..... | 1,365.3      | 1,427.3     | 1,365.4     | 1,241.1        | 1,360.7     | 1,347.9     | 20.7                     | 20.4 | 22.7 | 25,708     | 27,707     | 30,605     |

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in CA.  
 NASS, Crops Branch, (202) 720-2127.

**Table 2-24.—Sugarbeets: Production and value, by States, crop of 2001–2002<sup>1</sup>**

| State    | Production |            | Marketing year average price per ton received by farmers <sup>2</sup> |         | Value of production <sup>2</sup> |               |
|----------|------------|------------|---|---------|----------------------------------|---------------|
|          | 2001       | 2002       | 2001  | 2002    | 2001                             | 2002          |
|          | 1,000 tons | 1,000 tons | Dollars   | Dollars | 1,000 dollars                    | 1,000 dollars |
| CA ..... | 1,596      | 1,960      | 33.40   | 35.10   | 53,306                           | 69,182        |
| CO ..... | 824        | 794        | 34.20   | 36.80   | 28,181                           | 29,219        |
| ID ..... | 4,636      | 5,103      | 40.50   | 41.60   | 187,758                          | 212,285       |
| MI ..... | 3,220      | 3,204      | 34.80   | 38.20   | 112,056                          | 122,393       |
| MN ..... | 7,796      | 8,854      | 40.30   | 38.00   | 314,179                          | 336,452       |
| MT ..... | 1,150      | 1,096      | 38.80   | 41.00   | 44,620                           | 44,936        |
| NE ..... | 840        | 760        | 36.90   | 40.00   | 30,996                           | 30,400        |
| ND ..... | 4,290      | 4,799      | 46.10   | 41.00   | 197,769                          | 196,759       |
| OH ..... | 19         | 37         | 35.50   | 38.90   | 426                              | 1,439         |
| OR ..... | 290        | 301        | 40.50   | 41.60   | 11,745                           | 12,522        |
| WA ..... | 253        | 140        | 40.50   | 41.60   | 10,247                           | 5,824         |
| WY ..... | 794        | 659        | 39.70   | 42.30   | 34,023                           | 27,876        |
| US ..... | 25,708     | 27,707     | 39.80   | 39.30   | 1,025,306                        | 1,089,287     |

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in CA. <sup>2</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.  
 NASS, Crops Branch, (202) 720-2127.

**Table 2-25.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1994–2003**

| Year <sup>1</sup>       | Area harvested |             |             | Yield of cane per acre |          |                    | Production |            |            |
|-------------------------|----------------|-------------|-------------|------------------------|----------|--------------------|------------|------------|------------|
|                         | For sugar      | For seed    | Total       | For sugar              | For seed | For sugar and seed | For sugar  | For seed   | Total      |
|                         | 1,000 acres    | 1,000 acres | 1,000 acres | Tons                   | Tons     | Tons               | 1,000 tons | 1,000 tons | 1,000 tons |
| 1994 .....              | 881.7          | 55.1        | 936.8       | 33.3                   | 27.6     | 33.0               | 29,404     | 1,523      | 30,927     |
| 1995 .....              | 874.7          | 57.6        | 932.3       | 33.3                   | 28.5     | 33.0               | 29,137     | 1,642      | 30,779     |
| 1996 .....              | 829.5          | 59.4        | 888.9       | 33.4                   | 29.9     | 33.1               | 27,687     | 1,777      | 29,464     |
| 1997 .....              | 860.3          | 53.7        | 914.0       | 34.9                   | 31.8     | 34.7               | 30,003     | 1,706      | 31,709     |
| 1998 .....              | 888.3          | 58.8        | 947.1       | 36.9                   | 33.4     | 36.6               | 32,743     | 1,964      | 34,707     |
| 1999 .....              | 941.4          | 51.9        | 993.3       | 35.7                   | 33.2     | 35.5               | 33,577     | 1,722      | 35,299     |
| 2000 .....              | 976.7          | 55.6        | 1,032.3     | 35.1                   | 32.8     | 35.0               | 34,291     | 1,823      | 36,114     |
| 2001 .....              | 970.3          | 57.5        | 1,027.8     | 33.8                   | 31.5     | 33.7               | 32,775     | 1,812      | 34,587     |
| 2002 .....              | 971.9          | 51.3        | 1,023.2     | 34.9                   | 32.2     | 34.7               | 33,903     | 1,650      | 35,553     |
| 2003 <sup>2</sup> ..... | 933.9          | 62.9        | 996.8       | 34.7                   | 31.6     | 34.5               | 32,383     | 1,985      | 34,368     |

  

| Year <sup>1</sup> | Marketing year average price received by farmers per ton of sugarcane <sup>3,4</sup> | Value of production <sup>4</sup> |  |
|-------------------|--|----------------------------------|--|
|                   |  | Of cane used for sugar           | Of cane used for sugar and seed <sup>5</sup> |
|                   | Dollars  | 1,000 dollars                    | 1,000 dollars                                |
| 1994 .....        | 29.20  | 857,405                          | 900,765                                      |
| 1995 .....        | 29.50  | 859,057                          | 906,441                                      |
| 1996 .....        | 28.30  | 784,113                          | 833,297                                      |
| 1997 .....        | 28.10  | 842,840                          | 890,257                                      |
| 1998 .....        | 27.30  | 893,049                          | 944,562                                      |
| 1999 .....        | 25.60  | 859,175                          | 901,900                                      |
| 2000 .....        | 26.10  | 895,917                          | 941,791                                      |
| 2001 .....        | 29.00  | 951,813                          | 1,003,046                                    |
| 2002 .....        | 28.40  | 961,896                          | 1,007,142                                    |
| 2003 .....        | NA   | NA                               | NA   |

<sup>1</sup>In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins. <sup>2</sup>Preliminary. <sup>3</sup>Prices do not include Government payments under the Sugar Act. <sup>4</sup>Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>5</sup>Price per ton of cane for sugar used in evaluating value of production for seed. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 2-26.—Sugarcane for sugar and seed: Production and value, by States, crop of 2001–2002**

| State    | Sugarcane for sugar |            |                            |         |                                  |               | Sugar and seed: Value of production <sup>1</sup> |               |
|----------|---------------------|------------|----------------------------|---------|----------------------------------|---------------|--|---------------|
|          | Production          |            | Price per ton <sup>2</sup> |         | Value of production <sup>2</sup> |               | 2001   | 2002          |
|          | 2001                | 2002       | 2001                       | 2002    | 2001                             | 2002          |  |               |
|          | 1,000 tons          | 1,000 tons | Dollars                    | Dollars | 1,000 dollars                    | 1,000 dollars | 1,000 dollars                                    | 1,000 dollars |
| FL ..... | 15,620              | 16,929     | 31.70                      | 31.70   | 495,154                          | 536,649       | 517,915  | 559,600       |
| HI ..... | 1,878               | 2,109      | 30.80                      | 30.50   | 57,842                           | 64,325        | 59,505   | 65,850        |
| LA ..... | 13,340              | 13,160     | 25.70                      | 23.50   | 342,838                          | 309,260       | 368,924  | 329,212       |
| TX ..... | 1,937               | 1,705      | 28.90                      | 30.30   | 55,979                           | 51,662        | 56,702   | 52,480        |
| Total .. | 32,775              | 33,903     | 29.00                      | 28.40   | 951,813                          | 961,896       | 1,003,046  | 1,007,142     |

<sup>1</sup>Price per ton of cane for sugar used in evaluating value of production for seed. <sup>2</sup>Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720-2127.

**Table 2-27.—Sugarcane for sugar and seed: Area, yield, and production, by States, 2001–2003**

| State               | Sugarcane for sugar and seed <sup>1</sup> |                    |                    |                        |             |             |                   |                   |                   |
|---------------------|---|--------------------|--------------------|------------------------|-------------|-------------|-------------------|-------------------|-------------------|
|                     | Area harvested                            |                    |                    | Yield of cane per acre |             |             | Cane production   |                   |                   |
|                     | 2001                                      | 2002               | 2003               | 2001                   | 2002        | 2003        | 2001              | 2002              | 2003              |
|                     | <i>1,000 acres</i>                        | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Tons</i>            | <i>Tons</i> | <i>Tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> |
| For sugar:          |   |                    |                    |                        |             |             |                   |                   |                   |
| FL .....            | 445.0                                     | 442.0              | 421.0              | 35.1                   | 38.3        | 39.5        | 15,620            | 16,929            | 16,630            |
| HI .....            | 19.3                                      | 21.3               | 20.5               | 97.3                   | 99.0        | 99.2        | 1,878             | 2,109             | 2,034             |
| LA .....            | 460.0                                     | 465.0              | 450.0              | 29.0                   | 28.3        | 27.0        | 13,340            | 13,160            | 12,150            |
| TX .....            | 46.0                                      | 43.6               | 42.4               | 42.1                   | 39.1        | 37.0        | 1,937             | 1,705             | 1,569             |
| US .....            | 970.3                                     | 971.9              | 933.9              | 33.8                   | 34.9        | 34.7        | 32,775            | 33,903            | 32,383            |
| For seed:           |   |                    |                    |                        |             |             |                   |                   |                   |
| FL .....            | 20.0                                      | 19.0               | 20.0               | 35.9                   | 38.1        | 40.0        | 718               | 724               | 800               |
| HI .....            | 1.5                                       | 1.4                | 1.5                | 36.2                   | 35.5        | 37.6        | 54                | 50                | 56                |
| LA .....            | 35.0                                      | 30.0               | 40.0               | 29.0                   | 28.3        | 27.0        | 1,015             | 849               | 1,080             |
| TX .....            | 1.0                                       | 0.9                | 1.4                | 25.0                   | 30.0        | 35.0        | 25                | 27                | 49                |
| US .....            | 57.5                                      | 51.3               | 62.9               | 31.5                   | 32.2        | 31.6        | 1,812             | 1,650             | 1,985             |
| For sugar and seed: |   |                    |                    |                        |             |             |                   |                   |                   |
| FL .....            | 465.0                                     | 461.0              | 441.0              | 35.1                   | 38.3        | 39.5        | 16,338            | 17,653            | 17,430            |
| HI .....            | 20.8                                      | 22.7               | 22.0               | 92.9                   | 95.1        | 95.0        | 1,932             | 2,159             | 2,090             |
| LA .....            | 495.0                                     | 495.0              | 490.0              | 29.0                   | 28.3        | 27.0        | 14,355            | 14,009            | 13,230            |
| TX .....            | 47.0                                      | 44.5               | 43.8               | 41.7                   | 38.9        | 36.9        | 1,962             | 1,732             | 1,618             |
| US .....            | 1,027.8                                   | 1,023.2            | 996.8              | 33.7                   | 34.7        | 34.5        | 34,587            | 35,553            | 34,368            |

<sup>1</sup> In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins. NASS, Crops Branch, (202) 720-2127.

**Table 2-28.—Sugar, cane (raw value<sup>1</sup>): Refiners' raw stocks, receipts, meltings, continental United States, 1993–2002**

| Year       | Jan. 1 stocks     | Receipts <sup>2</sup> | Meltings          |
|------------|-------------------|-----------------------|-------------------|
|            | <i>1,000 tons</i> | <i>1,000 tons</i>     | <i>1,000 tons</i> |
| 1993 ..... | 507               | 5,113                 | 5,225             |
| 1994 ..... | 438               | 5,420                 | 5,425             |
| 1995 ..... | 448               | 5,220                 | 5,323             |
| 1996 ..... | 334               | 6,071                 | 6,072             |
| 1997 ..... | 323               | 5,955                 | 5,954             |
| 1998 ..... | 322               | 5,636                 | 5,704             |
| 1999 ..... | 332               | 5,558                 | 5,646             |
| 2000 ..... | 356               | 5,543                 | 5,575             |
| 2001 ..... | 274               | 5,362                 | 5,221             |
| 2002 ..... | 351               | 5,607                 | 5,681             |

<sup>1</sup> Raw value is the equivalent in terms of 96° sugar. <sup>2</sup> Receipts include refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quota and raw cane sugar produced from sugarcane in the continental United States.

FSA, Dairy and Sweeteners Analysis, (202) 720-6733.



**Table 2-29.—Sugar (Centrifugal Sugar, raw value): Production in specified countries, 2000/2001–2002/2003<sup>1</sup>**

| Continent and country         | 2000/2001                | 2001/2002                | 2002/2003 <sup>2</sup>   |
|-------------------------------|--------------------------|--------------------------|--------------------------|
|                               | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| <b>North America:</b>         |                          |                          |                          |
| Canada .....                  | 7,174                    | 7,600                    | 8,070                    |
| Mexico .....                  | 88                       | 54                       | 98                       |
| United States .....           | 5,169                    | 5,229                    | 5,464                    |
| Total .....                   | 12,431                   | 12,883                   | 13,632                   |
| <b>Caribbean:</b>             |                          |                          |                          |
| Cuba .....                    | 3,700                    | 2,000                    | 2,000                    |
| Dominican Republic .....      | 460                      | 490                      | 495                      |
| Other .....                   | 428                      | 397                      | 400                      |
| Total .....                   | 4,588                    | 2,887                    | 2,895                    |
| <b>Central America:</b>       |                          |                          |                          |
| Guatemala .....               | 1,965                    | 1,900                    | 1,900                    |
| Other .....                   | 1,795                    | 1,823                    | 1,867                    |
| Total .....                   | 3,760                    | 3,723                    | 3,767                    |
| <b>South America:</b>         |                          |                          |                          |
| Brazil .....                  | 20,400                   | 23,810                   | 24,780                   |
| Colombia .....                | 2,465                    | 2,565                    | 2,680                    |
| Argentina .....               | 1,600                    | 1,650                    | 1,650                    |
| Other .....                   | 3,501                    | 3,645                    | 3,620                    |
| Total .....                   | 27,966                   | 31,670                   | 32,730                   |
| <b>Western Europe:</b>        |                          |                          |                          |
| European Union .....          | 16,153                   | 18,675                   | 17,132                   |
| Other Western Europe .....    | 190                      | 236                      | 209                      |
| Total .....                   | 16,343                   | 18,911                   | 17,341                   |
| <b>Eastern Europe:</b>        |                          |                          |                          |
| Poland .....                  | 1,674                    | 2,194                    | 2,065                    |
| Ukraine .....                 | 1,790                    | 1,550                    | 1,400                    |
| Russian Federation .....      | 1,630                    | 1,580                    | 1,800                    |
| Other .....                   | 2,253                    | 2,138                    | 2,223                    |
| Total .....                   | 7,347                    | 7,462                    | 7,488                    |
| <b>Africa:</b>                |                          |                          |                          |
| South Africa, Rep. ....       | 2,542                    | 2,931                    | 2,527                    |
| Other .....                   | 5,481                    | 5,321                    | 5,481                    |
| Total .....                   | 8,023                    | 8,252                    | 8,008                    |
| <b>Middle East:</b>           |                          |                          |                          |
| Egypt .....                   | 1,408                    | 1,340                    | 1,365                    |
| Turkey .....                  | 1,796                    | 2,345                    | 1,875                    |
| Other .....                   | 1,065                    | 1,241                    | 1,502                    |
| Total .....                   | 4,269                    | 4,926                    | 4,742                    |
| <b>Asia and Oceania:</b>      |                          |                          |                          |
| India .....                   | 20,475                   | 22,100                   | 19,880                   |
| China, Peoples Republic ..... | 8,305                    | 10,637                   | 10,070                   |
| Thailand .....                | 6,397                    | 7,303                    | 7,690                    |
| Australia .....               | 4,662                    | 5,371                    | 5,114                    |
| Pakistan .....                | 3,453                    | 3,944                    | 4,037                    |
| Indonesia .....               | 1,725                    | 1,755                    | 1,900                    |
| Philippines .....             | 1,900                    | 2,160                    | 2,240                    |
| Japan .....                   | 833                      | 870                      | 820                      |
| Other .....                   | 2,411                    | 2,482                    | 2,281                    |
| Total .....                   | 50,161                   | 56,622                   | 54,032                   |
| <b>World total .....</b>      | <b>134,888</b>           | <b>147,336</b>           | <b>144,635</b>           |

<sup>1</sup> The following countries are no longer separately identified, Caribbean: Barbados, Haiti, Jamaica, St. Kitts and Nevis, Trinidad and Tobago, Central America; Belize, Costa Rica, El Salvador, Honduras, Nicaragua, Panama, East Europe; Albania, Bulgaria, Croatia, Czech Republic, Former Soviet Union; Belarus, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Middle East; Iran, Iraq, Lebanon, Syria, North Africa; Morocco, Sudan, Tunisia, Oceania; Fiji, Papua New Guinea, Other Africa; Cote de Ivoire, Ethiopia, Kenya, Malawi, Mauritius, Nigeria, Swaziland, Tanzania, Zaire, Zimbabwe, Other Asia; Bangladesh, Bhutan, Burma, Japan, Malaysia, Nepal, Sri Lanka, Taiwan, Vietnam, South America; Bolivia, Chile, Ecuador, Guyana, Paraguay, Peru, Surinam, Uruguay, Venezuela, Other Western Europe; Switzerland. <sup>2</sup> Crop years are on a September/August basis, but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin in September. <sup>3</sup> Preliminary.

FAS, Horticulture and Tropical Products Division, (202) 720-4720. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 2-30.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1994–2003**

| Item and year                    | Cane sugar refineries | Beet sugar factories | Importers of direct consumption sugar | Mainland cane sugar mills <sup>1</sup> | Total             |
|----------------------------------|-----------------------|----------------------|---------------------------------------|--|-------------------|
| <b>JAN. 1 STOCKS<sup>2</sup></b> | <i>1,000 tons</i>     | <i>1,000 tons</i>    | <i>1,000 tons</i>                     | <i>1,000 tons</i>                      | <i>1,000 tons</i> |
| 1994 .....                       | 218                   | 1,696                | 0                                     | 13                                     | 1,927             |
| 1995 .....                       | 192                   | 1,600                | 0                                     | 13                                     | 1,805             |
| 1996 .....                       | 195                   | 1,383                | 0                                     | 12                                     | 1,590             |
| 1997 .....                       | 196                   | 1,520                | 0                                     | 18                                     | 1,734             |
| 1998 .....                       | 212                   | 1,535                | 0                                     | 22                                     | 1,769             |
| 1999 .....                       | 255                   | 1,499                | 0                                     | 22                                     | 1,776             |
| 2000 .....                       | 208                   | 1,554                | 0                                     | 22                                     | 1,784             |
| 2001 .....                       | 262                   | 1,972                | 0                                     | 19                                     | 2,253             |
| 2002 .....                       | 288                   | 1,812                | 0                                     | 18                                     | 2,118             |
| 2003 .....                       | 298                   | 1,367                | 0                                     | 7                                      | 1,672             |
| <b>PRODUCTION OR RECEIPTS</b>    |                       |                      |                                       |  |                   |
| 1993 .....                       | 4,760                 | 4,249                | 51                                    | 14                                     | 9,074             |
| 1994 .....                       | 5,531                 | 4,269                | 78                                    | 20                                     | 9,898             |
| 1995 .....                       | 5,366                 | 4,471                | 44                                    | 14                                     | 9,895             |
| 1996 .....                       | 6,074                 | 4,149                | 33                                    | 19                                     | 10,275            |
| 1997 .....                       | 5,968                 | 4,117                | 27                                    | 20                                     | 10,132            |
| 1998 .....                       | 5,811                 | 4,431                | 24                                    | 23                                     | 10,289            |
| 1999 .....                       | 5,840                 | 4,767                | 40                                    | 24                                     | 10,671            |
| 2000 .....                       | 5,681                 | 6,014                | 37                                    | 32                                     | 11,764            |
| 2001 .....                       | 5,467                 | 4,839                | 58                                    | 26                                     | 10,390            |
| 2002 .....                       | 5,896                 | 4,258                | 109                                   | 10                                     | 10,273            |
| <b>DELIVERIES<sup>3</sup></b>    |                       |                      |                                       |  |                   |
| 1993 .....                       | 4,673                 | 3,954                | 51                                    | 15                                     | 8,693             |
| 1994 .....                       | 5,530                 | 4,329                | 78                                    | 12                                     | 9,949             |
| 1995 .....                       | 5,397                 | 4,645                | 44                                    | 15                                     | 10,101            |
| 1996 .....                       | 6,074                 | 4,007                | 33                                    | 14                                     | 10,128            |
| 1997 .....                       | 5,940                 | 4,060                | 27                                    | 16                                     | 10,043            |
| 1998 .....                       | 5,708                 | 4,410                | 24                                    | 20                                     | 10,162            |
| 1999 .....                       | 5,777                 | 4,678                | 40                                    | 24                                     | 10,519            |
| 2000 .....                       | 5,738                 | 5,573                | 37                                    | 15                                     | 11,363            |
| 2001 .....                       | 5,538                 | 4,961                | 58                                    | 13                                     | 10,570            |
| 2002 .....                       | 5,768                 | 4,596                | 109                                   | 17                                     | 10,480            |

<sup>1</sup> Sugar for human consumption only. <sup>2</sup> Stocks include sugar in bond and in Customs custody and control. <sup>3</sup> Consists of all refined sugar.

FSA, Dairy and Sweeteners Analysis, (202) 720-6733.

**Table 2-31.—Sugar (raw and refined): Average price per pound at specified markets, 1994–2003**

| Year       | Cane sugar                         |                            | Refined beet: Mid-west | Retail price, granulated: United States |
|------------|------------------------------------|----------------------------|------------------------|---|
|            | Raw, 96 centrifugal                |                            |                        |   |
|            | Caribbean ports, f.o.b. and stowed | New York, c.i.f. duty paid |                        |   |
|            | <i>Cents</i>                       | <i>Cents</i>               | <i>Cents</i>           | <i>Cents</i>                            |
| 1994 ..... | 12.13                              | 22.0                       | 25.1                   | 39.9                                    |
| 1995 ..... | 13.44                              | 22.9                       | 25.8                   | 39.83                                   |
| 1996 ..... | 12.24                              | 22.40                      | 29.2                   | 41.79                                   |
| 1997 ..... | 12.06                              | 21.96                      | 27.09                  | 43.26                                   |
| 1998 ..... | 9.68                               | 22.06                      | 26.12                  | 42.98                                   |
| 1999 ..... | 6.54                               | 21.16                      | 26.71                  | 43.27                                   |
| 2000 ..... | 8.51                               | 19.09                      | 20.80                  | 42.41                                   |
| 2001 ..... | 9.12                               | 21.11                      | 23.31                  | 43.42                                   |
| 2002 ..... | 7.88                               | 20.87                      | 25.79                  | 43.42                                   |
| 2003 ..... | 7.51                               | 21.42                      | 26.21                  | 42.73                                   |

ERS, Specialty Crops Branch, (202) 694-5247. Compiled from the following sources: (New York) Coffee, Sugar & Cocoa Exchange; the U.S. Department of Labor, Bureau of Labor Statistics; Milling and Baking News.

**Table 2-32.—Sugar, cane and beet: Imports and domestic marketings, by source of supply, continental United States, 2000–2002<sup>1</sup>**

| Country or area of supply            | 2000              | 2001              | 2002              |
|--------------------------------------|-------------------|-------------------|-------------------|
|                                      | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> |
| Argentina .....                      | 44,940            | 24,748            | 65,709            |
| Australia .....                      | 86,167            | 95,674            | 86,144            |
| Belgium-Luxembourg .....             | 342               | 364               | 95                |
| Belize .....                         | 14,169            | 37,413            | 51,816            |
| Bolivia .....                        | 6,304             | 8,329             | 8,404             |
| Brazil .....                         | 157,225           | 204,836           | 159,994           |
| Canada .....                         | 17,770            | 22,319            | 20,967            |
| Colombia .....                       | 61,584            | 43,274            | 73,386            |
| Congo (Brazzaville) .....            | 0                 | 7,258             | 7,258             |
| Costa Rica .....                     | 32,955            | 60,979            | 15,809            |
| Cote d'Ivoire .....                  | 7,206             | 7,245             | 0                 |
| Dominican Republic .....             | 183,086           | 174,719           | 182,771           |
| Ecuador .....                        | 11,530            | 11,513            | 0                 |
| El Salvador .....                    | 62,785            | 46,776            | 93,718            |
| Guatemala .....                      | 218,119           | 109,903           | 76,165            |
| Guyana .....                         | 12,564            | 25,083            | 12,517            |
| Honduras .....                       | 5,788             | 22,961            | 11,065            |
| Hong Kong .....                      | 221               | 475               | 0                 |
| India .....                          | 257               | 172               | 9,074             |
| Madagascar .....                     | 7,249             | 6,469             | 5,876             |
| Malawi .....                         | 10,833            | 10,531            | 10,531            |
| Mauritius .....                      | 5,844             | 12,505            | 3,843             |
| Mexico .....                         | 86,022            | 138,277           | 167,446           |
| Mozambique .....                     | 13,275            | 13,690            | 13,099            |
| Netherlands .....                    | 80                | 40                | 5                 |
| Nicaragua .....                      | 64,194            | 22,079            | 22,114            |
| Other Pacific Islands, NE .....      | 9,414             | 9,364             | 9,382             |
| Panama .....                         | 60,559            | 49,311            | 31,678            |
| Papua New Guinea .....               | 7,204             | 7,195             | 7,069             |
| Paraguay .....                       | 14,040            | 17,467            | 15,920            |
| Peru .....                           | 22,622            | 43,110            | 43,183            |
| Philippines .....                    | 94,789            | 92,829            | 79,404            |
| South Africa, Republic of .....      | 23,976            | 23,909            | 40,634            |
| Swaziland .....                      | 16,872            | 17,060            | 16,485            |
| Taiwan .....                         | 12,383            | 12,500            | 12,639            |
| Thailand .....                       | 14,636            | 14,594            | 8                 |
| Trinidad and Tobago .....            | 7,372             | 8,963             | 7,343             |
| Uruguay .....                        | 7,043             | 7,256             | 7,193             |
| Zimbabwe .....                       | 12,766            | 13,651            | 12,637            |
| Other countries .....                | 1,251             | 1,016             | 1,246             |
| <b>Total foreign countries .....</b> | <b>1,415,435</b>  | <b>1,425,856</b>  | <b>1,382,635</b>  |
| <b>Domestic areas:</b>               |                   |                   |                   |
| Mainland (beet) .....                | 5,573             | 4,961             | 4,596             |
| Mainland and Hawaii (cane) .....     | 5,708             | 5,524             | 5,775             |
| Puerto Rico .....                    | 44                | 27                | 10                |
| <b>Total domestic areas .....</b>    | <b>11,325</b>     | <b>10,512</b>     | <b>10,381</b>     |
| <b>Grand total .....</b>             | <b>1,426,760</b>  | <b>1,436,368</b>  | <b>1,393,016</b>  |

<sup>1</sup> Source: U.S. Census.

FSA, Dairy and Sweeteners Analysis Division, (202) 720-6733 (Domestic). FAS, (202) 720-1061 (Imports).

**Table 2-33.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States includes Puerto Rico, 1994–2003**

| Year                    | Production              | Visible stocks beginning of period | Imports                 | Exports                 | Total deliveries        |
|-------------------------|-------------------------|------------------------------------|-------------------------|-------------------------|-------------------------|
|                         | <i>1,000 short tons</i> | <i>1,000 short tons</i>            | <i>1,000 short tons</i> | <i>1,000 short tons</i> | <i>1,000 short tons</i> |
| 1994 .....              | 7,668                   | 3,503                              | 1,791                   | 479                     | 9,322                   |
| 1995 .....              | 7,978                   | 3,145                              | 1,760                   | 518                     | 9,451                   |
| 1996 .....              | 7,268                   | 2,908                              | 2,927                   | 331                     | 9,619                   |
| 1997 .....              | 7,419                   | 3,195                              | 2,677                   | 187                     | 9,755                   |
| 1998 .....              | 7,891                   | 3,377                              | 2,148                   | 203                     | 9,854                   |
| 1999 .....              | 9,083                   | 3,422                              | 1,606                   | 203                     | 10,167                  |
| 2000 .....              | 8,962                   | 3,855                              | 1,639                   | 109                     | 10,091                  |
| 2001 .....              | 8,642                   | 4,337                              | 1,643                   | 147                     | 10,075                  |
| 2002 .....              | 7,504                   | 4,525                              | 1,574                   | 136                     | 9,994                   |
| 2003 <sup>1</sup> ..... | 8,742                   | 3,432                              | 1,567                   | 148                     | 9,750                   |

<sup>1</sup> Preliminary

ERS, Specialty Crops Branch, (202) 694-5247.

**Table 2-34.—Sugar, centrifugal (raw value): United States exports, by country of destination, 2001–2003<sup>1</sup>**

| Country of destination               | 2001               | 2002               | 2003 <sup>2</sup>  |
|--------------------------------------|--------------------|--------------------|--------------------|
|                                      | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| Argentina .....                      | 593                | 9                  | 0                  |
| Australia .....                      | 877                | 659                | 179                |
| Bahamas, The .....                   | 4,463              | 3,782              | 4,629              |
| Bahrain .....                        | 0                  | 0                  | 103                |
| Barbados .....                       | 718                | 515                | 1,167              |
| Belgium-Luxembourg .....             | 89                 | 7                  | 0                  |
| Belize .....                         | 0                  | 82                 | 0                  |
| Bolivia .....                        | 3                  | 103                | 0                  |
| Botswana .....                       | 22                 | 68                 | 46                 |
| Brazil .....                         | 2,889              | 1,707              | 610                |
| Canada .....                         | 15,094             | 15,762             | 11,619             |
| Cayman Islands .....                 | 321                | 371                | 250                |
| Chile .....                          | 123                | 56                 | 44                 |
| China, Peoples Republic .....        | 199                | 13                 | 52                 |
| Colombia .....                       | 262                | 1,398              | 6,317              |
| Costa Rica .....                     | 143                | 140                | 0                  |
| Denmark .....                        | 0                  | 44                 | 92                 |
| Dominican Republic .....             | 286                | 750                | 414                |
| Ecuador .....                        | 168                | 9                  | 2                  |
| Egypt .....                          | 204                | 1,745              | 989                |
| El Salvador .....                    | 0                  | 31                 | 0                  |
| Estonia .....                        | 0                  | 0                  | 19                 |
| France .....                         | 258                | 210                | 409                |
| French West Indies .....             | 188                | 22                 | 0                  |
| Germany .....                        | 1,160              | 1,137              | 1,028              |
| Ghana .....                          | 5                  | 14                 | 17                 |
| Greece .....                         | 57                 | 58                 | 0                  |
| Guatemala .....                      | 868                | 315                | 912                |
| Guyana .....                         | 21                 | 0                  | 0                  |
| Haiti .....                          | 4                  | 9,746              | 251                |
| Honduras .....                       | 20                 | 12                 | 5                  |
| Hong Kong .....                      | 171                | 36                 | 801                |
| Hungary .....                        | 0                  | 1                  | 0                  |
| Iceland .....                        | 0                  | 0                  | 24                 |
| India .....                          | 0                  | 18                 | 17                 |
| Indonesia .....                      | 12                 | 0                  | 132                |
| Ireland .....                        | 221                | 55                 | 117                |
| Israel .....                         | 64                 | 22                 | 211                |
| Italy .....                          | 45                 | 26                 | 0                  |
| Jamaica .....                        | 30,943             | 26,170             | 15,455             |
| Japan .....                          | 258                | 140                | 270                |
| Jordan .....                         | 447                | 303                | 424                |
| Korea, Republic of .....             | 33                 | 753                | 2,622              |
| Kuwait .....                         | 6                  | 3                  | 254                |
| Lebanon .....                        | 7                  | 0                  | 3                  |
| Leeward-Windward Island .....        | 913                | 790                | 1,148              |
| Lithuania .....                      | 0                  | 0                  | 14                 |
| Macau .....                          | 14                 | 0                  | 0                  |
| Malaysia .....                       | 0                  | 0                  | 22                 |
| Mexico .....                         | 10,134             | 5,718              | 9,208              |
| Netherlands .....                    | 2,186              | 167                | 3,480              |
| Netherlands Antilles .....           | 2,220              | 1,859              | 2,298              |
| New Zealand .....                    | 178                | 505                | 439                |
| Nicaragua .....                      | 12                 | 24                 | 0                  |
| Nigeria .....                        | 0                  | 0                  | 6                  |
| Norway .....                         | 0                  | 0                  | 28                 |
| Pakistan .....                       | 11                 | 231                | 0                  |
| Panama .....                         | 6,800              | 239                | 40                 |
| Peru .....                           | 26                 | 11,780             | 21                 |
| Philippines .....                    | 98                 | 166                | 524                |
| Qatar .....                          | 0                  | 62                 | 11                 |
| Russian Federation .....             | 232                | 324                | 491                |
| Saudi Arabia .....                   | 52                 | 42                 | 5                  |
| Singapore .....                      | 21                 | 56                 | 503                |
| South Africa, Republic .....         | 0                  | 0                  | 50                 |
| Spain .....                          | 0                  | 1                  | 46                 |
| Sweden .....                         | 197                | 414                | 6                  |
| Switzerland .....                    | 0                  | 0                  | 22                 |
| Syria .....                          | 0                  | 0                  | 16,430             |
| Taiwan .....                         | 86                 | 0                  | 83                 |
| Thailand .....                       | 0                  | 35                 | 274                |
| Trinidad and Tobago .....            | 5,064              | 10                 | 6,320              |
| Turkey .....                         | 0                  | 11                 | 26                 |
| Turks and Caicos Island .....        | 158                | 170                | 63                 |
| Ukraine .....                        | 0                  | 0                  | 0                  |
| United Arab Emirates .....           | 3                  | 0                  | 29                 |
| United Kingdom .....                 | 515                | 566                | 846                |
| Uruguay .....                        | 159                | 3                  | 24                 |
| Venezuela .....                      | 4,401              | 118                | 0                  |
| Yemen .....                          | 0                  | 4                  | 3                  |
| <b>Grand total<sup>3</sup> .....</b> | <b>94,727</b>      | <b>89,586</b>      | <b>91,946</b>      |

<sup>1</sup> Data are actual weight x 1.07. <sup>2</sup> October–March. <sup>3</sup> Numbers may not add due to rounding.

**Table 2-35.—Sugar, centrifugal (raw value): International trade in marketing years  
2001/2002–2003/2004**

| Continent and country                | 2001/2002               |                         | 2002/2003               |                         | 2003/2004 <sup>1</sup>  |                         |
|--------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                                      | Exports                 | Imports                 | Exports                 | Imports                 | Exports                 | Imports                 |
|                                      | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons |
| <b>North America:</b>                |                         |                         |                         |                         |                         |                         |
| United States .....                  | 124                     | 1,393                   | 129                     | 1,554                   | 145                     | 1,437                   |
| Canada .....                         | 14                      | 1,239                   | 18                      | 1,190                   | 157                     | 1,350                   |
| Mexico .....                         | 413                     | 52                      | 46                      | 65                      | 66                      | 103                     |
| <b>Total .....</b>                   | <b>551</b>              | <b>2,684</b>            | <b>193</b>              | <b>2,809</b>            | <b>368</b>              | <b>2,890</b>            |
| <b>Caribbean:</b>                    |                         |                         |                         |                         |                         |                         |
| Cuba .....                           | 3,100                   | 0                       | 1,350                   | 16                      | 1,250                   | 15                      |
| Dominican Republic .....             | 185                     | 0                       | 185                     | 261                     | 185                     | 252                     |
| Other .....                          | 316                     | 0                       | 285                     | 5                       | 285                     | 0                       |
| <b>Total .....</b>                   | <b>3,601</b>            | <b>0</b>                | <b>1,820</b>            | <b>282</b>              | <b>1,720</b>            | <b>267</b>              |
| <b>Central America:</b>              |                         |                         |                         |                         |                         |                         |
| Guatemala .....                      | 1,310                   | 64                      | 1,335                   | 56                      | 1,335                   | 57                      |
| Other .....                          | 781                     | 1                       | 806                     | 1                       | 868                     | 1                       |
| <b>Total .....</b>                   | <b>2,091</b>            | <b>65</b>               | <b>2,141</b>            | <b>57</b>               | <b>2,203</b>            | <b>58</b>               |
| <b>South America:</b>                |                         |                         |                         |                         |                         |                         |
| Brazil .....                         | 11,600                  | 892                     | 14,000                  | 577                     | 14,250                  | 649                     |
| Colombia .....                       | 1,085                   | 2,025                   | 1,264                   | 2,150                   | 1,265                   | 1,900                   |
| Argentina .....                      | 137                     | 470                     | 270                     | 341                     | 210                     | 365                     |
| Other .....                          | 496                     | 97                      | 517                     | 85                      | 631                     | 55                      |
| <b>Total .....</b>                   | <b>13,318</b>           | <b>3,484</b>            | <b>16,051</b>           | <b>3,153</b>            | <b>16,356</b>           | <b>2,969</b>            |
| <b>Western Union:</b>                |                         |                         |                         |                         |                         |                         |
| European Union .....                 | 4,793                   | 250                     | 5,600                   | 1,400                   | 4,900                   | 1,050                   |
| Other .....                          | 4                       | 4,850                   | 5                       | 3,900                   | 5                       | 3,800                   |
| <b>Total .....</b>                   | <b>4,797</b>            | <b>5,100</b>            | <b>5,605</b>            | <b>5,300</b>            | <b>4,905</b>            | <b>4,850</b>            |
| <b>East Europe:</b>                  |                         |                         |                         |                         |                         |                         |
| Poland .....                         | 61                      | 2,949                   | 434                     | 3,312                   | 435                     | 2,782                   |
| Ukraine .....                        | 90                      | 263                     | 350                     | 269                     | 400                     | 253                     |
| Russian Federation .....             | 410                     | 4,593                   | 260                     | 5,189                   | 110                     | 5,444                   |
| Other .....                          | 822                     | 1,102                   | 954                     | 1,100                   | 831                     | 900                     |
| <b>Total .....</b>                   | <b>1,383</b>            | <b>8,907</b>            | <b>1,998</b>            | <b>9,870</b>            | <b>1,776</b>            | <b>9,379</b>            |
| <b>Middle East:</b>                  |                         |                         |                         |                         |                         |                         |
| Egypt .....                          | 52                      | 100                     | 0                       | 20                      | 150                     | 0                       |
| Turkey .....                         | 378                     | 1,375                   | 116                     | 600                     | 100                     | 585                     |
| Other .....                          | 1,003                   | 5                       | 1,329                   | 5                       | 1,352                   | 5                       |
| <b>Total .....</b>                   | <b>1,433</b>            | <b>1,480</b>            | <b>1,445</b>            | <b>625</b>              | <b>1,602</b>            | <b>590</b>              |
| <b>Other Africa:</b>                 |                         |                         |                         |                         |                         |                         |
| South Africa, Rep .....              | 1,235                   | 1                       | 1,565                   | 1                       | 1,300                   | 0                       |
| Other .....                          | 1,803                   | 5,444                   | 1,705                   | 6,214                   | 1,725                   | 5,597                   |
| <b>Total .....</b>                   | <b>3,038</b>            | <b>5,445</b>            | <b>3,270</b>            | <b>6,215</b>            | <b>3,025</b>            | <b>5,597</b>            |
| <b>Asia and Oceania:</b>             |                         |                         |                         |                         |                         |                         |
| India .....                          | 1,130                   | 32                      | 1,950                   | 0                       | 1,300                   | 0                       |
| China, Peoples Republic .....        | 460                     | 1,600                   | 120                     | 1,650                   | 115                     | 1,850                   |
| Thailand .....                       | 4,157                   | 109                     | 5,100                   | 0                       | 5,800                   | 0                       |
| Australia .....                      | 3,594                   | 1,407                   | 4,220                   | 1,466                   | 3,893                   | 1,402                   |
| Pakistan .....                       | 0                       | 7,094                   | 107                     | 7,742                   | 324                     | 7,385                   |
| Indonesia .....                      | 5                       | 0                       | 0                       | 0                       | 0                       | 0                       |
| Philippines .....                    | 142                     | 0                       | 142                     | 0                       | 142                     | 0                       |
| Japan .....                          | 10                      | 0                       | 10                      | 0                       | 10                      | 0                       |
| Other Asia and Oceania .....         | 1,518                   | 0                       | 1,550                   | 0                       | 1,588                   | 0                       |
| <b>Total .....</b>                   | <b>11,016</b>           | <b>10,242</b>           | <b>11,649</b>           | <b>10,858</b>           | <b>11,584</b>           | <b>10,637</b>           |
| <b>World total<sup>2</sup> .....</b> | <b>41,228</b>           | <b>37,407</b>           | <b>44,172</b>           | <b>39,169</b>           | <b>43,539</b>           | <b>37,237</b>           |

<sup>1</sup> Preliminary. <sup>2</sup> The following countries are no longer separately identified, Caribbean: Barbados, Haiti, Jamaica, St. Kitts and Nevis, Trinidad and Tobago, Central America: Belize, Costa Rica, El Salvador, Honduras, Nicaragua, Panama, East Europe: Albania, Bulgaria, Other Africa: Cote de Ivoire, Ethiopia, Kenya, Malawi, Mauritius, Nigeria, Swaziland, Tanzania, Zaire, Zimbabwe, Other Asia: Bangladesh, Bhutan, Burma, Japan, Malaysia, Nepal, Sri Lanka, Taiwan, Vietnam, South America: Bolivia, Chile, Ecuador, Guyana, Paraguay.

FAS, Horticultural and Tropical Product Division, (202) 720-4720. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Offices.

**Table 2-36.—Sugar, centrifugal (raw value): United States imports, by country of origin, 2001–2003<sup>1 2</sup>**

| Country of origin              | 2001                     | 2002                     | 2003 <sup>3</sup>        |
|--------------------------------|--------------------------|--------------------------|--------------------------|
|                                | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| Argentina .....                | 44,940                   | 24,748                   | 65,709                   |
| Armenia, Republic of .....     | 0                        | 21                       | 0                        |
| Australia .....                | 86,167                   | 95,674                   | 86,144                   |
| Belgium-Luxembourg .....       | 342                      | 364                      | 95                       |
| Belize .....                   | 14,169                   | 37,413                   | 51,816                   |
| Bolivia .....                  | 6,304                    | 8,329                    | 8,404                    |
| Bosnia-Herzegovina .....       | 0                        | 6                        | 12                       |
| Brazil .....                   | 157,225                  | 204,836                  | 159,994                  |
| Canada .....                   | 17,770                   | 22,319                   | 20,967                   |
| Chile .....                    | 0                        | 0                        | 33                       |
| China, Peoples Republic .....  | 1,014                    | 355                      | 419                      |
| Colombia .....                 | 61,584                   | 43,274                   | 73,386                   |
| Congo (Brazzaville) .....      | 0                        | 7,258                    | 7,258                    |
| Costa Rica .....               | 32,955                   | 60,979                   | 15,809                   |
| Cote d'Ivoire .....            | 7,206                    | 7,245                    | 0                        |
| Croatia .....                  | 0                        | 1                        | 34                       |
| Czech Republic .....           | 0                        | 0                        | 14                       |
| Dominican Republic .....       | 183,086                  | 174,719                  | 182,771                  |
| Ecuador .....                  | 11,530                   | 11,513                   | 0                        |
| El Salvador .....              | 62,785                   | 46,776                   | 93,718                   |
| Finland .....                  | 89                       | 108                      | 102                      |
| France .....                   | 30                       | 65                       | 186                      |
| Germany .....                  | 14                       | 19                       | 8                        |
| Guatemala .....                | 218,119                  | 109,903                  | 76,165                   |
| Guyana .....                   | 12,564                   | 25,083                   | 12,517                   |
| Honduras .....                 | 5,788                    | 22,961                   | 11,065                   |
| Hong Kong .....                | 221                      | 475                      | 0                        |
| Hungary .....                  | 1                        | 24                       | 0                        |
| India .....                    | 257                      | 172                      | 9,074                    |
| Iran .....                     | 0                        | 0                        | 1                        |
| Ireland .....                  | 0                        | 274                      | 90                       |
| Israel .....                   | 1                        | 0                        | 0                        |
| Italy .....                    | 55                       | 2                        | 50                       |
| Jamaica .....                  | 0                        | 0                        | 0                        |
| Japan .....                    | 3                        | 14                       | 0                        |
| Jordan .....                   | 0                        | 0                        | 11                       |
| Korea, Republic of .....       | 3                        | 5                        | 3                        |
| Kuwait .....                   | 0                        | 9                        | 0                        |
| Madagascar .....               | 7,249                    | 6,469                    | 5,876                    |
| Malawi .....                   | 10,833                   | 10,531                   | 10,531                   |
| Malta & Gozo .....             | 13                       | 38                       | 0                        |
| Mauritius .....                | 5,844                    | 12,505                   | 3,843                    |
| Mexico .....                   | 86,022                   | 138,277                  | 167,446                  |
| Mozambique .....               | 13,275                   | 13,690                   | 13,099                   |
| Netherlands .....              | 80                       | 40                       | 5                        |
| Nicaragua .....                | 64,194                   | 22,079                   | 22,114                   |
| Other Pacific Islands .....    | 9,414                    | 9,364                    | 9,382                    |
| Panama .....                   | 60,559                   | 49,311                   | 31,678                   |
| Papua New Guinea .....         | 7,204                    | 7,195                    | 7,069                    |
| Paraguay .....                 | 14,040                   | 17,467                   | 15,920                   |
| Peru .....                     | 22,622                   | 43,110                   | 43,183                   |
| Philippines .....              | 94,789                   | 92,829                   | 79,404                   |
| Poland .....                   | 0                        | 28                       | 11                       |
| Russian Federation .....       | 0                        | 0                        | 19                       |
| Saudi Arabia .....             | 3                        | 0                        | 219                      |
| South Africa, Republic .....   | 23,976                   | 23,909                   | 40,634                   |
| Swaziland .....                | 16,872                   | 17,060                   | 16,485                   |
| Sweden .....                   | 6                        | 6                        | 6                        |
| Taiwan .....                   | 12,383                   | 12,500                   | 12,639                   |
| Thailand .....                 | 14,636                   | 14,594                   | 8                        |
| Trinidad and Tobago .....      | 7,372                    | 8,963                    | 7,343                    |
| Turkey .....                   | 17                       | 18                       | 19                       |
| Ukraine .....                  | 0                        | 0                        | 1                        |
| United Kingdom .....           | 2                        | 23                       | 8                        |
| Uruguay .....                  | 7,043                    | 7,256                    | 7,193                    |
| Zimbabwe .....                 | 12,766                   | 13,651                   | 12,637                   |
| World total <sup>4</sup> ..... | 1,415,435                | 1,425,856                | 1,382,635                |

<sup>1</sup> Imports for consumption. Imports in bonded warehouses (general imports) are tallied when customs as sugar whose content of sucrose, by weight in the dry state, corresponds to a polarimeter reading less than 99.5 degrees. <sup>2</sup> Data are actual weight x 1.035. <sup>3</sup> October–March. <sup>4</sup> Numbers may not add due to rounding.

FAS, Horticultural and Tropical Products Division, (202) 720–4620. Compiled from reports of the U.S. Department of Commerce.

**Table 2-37.—Sugar, centrifugal (raw value): Beginning stocks in marketing years 2001/2002–2003/2004<sup>1</sup>**

| Country                         | 2001/2002                | 2002/2003                | 2003/2004                |
|---------------------------------|--------------------------|--------------------------|--------------------------|
|                                 | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| <b>North America:</b>           |                          |                          |                          |
| United States .....             | 1,978                    | 1,294                    | 1,184                    |
| Canada .....                    | 194                      | 253                      | 128                      |
| Mexico .....                    | 1,548                    | 1,172                    | 1,193                    |
| <b>Total .....</b>              | <b>3,720</b>             | <b>2,719</b>             | <b>2,505</b>             |
| <b>Caribbean:</b>               |                          |                          |                          |
| Cuba .....                      | 238                      | 128                      | 78                       |
| Dominican Republic .....        | 27                       | 29                       | 25                       |
| Other .....                     | 178                      | 140                      | 129                      |
| <b>Total .....</b>              | <b>443</b>               | <b>297</b>               | <b>232</b>               |
| <b>Central America:</b>         |                          |                          |                          |
| Guatemala .....                 | 70                       | 229                      | 269                      |
| Other .....                     | 317                      | 328                      | 317                      |
| <b>Total .....</b>              | <b>387</b>               | <b>557</b>               | <b>586</b>               |
| <b>South America:</b>           |                          |                          |                          |
| Brazil .....                    | 860                      | 210                      | 270                      |
| Colombia .....                  | 40                       | 59                       | 6                        |
| Argentina .....                 | 146                      | 130                      | 71                       |
| Other .....                     | 1,101                    | 1,413                    | 1,486                    |
| <b>Total .....</b>              | <b>2,147</b>             | <b>1,812</b>             | <b>1,833</b>             |
| <b>Western Europe:</b>          |                          |                          |                          |
| European Union .....            | 3,420                    | 2,717                    | 3,581                    |
| Other Western Europe .....      | 249                      | 338                      | 331                      |
| <b>Total .....</b>              | <b>3,669</b>             | <b>3,055</b>             | <b>3,912</b>             |
| <b>Eastern Europe:</b>          |                          |                          |                          |
| Poland .....                    | 256                      | 238                      | 355                      |
| Ukraine .....                   | 256                      | 186                      | 436                      |
| Russian Federation .....        | 3,100                    | 2,130                    | 1,050                    |
| Other .....                     | 1,295                    | 1,449                    | 1,622                    |
| <b>Total .....</b>              | <b>4,907</b>             | <b>4,003</b>             | <b>3,463</b>             |
| <b>Africa:</b>                  |                          |                          |                          |
| South Africa, Republic of ..... | 455                      | 450                      | 490                      |
| Other Africa .....              | 1,779                    | 1,782                    | 1,994                    |
| <b>Total .....</b>              | <b>2,234</b>             | <b>2,232</b>             | <b>2,484</b>             |
| <b>Middle East:</b>             |                          |                          |                          |
| Egypt .....                     | 282                      | 450                      | 640                      |
| Turkey .....                    | 865                      | 434                      | 764                      |
| Other .....                     | 781                      | 760                      | 1,186                    |
| <b>Total .....</b>              | <b>1,928</b>             | <b>1,644</b>             | <b>2,590</b>             |
| <b>Asia and Oceania:</b>        |                          |                          |                          |
| India .....                     | 11,985                   | 11,670                   | 11,090                   |
| China, Peoples Republic .....   | 1,004                    | 869                      | 2,070                    |
| Thailand .....                  | 571                      | 979                      | 1,282                    |
| Australia .....                 | 634                      | 507                      | 463                      |
| Pakistan .....                  | 425                      | 460                      | 797                      |
| Indonesia .....                 | 1,415                    | 1,385                    | 1,340                    |
| Philippines .....               | 322                      | 239                      | 277                      |
| Japan .....                     | 365                      | 318                      | 330                      |
| Other .....                     | 1,268                    | 1,243                    | 1,791                    |
| <b>Total .....</b>              | <b>17,989</b>            | <b>17,670</b>            | <b>19,440</b>            |
| <b>World total .....</b>        | <b>37,424</b>            | <b>33,989</b>            | <b>37,045</b>            |

<sup>1</sup>The following countries are no longer separately identified, Caribbean: Barbados, Haiti, Jamaica, St. Kitts and Nevis, Trinidad and Tobago, Central America: Belize, Costa Rica, El Salvador, Honduras, Nicaragua, Panama, East Europe: Albania, Bulgaria, Other Africa: Cote de Ivoire, Ethiopia, Kenya, Malawi, Mauritius, Nigeria, Swaziland, Tanzania, Zaire, Zimbabwe, Other Asia: Bangladesh, Bhutan, Burma, Japan, Malaysia, Nepal, Sri Lanka, Taiwan, Vietnam, South America: Bolivia, Chile, Ecuador, Guyana, Paraguay.

FAS, Horticultural and Tropical Products Division, (202) 720-4720. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Offices.

**Table 2-38.—Honey: United States imports for consumption, by country of origin, 2000–2002**

| Continent and country of origin | 2000               | 2001               | 2002               |
|---------------------------------|--------------------|--------------------|--------------------|
|                                 | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| Central America:                |                    |                    |                    |
| Guatemala .....                 | 0                  | 0                  | 149                |
| Total .....                     | 0                  | 0                  | 149                |
| Eastern Europe:                 |                    |                    |                    |
| Bulgaria .....                  | 24                 | 32                 | 177                |
| Total .....                     | 24                 | 32                 | 177                |
| European Union:                 |                    |                    |                    |
| France .....                    | 64                 | 37                 | 47                 |
| Germany .....                   | 103                | 210                | 541                |
| Greece .....                    | 26                 | 43                 | 49                 |
| Italy .....                     | 32                 | 34                 | 100                |
| Netherlands .....               | 0                  | 1                  | 0                  |
| Spain .....                     | 1                  | 59                 | 247                |
| Total .....                     | 226                | 384                | 984                |
| North America:                  |                    |                    |                    |
| Canada .....                    | 12,960             | 10,564             | 19,617             |
| Mexico .....                    | 2,076              | 4,241              | 11,544             |
| Total .....                     | 15,036             | 14,805             | 31,161             |
| Oceania:                        |                    |                    |                    |
| Australia .....                 | 93                 | 413                | 2,329              |
| New Zealand .....               | 73                 | 89                 | 42                 |
| Total .....                     | 166                | 502                | 2,371              |
| Other Africa:                   |                    |                    |                    |
| South Africa, Rep. ....         | 2                  | 0                  | 1                  |
| Total .....                     | 2                  | 0                  | 1                  |
| Other Asia:                     |                    |                    |                    |
| China, Peoples .....            | 26,819             | 17,713             | 7,583              |
| Hong Kong .....                 | 3                  | 4                  | 126                |
| Korea, Republic .....           | 0                  | 0                  | 1                  |
| Philippines .....               | 1                  | 1                  | 0                  |
| Taiwan .....                    | 27                 | 27                 | 44                 |
| Thailand .....                  | 161                | 1,302              | 4,445              |
| Total .....                     | 27,011             | 19,047             | 12,199             |
| South America:                  |                    |                    |                    |
| Argentina .....                 | 45,010             | 20,472             | 8,692              |
| Brazil .....                    | 154                | 145                | 5,363              |
| Chile .....                     | 0                  | 921                | 2,665              |
| Peru .....                      | 0                  | 0                  | 363                |
| Total .....                     | 45,164             | 21,538             | 17,083             |
| Other countries .....           | 2,426              | 9,390              | 27,781             |
| Grand total .....               | 90,056             | 65,700             | 91,907             |

FAS, Horticultural and Tropical Products Division, (202) 720-4620. Compiled from reports of the U.S. Department of Commerce.



**Table 2-39.—Beeswax, crude: United States imports for consumption, by country of origin, 2000–2002**

| Continent and country of origin   | 2000               | 2001               | 2002 <sup>1</sup>  |
|-----------------------------------|--------------------|--------------------|--------------------|
|                                   | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Carribean:</b>                 |                    |                    |                    |
| Dominican Republic .....          | 39                 | 35                 | 22                 |
| Total .....                       | 39                 | 35                 | 22                 |
| <b>Eastern Europe:</b>            |                    |                    |                    |
| Bulgaria .....                    | 0                  | 13                 | 0                  |
| Total .....                       | 0                  | 13                 | 0                  |
| <b>European Union:</b>            |                    |                    |                    |
| France .....                      | 26                 | 22                 | 20                 |
| Germany .....                     | 271                | 170                | 185                |
| Italy .....                       | 0                  | 3                  | 1                  |
| Netherlands .....                 | 3                  | 3                  | 9                  |
| Spain .....                       | 50                 | 0                  | 0                  |
| United Kingdom .....              | 18                 | 33                 | 0                  |
| Total .....                       | 367                | 231                | 215                |
| <b>North America:</b>             |                    |                    |                    |
| Canada .....                      | 343                | 298                | 320                |
| Mexico .....                      | 18                 | 19                 | 6                  |
| Total .....                       | 361                | 317                | 326                |
| <b>Oceania:</b>                   |                    |                    |                    |
| Australia .....                   | 179                | 76                 | 107                |
| New Zealand .....                 | 20                 | 1                  | 9                  |
| Total .....                       | 199                | 77                 | 116                |
| <b>Other Africa:</b>              |                    |                    |                    |
| Cameroon .....                    | 63                 | 0                  | 33                 |
| Central African Republic .....    | 0                  | 0                  | 54                 |
| Djibouti Afars-Issas .....        | 0                  | 18                 | 0                  |
| Ethiopia .....                    | 134                | 69                 | 70                 |
| French Ind. Ocean Territory ..... | 0                  | 13                 | 0                  |
| Ghana .....                       | 0                  | 0                  | 5                  |
| Kenya .....                       | 0                  | 19                 | 0                  |
| Nigeria .....                     | 0                  | 0                  | 6                  |
| Senegal .....                     | 8                  | 0                  | 0                  |
| South Africa, Republic of .....   | 1                  | 1                  | 2                  |
| Tanzania, United Republic .....   | 147                | 55                 | 17                 |
| Zambia .....                      | 0                  | 0                  | 1                  |
| Total .....                       | 354                | 174                | 188                |
| <b>Other Asia:</b>                |                    |                    |                    |
| China, Peoples Rep .....          | 271                | 224                | 305                |
| Japan .....                       | 10                 | 2                  | 7                  |
| Malaysia .....                    | 0                  | 0                  | 40                 |
| Taiwan .....                      | 1                  | 2                  | 13                 |
| Vietnam .....                     | 27                 | 0                  | 0                  |
| Total .....                       | 308                | 227                | 364                |
| <b>Other West Europe:</b>         |                    |                    |                    |
| Switzerland .....                 | 1                  | 1                  | 2                  |
| Total .....                       | 1                  | 1                  | 2                  |
| <b>South America:</b>             |                    |                    |                    |
| Argentina .....                   | 339                | 308                | 235                |
| Brazil .....                      | 33                 | 37                 | 20                 |
| Columbia .....                    | 0                  | 6                  | 0                  |
| Total .....                       | 371                | 350                | 255                |
| Grand total .....                 | 2,001              | 1,426              | 1,488              |

<sup>1</sup> Preliminary.

FAS, Horticultural and Tropical Products Division, (202) 720-4620.

**Table 2-40.—Honey: Number of colonies, yield, production, stocks, price and value, United States, 1994–2003<sup>1 2</sup>**

| State    | Honey producing colonies | Yield per colony | Production          | Stocks Dec 15 <sup>3</sup> | Average price per pound | Value of production  |
|----------|--------------------------|------------------|---------------------|----------------------------|-------------------------|----------------------|
|          | <i>1,000</i>             | <i>Pounds</i>    | <i>1,000 pounds</i> | <i>1,000 pounds</i>        | <i>Cents</i>            | <i>1,000 dollars</i> |
| 1994 ... | 2,783                    | 78.4             | 218,187             | 59,877                     | 52.8                    | 115,203              |
| 1995 ... | 2,655                    | 79.5             | 211,073             | 42,313                     | 68.5                    | 144,585              |
| 1996 ... | 2,581                    | 77.3             | 199,511             | 47,206                     | 88.8                    | 177,166              |
| 1997 ... | 2,631                    | 74.7             | 196,536             | 70,696                     | 75.2                    | 147,795              |
| 1998 ... | 2,633                    | 83.7             | 220,316             | 80,808                     | 65.5                    | 147,254              |
| 1999 ... | 2,688                    | 76.4             | 205,250             | 79,375                     | 60.1                    | 126,075              |
| 2000 ... | 2,620                    | 84.1             | 220,339             | 85,328                     | 59.7                    | 132,742              |
| 2001 ... | 2,506                    | 74.0             | 185,461             | 64,556                     | 70.4                    | 132,225              |
| 2002 ... | 2,574                    | 66.7             | 171,718             | 39,393                     | 132.7                   | 228,338              |
| 2003 ... | 2,590                    | 69.9             | 181,096             | 40,735                     | 140.4                   | 255,791              |

<sup>1</sup>For producers with 5 or more colonies. <sup>2</sup>U.S. price weighted by survey expanded sales. <sup>3</sup>Stocks held by producers. NASS, Livestock Branch, (202) 720-6351.

**Table 2-41.—Honey: Number of colonies, yield, production, stocks, price and value, by State and United States, 2003<sup>1</sup>**

| State                        | Honey producing colonies | Yield per colony | Production          | Stocks Dec 15 <sup>2</sup> | Average price per pound <sup>3</sup> | Value of production  |
|------------------------------|--------------------------|------------------|---------------------|----------------------------|--------------------------------------|----------------------|
|                              | <i>1,000</i>             | <i>Pounds</i>    | <i>1,000 pounds</i> | <i>1,000 pounds</i>        | <i>Cents</i>                         | <i>1,000 dollars</i> |
| AL .....                     | 13                       | 82               | 1,066               | 43                         | 126                                  | 1,343                |
| AZ .....                     | 40                       | 72               | 2,880               | 1,123                      | 138                                  | 3,974                |
| AR .....                     | 40                       | 75               | 3,000               | 810                        | 127                                  | 3,810                |
| CA .....                     | 480                      | 67               | 32,160              | 6,432                      | 142                                  | 45,667               |
| CO .....                     | 24                       | 86               | 2,064               | 722                        | 138                                  | 2,848                |
| FL .....                     | 210                      | 71               | 14,910              | 1,491                      | 135                                  | 20,129               |
| GA .....                     | 52                       | 65               | 3,380               | 270                        | 128                                  | 4,326                |
| HI .....                     | 7                        | 113              | 791                 | 43                         | 143                                  | 1,131                |
| ID .....                     | 100                      | 46               | 4,600               | 1,380                      | 135                                  | 6,210                |
| IL .....                     | 7                        | 60               | 420                 | 252                        | 173                                  | 727                  |
| IN .....                     | 5                        | 56               | 280                 | 78                         | 159                                  | 445                  |
| IA .....                     | 32                       | 59               | 1,888               | 868                        | 145                                  | 2,738                |
| KS .....                     | 16                       | 57               | 912                 | 447                        | 158                                  | 1,441                |
| KY .....                     | 5                        | 48               | 240                 | 14                         | 164                                  | 394                  |
| LA .....                     | 34                       | 90               | 3,060               | 275                        | 124                                  | 3,794                |
| ME .....                     | 8                        | 33               | 264                 | 145                        | 140                                  | 370                  |
| MD .....                     | 2                        | 42               | 84                  | 21                         | 191                                  | 160                  |
| MI .....                     | 65                       | 74               | 4,810               | 1,732                      | 147                                  | 7,071                |
| MN .....                     | 120                      | 83               | 9,960               | 1,892                      | 146                                  | 14,542               |
| MS .....                     | 21                       | 69               | 1,449               | 246                        | 128                                  | 1,855                |
| MO .....                     | 17                       | 53               | 901                 | 189                        | 141                                  | 1,270                |
| MT .....                     | 145                      | 66               | 9,570               | 1,914                      | 148                                  | 14,164               |
| NE .....                     | 45                       | 74               | 3,330               | 1,299                      | 143                                  | 4,762                |
| NV .....                     | 6                        | 64               | 384                 | 46                         | 241                                  | 925                  |
| NJ .....                     | 10                       | 19               | 190                 | 101                        | 157                                  | 298                  |
| NM .....                     | 6                        | 41               | 246                 | 108                        | 116                                  | 285                  |
| NY .....                     | 67                       | 72               | 4,824               | 1,640                      | 140                                  | 6,754                |
| NC .....                     | 10                       | 44               | 440                 | 79                         | 190                                  | 836                  |
| ND .....                     | 340                      | 87               | 29,580              | 6,803                      | 136                                  | 40,229               |
| OH .....                     | 15                       | 50               | 750                 | 278                        | 143                                  | 1,073                |
| OK .....                     | 3                        | 47               | 141                 | 69                         | 183                                  | 258                  |
| OR .....                     | 42                       | 51               | 2,142               | 964                        | 126                                  | 2,699                |
| PA .....                     | 27                       | 50               | 1,350               | 419                        | 132                                  | 1,782                |
| SC .....                     | 6                        | 70               | 420                 | 13                         | 195                                  | 819                  |
| SD .....                     | 200                      | 70               | 14,000              | 2,520                      | 146                                  | 20,440               |
| TN .....                     | 7                        | 40               | 280                 | 53                         | 153                                  | 428                  |
| TX .....                     | 140                      | 67               | 9,380               | 1,126                      | 142                                  | 13,320               |
| UT .....                     | 23                       | 57               | 1,311               | 144                        | 130                                  | 1,704                |
| VT .....                     | 7                        | 83               | 581                 | 163                        | 192                                  | 1,116                |
| VA .....                     | 6                        | 37               | 222                 | 69                         | 169                                  | 375                  |
| WA .....                     | 58                       | 56               | 3,248               | 942                        | 152                                  | 4,937                |
| WV .....                     | 8                        | 47               | 376                 | 194                        | 201                                  | 756                  |
| WI .....                     | 74                       | 77               | 5,698               | 2,678                      | 144                                  | 8,205                |
| WY .....                     | 39                       | 81               | 3,159               | 474                        | 140                                  | 4,423                |
| Oth Sts <sup>4 5</sup> ..... | 8                        | 44               | 355                 | 166                        | 270                                  | 958                  |
| US <sup>5 6</sup> .....      | 2,590                    | 69.9             | 181,096             | 40,735                     | 140.4                                | 255,791              |

<sup>1</sup>For producers with 5 or more colonies. Colonies which produced honey in more than one State were counted in each State. <sup>2</sup>Stocks held by producers. <sup>3</sup>Price weighted by sales. <sup>4</sup>CT, DE, MA, NH, and RI not published separately to avoid disclosing data for individual operations. <sup>5</sup>Total colonies multiplied by total yield may not exactly equal production. <sup>6</sup>U.S. value of production is U.S. production multiplied by U.S. price per pound. NASS, Livestock Branch, (202) 720-3570.

**Table 2-42.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1994–2003**

| Year       | Production in mainland areas |                    |                                   |                    | Inshipments from Hawaii |
|------------|------------------------------|--------------------|-----------------------------------|--------------------|-------------------------|
|            | Mainland cane                | Domestic beet      | Refiners' blackstrap <sup>1</sup> | Total              |                         |
|            | <i>Metric tons</i>           | <i>Metric tons</i> | <i>Metric tons</i>                | <i>Metric tons</i> | <i>Metric tons</i>      |
| 1994 ..... | 824,453                      | 1,200,000          | 114,000                           | 2,138,453          | 151,172                 |
| 1995 ..... | 886,826                      | 1,040,000          | 114,000                           | 2,040,826          | 146,000                 |
| 1996 ..... | NA                           | NA                 | NA                                | NA                 | NA                      |
| 1997 ..... | NA                           | NA                 | NA                                | NA                 | NA                      |
| 1998 ..... | NA                           | NA                 | NA                                | NA                 | NA                      |
| 1999 ..... | NA                           | NA                 | NA                                | NA                 | NA                      |
| 2000 ..... | NA                           | NA                 | NA                                | NA                 | NA                      |
| 2001 ..... | NA                           | NA                 | NA                                | NA                 | NA                      |
| 2002 ..... | NA                           | NA                 | NA                                | NA                 | NA                      |
| 2003 ..... | NA                           | NA                 | NA                                | NA                 | NA                      |

  

| Year       | United States imports |           | Mainland exports <sup>1</sup> | Total market supplies available |
|------------|-----------------------|-----------|-------------------------------|---------------------------------|
|            | Total                 |           |                               |                                 |
|            | <i>Metric tons</i>    |           | <i>Metric tons</i>            | <i>Metric tons</i>              |
| 1994 ..... |                       | 1,659,309 | 277,098                       | 3,671,836                       |
| 1995 ..... |                       | 1,048,726 | 274,868                       | 2,960,684                       |
| 1996 ..... |                       | NA        | NA                            | NA                              |
| 1997 ..... |                       | NA        | NA                            | NA                              |
| 1998 ..... |                       | NA        | NA                            | NA                              |
| 1999 ..... |                       | NA        | NA                            | NA                              |
| 2000 ..... |                       | NA        | NA                            | NA                              |
| 2001 ..... |                       | NA        | NA                            | NA                              |
| 2002 ..... |                       | NA        | NA                            | NA                              |
| 2003 ..... |                       | NA        | NA                            | NA                              |

<sup>1</sup> Does not include exports from Hawaii and Puerto Rico. NA-not available. AMS, Livestock and Grain Market News Branch, (202) 720-6231.

**Table 2-43.—U. S. per capita caloric sweeteners estimated deliveries for domestic food and beverage, use by calendar year 1993–2002**

| Calendar year | U.S. population (July 1) | Refined sugar | Corn Sweetener |               |           |       | Pure honey | Edible syrups   | Total caloric sweeteners |
|---------------|--------------------------|---------------|----------------|---------------|-----------|-------|------------|-----------------|--------------------------|
|               |                          |               | HFCS           | Glucose syrup | Dex-trose | Total |            |                 |                          |
|               |                          |               |                |               |           |       |            | <i>Millions</i> |                          |
| 1993 .....    | 260.3                    | 63.8          | 54.5           | 15.8          | 3.7       | 73.9  | 1.0        | 0.4             | 139.1                    |
| 1994 .....    | 263.4                    | 64.4          | 56.2           | 15.9          | 3.8       | 75.9  | 1.0        | 0.4             | 141.6                    |
| 1995 .....    | 266.6                    | 64.9          | 57.6           | 16.3          | 4.0       | 77.9  | 0.9        | 0.4             | 144.1                    |
| 1996 .....    | 269.7                    | 65.2          | 57.8           | 16.4          | 4.0       | 78.2  | 1.0        | 0.4             | 144.7                    |
| 1997 .....    | 272.9                    | 64.9          | 60.4           | 17.3          | 3.7       | 81.5  | 0.9        | 0.4             | 147.7                    |
| 1998 .....    | 276.1                    | 65.1          | 61.9           | 17.1          | 3.6       | 82.7  | 0.9        | 0.4             | 149.0                    |
| 1999 .....    | 279.3                    | 66.3          | 63.7           | 16.3          | 3.5       | 83.5  | 1.1        | 0.4             | 151.3                    |
| 2000 .....    | 282.4                    | 65.5          | 62.7           | 15.8          | 3.4       | 81.9  | 1.1        | 0.4             | 148.9                    |
| 2001 .....    | 285.5                    | 64.4          | 62.5           | 15.4          | 3.3       | 81.3  | 0.9        | 0.4             | 147.0                    |
| 2002 .....    | 288.6                    | 63.2          | 62.7           | 15.4          | 3.3       | 81.4  | 1.1        | 0.4             | 146.1                    |

Note: Total may not add exactly, due to rounding. ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694-5247.

**Table 2-44.—Tobacco: Area, yield, production, and value, United States, 1994–2003**

| Year       | Area harvested | Yield per acre | Production <sup>1</sup> | Marketing year average price per pound received by farmers <sup>2</sup> | Value of production <sup>2</sup> |
|------------|----------------|----------------|-------------------------|---|----------------------------------|
|            | <i>Acres</i>   | <i>Pounds</i>  | <i>1,000 pounds</i>     | <i>Dollars</i>  | <i>1,000 dollars</i>             |
| 1994 ..... | 671,065        | 2,359          | 1,582,896               | 1.758   | 2,779,056                        |
| 1995 ..... | 663,525        | 1,914          | 1,269,910               | 1.820   | 2,307,168                        |
| 1996 ..... | 733,060        | 2,072          | 1,518,704               | 1.882   | 2,853,739                        |
| 1997 ..... | 836,230        | 2,137          | 1,787,399               | 1.802   | 3,217,176                        |
| 1998 ..... | 717,620        | 2,062          | 1,479,891               | 1.828   | 2,700,795                        |
| 1999 ..... | 647,160        | 1,997          | 1,292,692               | 1.828   | 2,356,304                        |
| 2000 ..... | 469,420        | 2,244          | 1,053,264               | 1.910   | 2,001,775                        |
| 2001 ..... | 432,490        | 2,292          | 991,293                 | 1.957   | 1,939,755                        |
| 2002 ..... | 428,310        | 2,043          | 875,052                 | 1.938   | 1,702,861                        |
| 2003 ..... | 416,210        | 1,997          | 831,204                 | 1.967   | 1,635,188                        |

<sup>1</sup> Production figures are on farm-sales-weight basis. <sup>2</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720-2127.

**Table 2-45.—Tobacco: Area, yield, and production, by States, 2001–2003**

| State    | Area harvested |              |                   | Yield per harvested acre |               |                   | Production          |                     |                     |
|----------|----------------|--------------|-------------------|--------------------------|---------------|-------------------|---------------------|---------------------|---------------------|
|          | 2001           | 2002         | 2003 <sup>1</sup> | 2001                     | 2002          | 2003 <sup>1</sup> | 2001                | 2002                | 2003 <sup>1</sup>   |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Pounds</i>            | <i>Pounds</i> | <i>Pounds</i>     | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| CT ..... | 2,350          | 2,000        | 2,200             | 1,635                    | 1,658         | 1,519             | 3,843               | 3,315               | 3,342               |
| FL ..... | 4,500          | 4,600        | 4,400             | 2,600                    | 2,600         | 2,500             | 11,700              | 11,960              | 11,000              |
| GA ..... | 26,100         | 26,500       | 27,000            | 2,460                    | 2,000         | 2,240             | 64,206              | 53,000              | 60,480              |
| IN ..... | 4,200          | 4,000        | 4,200             | 2,250                    | 1,950         | 2,000             | 9,450               | 7,800               | 8,400               |
| KY ..... | 115,700        | 111,100      | 112,300           | 2,201                    | 2,007         | 2,047             | 254,653             | 222,991             | 229,840             |
| MD ..... | 2,200          | 1,200        | 1,500             | 1,500                    | 1,500         | 1,450             | 3,300               | 1,800               | 2,175               |
| MA ..... | 1,140          | 1,160        | 1,230             | 1,585                    | 1,603         | 1,135             | 1,807               | 1,859               | 1,396               |
| MO ..... | 1,400          | 1,400        | 1,300             | 2,200                    | 2,230         | 2,000             | 3,080               | 3,122               | 2,600               |
| NC ..... | 161,700        | 168,300      | 159,700           | 2,393                    | 2,067         | 1,945             | 386,920             | 347,920             | 310,695             |
| OH ..... | 6,100          | 5,500        | 5,300             | 1,960                    | 1,750         | 1,700             | 11,956              | 9,625               | 9,010               |
| PA ..... | 3,100          | 3,400        | 3,700             | 1,989                    | 2,004         | 2,130             | 6,166               | 6,815               | 7,880               |
| SC ..... | 32,000         | 30,500       | 30,000            | 2,450                    | 1,950         | 2,100             | 78,400              | 59,475              | 63,000              |
| TN ..... | 39,690         | 35,900       | 34,140            | 2,189                    | 2,096         | 2,134             | 86,893              | 75,261              | 72,870              |
| VA ..... | 29,500         | 30,000       | 26,220            | 2,150                    | 2,147         | 1,628             | 63,415              | 64,407              | 42,679              |
| WV ..... | 1,300          | 1,300        | 1,200             | 1,450                    | 1,450         | 1,300             | 1,885               | 1,885               | 1,560               |
| WI ..... | 1,510          | 1,450        | 1,820             | 2,397                    | 2,632         | 2,350             | 3,619               | 3,817               | 4,277               |
| US ..... | 432,490        | 428,310      | 416,210           | 2,292                    | 2,043         | 1,997             | 991,293             | 875,052             | 831,204             |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 2-46.—Tobacco: Area, yield, and production in specified countries, 2001–2003**

| Continent and country | Area harvested   |                  |                   | Yield per hectare  |                    |                    | Production <sup>2</sup> |                    |                    |
|-----------------------|------------------|------------------|-------------------|--------------------|--------------------|--------------------|-------------------------|--------------------|--------------------|
|                       | 2001             | 2002             | 2003 <sup>1</sup> | 2001               | 2002               | 2003 <sup>1</sup>  | 2001                    | 2002               | 2003 <sup>1</sup>  |
|                       | <i>Hec-tares</i> | <i>Hec-tares</i> | <i>Hec-tares</i>  | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>      | <i>Metric tons</i> | <i>Metric tons</i> |
| North America:        |                  |                  |                   |                    |                    |                    |                         |                    |                    |
| Canada .....          | 25,091           | 25,091           | 25,091            | 2.12               | 1.95               | 1.70               | 53,112                  | 49,015             | 42,683             |
| Mexico .....          | 17,851           | 10,908           | 10,828            | 1.90               | 2.05               | 2.07               | 33,842                  | 22,322             | 22,415             |
| United States .....   | 174,992          | 173,782          | 173,782           | 2.57               | 2.32               | 2.32               | 449,745                 | 403,000            | 403,518            |
| Total .....           | 217,934          | 209,781          | 35,919            | 2.46               | 2.26               | 3.05               | 536,699                 | 474,337            | 468,616            |
| South America:        |                  |                  |                   |                    |                    |                    |                         |                    |                    |
| Argentina .....       | 60,000           | 65,500           | 72,100            | 1.64               | 1.95               | 1.61               | 98,110                  | 127,500            | 116,000            |
| Bolivia .....         | 1,060            | 1,060            | 1,060             | 0.92               | 0.92               | 0.92               | 980                     | 980                | 980                |
| Brazil .....          | 328,000          | 377,000          | 426,400           | 1.65               | 1.79               | 1.49               | 542,400                 | 674,000            | 636,700            |
| Chile .....           | 2,509            | 2,509            | 2,509             | 3.23               | 3.23               | 3.23               | 8,100                   | 8,100              | 8,100              |
| Colombia .....        | 23,000           | 23,000           | 23,000            | 1.83               | 1.83               | 1.83               | 42,000                  | 42,000             | 42,000             |
| Ecuador .....         | 1,774            | 1,774            | 1,774             | 0.62               | 0.62               | 0.62               | 1,100                   | 1,100              | 1,100              |
| Guyana .....          | 100              | 100              | 100               | 1.00               | 1.00               | 1.00               | 100                     | 100                | 100                |
| Paraguay .....        | 4,823            | 4,823            | 4,823             | 1.93               | 1.93               | 1.93               | 9,324                   | 9,324              | 9,324              |
| Peru .....            | 2,500            | 2,500            | 2,500             | 5.08               | 5.08               | 5.08               | 12,707                  | 12,707             | 12,707             |
| Uruguay .....         | 830              | 830              | 830               | 3.75               | 3.75               | 3.75               | 3,111                   | 3,111              | 3,111              |
| Venezuela .....       | 6,000            | 6,000            | 6,000             | 2.04               | 2.04               | 2.04               | 12,222                  | 12,222             | 12,222             |
| Total .....           | 430,596          | 485,096          | 541,096           | 1.70               | 1.84               | 1.56               | 730,154                 | 891,144            | 842,344            |

See footnotes at end of table.

**Table 2-46.—Tobacco: Area, yield, and production in specified countries, 2001–2003—  
Continued**

| Continent and country      | Area harvested |               |                   | Yield per hectare |                |                   | Production <sup>2</sup> |                |                   |
|----------------------------|----------------|---------------|-------------------|-------------------|----------------|-------------------|-------------------------|----------------|-------------------|
|                            | 2001           | 2002          | 2003 <sup>1</sup> | 2001              | 2002           | 2003 <sup>1</sup> | 2001                    | 2002           | 2003 <sup>1</sup> |
|                            | Hec-<br>tares  | Hec-<br>tares | Hec-<br>tares     | Metric<br>tons    | Metric<br>tons | Metric<br>tons    | Metric<br>tons          | Metric<br>tons | Metric<br>tons    |
| <b>Central America:</b>    |                |               |                   |                   |                |                   |                         |                |                   |
| Costa Rica .....           | 105            | 105           | 105               | 1.85              | 1.85           | 1.85              | 194                     | 194            | 194               |
| El Salvador .....          | 600            | 600           | 600               | 1.95              | 1.95           | 1.95              | 1,167                   | 1,167          | 1,167             |
| Guatemala .....            | 8,793          | 9,232         | 9,232             | 2.22              | 2.22           | 2.22              | 19,562                  | 20,540         | 20,540            |
| Honduras .....             | 5,157          | 5,157         | 5,157             | 1.78              | 1.78           | 1.78              | 9,177                   | 9,177          | 9,177             |
| Nicaragua .....            | 844            | 844           | 844               | 1.60              | 1.60           | 1.60              | 1,349                   | 1,349          | 1,349             |
| Panama .....               | 1,160          | 1,160         | 1,160             | 2.04              | 2.04           | 2.04              | 2,367                   | 2,367          | 2,367             |
| Total .....                | 16,659         | 17,098        | 17,098            | 2.03              | 2.03           | 2.03              | 33,816                  | 34,794         | 34,794            |
| <b>Caribbean:</b>          |                |               |                   |                   |                |                   |                         |                |                   |
| Cuba .....                 | 45,000         | 45,000        | 45,000            | 0.78              | 0.78           | 0.78              | 35,000                  | 35,000         | 35,000            |
| Dominican Rep .....        | 12,000         | 9,200         | 7,350             | 1.75              | 1.74           | 1.96              | 21,000                  | 16,000         | 14,400            |
| Haiti .....                | 400            | 400           | 400               | 1.53              | 1.53           | 1.53              | 611                     | 611            | 611               |
| Jamaica .....              | 1,175          | 1,175         | 1,175             | 1.99              | 1.99           | 1.99              | 2,339                   | 2,339          | 2,339             |
| St. Vincent .....          | 70             | 70            | 70                | 1.00              | 1.00           | 1.00              | 70                      | 70             | 70                |
| Trinidad & Tob. ....       | 100            | 100           | 100               | 1.70              | 1.70           | 1.70              | 170                     | 170            | 170               |
| Total .....                | 58,745         | 55,945        | 54,095            | 1.01              | 0.97           | 0.97              | 59,190                  | 54,190         | 52,590            |
| <b>European Union:</b>     |                |               |                   |                   |                |                   |                         |                |                   |
| Austria .....              | 115            | 115           | 115               | 1.74              | 1.74           | 1.74              | 200                     | 200            | 200               |
| Belgium-Lux .....          | 320            | 320           | 320               | 3.69              | 3.69           | 3.69              | 1,180                   | 1,180          | 1,180             |
| France .....               | 8,940          | 8,800         | 8,700             | 2.77              | 2.75           | 2.87              | 24,723                  | 24,200         | 25,000            |
| Germany .....              | 4,623          | 4,665         | 4,740             | 2.35              | 2.39           | 2.34              | 10,864                  | 11,150         | 11,100            |
| Greece .....               | 57,000         | 57,000        | 57,000            | 2.21              | 2.16           | 2.18              | 126,000                 | 123,000        | 124,000           |
| Italy .....                | 38,950         | 37,676        | 36,800            | 3.38              | 3.39           | 3.40              | 131,761                 | 127,600        | 125,000           |
| Portugal .....             | 2,105          | 2,100         | 2,100             | 2.90              | 2.91           | 2.91              | 6,111                   | 6,111          | 6,111             |
| Spain .....                | 12,669         | 12,430        | 12,250            | 3.32              | 3.35           | 3.35              | 42,100                  | 41,650         | 41,000            |
| Total .....                | 124,722        | 123,106       | 122,025           | 2.75              | 2.72           | 2.73              | 342,939                 | 335,091        | 333,591           |
| <b>Western Europe:</b>     |                |               |                   |                   |                |                   |                         |                |                   |
| Switzerland .....          | 635            | 635           | 635               | 2.09              | 2.09           | 2.09              | 1,325                   | 1,325          | 1,325             |
| <b>Eastern Europe:</b>     |                |               |                   |                   |                |                   |                         |                |                   |
| Albania .....              | 7,300          | 7,300         | 7,300             | 1.10              | 1.10           | 1.10              | 8,000                   | 8,000          | 8,000             |
| Bulgaria .....             | 32,460         | 37,260        | 37,260            | 1.26              | 1.35           | 1.35              | 40,885                  | 50,210         | 50,210            |
| Croatia .....              | 5,850          | 6,700         | 5,800             | 2.30              | 2.23           | 2.29              | 13,455                  | 14,961         | 13,282            |
| Hungary .....              | 5,100          | 5,500         | 5,800             | 2.14              | 1.94           | 2.07              | 10,900                  | 10,650         | 12,000            |
| Macedonia (Skopje) .....   | 22,000         | 22,000        | 22,000            | 1.41              | 1.41           | 1.41              | 31,111                  | 31,111         | 31,111            |
| Poland .....               | 12,600         | 11,300        | 10,800            | 1.98              | 2.12           | 2.04              | 25,000                  | 24,000         | 22,000            |
| Romania .....              | 12,000         | 12,000        | 12,000            | 1.23              | 1.23           | 1.23              | 14,750                  | 14,750         | 14,750            |
| Slovakia .....             | 2,000          | 2,000         | 2,000             | 1.75              | 1.75           | 1.75              | 3,500                   | 3,500          | 3,500             |
| Yugoslavia .....           | 6,200          | 6,200         | 6,200             | 1.23              | 1.23           | 1.23              | 7,604                   | 7,604          | 7,604             |
| Total .....                | 105,510        | 110,260       | 109,160           | 1.47              | 1.49           | 1.49              | 155,205                 | 164,786        | 162,457           |
| <b>FSU-12:<sup>3</sup></b> |                |               |                   |                   |                |                   |                         |                |                   |
| Armenia .....              | 4,304          | 4,304         | 4,304             | 2.79              | 2.32           | 2.32              | 12,000                  | 10,000         | 10,000            |
| Azerbaijan .....           | 6,000          | 6,000         | 6,000             | 2.00              | 0.50           | 0.50              | 12,000                  | 3,000          | 3,000             |
| Belarus .....              | 800            | 800           | 800               | 1.75              | 1.75           | 1.75              | 1,400                   | 1,400          | 1,400             |
| Georgia .....              | 2,100          | 2,100         | 2,100             | 2.38              | 2.38           | 2.38              | 5,000                   | 5,000          | 5,000             |
| Kazakhstan .....           | 4,500          | 4,500         | 4,500             | 1.84              | 1.84           | 1.84              | 8,300                   | 8,300          | 8,300             |
| Kyrgyzstan .....           | 14,500         | 14,500        | 14,500            | 2.64              | 2.64           | 2.64              | 38,333                  | 38,333         | 38,333            |
| Moldova .....              | 25,000         | 25,000        | 25,000            | 0.60              | 0.48           | 0.48              | 15,000                  | 12,000         | 12,000            |
| Russia .....               | 2,000          | 2,100         | 2,200             | 0.90              | 0.90           | 0.91              | 1,800                   | 1,900          | 2,000             |
| Tajikistan .....           | 3,200          | 3,200         | 3,200             | 2.50              | 2.50           | 2.50              | 8,000                   | 8,000          | 8,000             |
| Turkmenistan .....         | 1,600          | 1,600         | 1,600             | 2.24              | 2.08           | 2.08              | 3,578                   | 3,333          | 3,333             |
| Ukraine .....              | 4,500          | 4,500         | 4,500             | 0.99              | 0.99           | 0.99              | 4,444                   | 4,444          | 4,444             |
| Uzbekistan .....           | 6,700          | 6,700         | 6,700             | 3.28              | 3.28           | 3.28              | 22,000                  | 22,000         | 22,000            |
| Total .....                | 75,204         | 75,304        | 75,404            | 1.75              | 1.56           | 1.56              | 131,855                 | 117,710        | 117,810           |
| <b>North Africa:</b>       |                |               |                   |                   |                |                   |                         |                |                   |
| Algeria .....              | 5,700          | 5,700         | 5,700             | 1.26              | 1.26           | 1.26              | 7,200                   | 7,200          | 7,200             |
| Libya .....                | 650            | 650           | 650               | 2.56              | 2.56           | 2.56              | 1,667                   | 1,667          | 1,667             |
| Morocco .....              | 5,948          | 5,948         | 5,948             | 1.21              | 1.21           | 1.21              | 7,194                   | 7,194          | 7,194             |
| Tunisia .....              | 3,100          | 4,000         | 4,000             | 1.79              | 1.39           | 1.39              | 5,556                   | 5,556          | 5,556             |
| Total .....                | 15,398         | 16,298        | 16,298            | 1.40              | 1.33           | 1.33              | 21,617                  | 21,617         | 21,617            |

See footnotes at end of table.

**Table 2-46.—Tobacco: Area, yield, and production in specified countries, 2001–2003—Continued**

| Continent and country       | Area harvested   |                  |                   | Yield per hectare |             |                   | Production <sup>2</sup> |                  |                   |
|-----------------------------|------------------|------------------|-------------------|-------------------|-------------|-------------------|-------------------------|------------------|-------------------|
|                             | 2001             | 2002             | 2003 <sup>1</sup> | 2001              | 2002        | 2003 <sup>1</sup> | 2001                    | 2002             | 2003 <sup>1</sup> |
|                             | Hec-tares        | Hec-tares        | Hec-tares         | Metric tons       | Metric tons | Metric tons       | Metric tons             | Metric tons      | Metric tons       |
| <b>Other Africa:</b>        |                  |                  |                   |                   |             |                   |                         |                  |                   |
| Angola .....                | 3,950            | 3,950            | 3,950             | 0.99              | 0.99        | 0.99              | 3,900                   | 3,900            | 3,900             |
| Benin .....                 | 917              | 917              | 917               | 0.77              | 0.77        | 0.77              | 702                     | 702              | 702               |
| Burundi .....               | 705              | 705              | 705               | 1.00              | 1.00        | 1.00              | 705                     | 705              | 705               |
| Cameroon .....              | 3,400            | 3,400            | 3,400             | 1.38              | 1.38        | 1.38              | 4,700                   | 4,700            | 4,700             |
| Central African Rep .....   | 600              | 600              | 600               | 0.83              | 0.83        | 0.83              | 500                     | 500              | 500               |
| Chad .....                  | 145              | 145              | 145               | 1.38              | 1.38        | 1.38              | 200                     | 200              | 200               |
| Congo (Brazzaville) .....   | 4,000            | 4,000            | 4,000             | 0.45              | 0.45        | 0.45              | 1,800                   | 1,800            | 1,800             |
| Cote d'Ivoire .....         | 3,700            | 3,700            | 3,700             | 1.11              | 1.11        | 1.11              | 4,110                   | 4,110            | 4,110             |
| Ethiopia .....              | 20,000           | 20,000           | 20,000            | 0.60              | 0.60        | 0.60              | 12,000                  | 12,000           | 12,000            |
| Ghana .....                 | 4,500            | 4,500            | 4,500             | 0.74              | 0.74        | 0.74              | 3,333                   | 3,333            | 3,333             |
| Kenya .....                 | 3,950            | 3,950            | 3,950             | 0.38              | 0.38        | 0.38              | 1,500                   | 1,500            | 1,500             |
| Liberia .....               | 14,500           | 14,500           | 14,500            | 1.38              | 1.38        | 1.38              | 20,000                  | 20,000           | 20,000            |
| Madagascar .....            | 10               | 10               | 10                | 1.00              | 1.00        | 1.00              | 10                      | 10               | 10                |
| Malawi .....                | 2,110            | 2,110            | 2,110             | 1.05              | 1.05        | 1.05              | 2,222                   | 2,222            | 2,222             |
| Mali .....                  | 100,200          | 100,200          | 100,200           | 1.24              | 1.38        | 1.36              | 124,409                 | 138,113          | 136,200           |
| Mauritius .....             | 824              | 824              | 824               | 1.35              | 1.35        | 1.35              | 1,115                   | 1,115            | 1,115             |
| Mozambique .....            | 410              | 410              | 410               | 1.76              | 1.76        | 1.76              | 722                     | 722              | 722               |
| Niger .....                 | 7,000            | 7,000            | 7,000             | 1.50              | 1.50        | 1.50              | 10,522                  | 10,522           | 10,522            |
| Nigeria .....               | 1,000            | 1,000            | 1,000             | 0.93              | 0.93        | 0.93              | 930                     | 930              | 930               |
| Reunion .....               | 10,000           | 10,000           | 10,000            | 2.10              | 2.10        | 2.10              | 21,000                  | 21,000           | 21,000            |
| Sierra Leone .....          | 200              | 2,000            | 2,000             | 1.00              | 0.10        | 0.10              | 200                     | 200              | 200               |
| South Africa; Rep .....     | 540              | 540              | 540               | 1.11              | 1.11        | 1.11              | 600                     | 600              | 600               |
| Swaziland .....             | 15,500           | 14,400           | 13,700            | 2.19              | 2.05        | 0.21              | 34,000                  | 29,500           | 2,900             |
| Tanzania; United Rep ...    | 200              | 200              | 200               | 1.00              | 1.00        | 1.00              | 200                     | 200              | 200               |
| Togo .....                  | 35,500           | 35,500           | 35,500            | 0.00              | 0.00        | 0.00              | 27,967                  | 27,967           | 27,967            |
| Uganda .....                | 400              | 400              | 400               | 5.00              | 5.00        | 5.00              | 2,000                   | 2,000            | 2,000             |
| Zaire .....                 | 7,525            | 7,525            | 7,525             | 3.33              | 3.33        | 3.33              | 25,080                  | 25,080           | 25,080            |
| Zambia .....                | 2,900            | 2,900            | 2,900             | 1.23              | 1.23        | 1.23              | 3,556                   | 3,556            | 3,556             |
| Zimbabwe .....              | 80,412           | 78,491           | 59,894            | 2.58              | 2.17        | 1.47              | 207,253                 | 170,115          | 88,021            |
| <b>Total .....</b>          | <b>325,098</b>   | <b>323,877</b>   | <b>204,380</b>    | <b>1.58</b>       | <b>1.50</b> | <b>1.84</b>       | <b>515,236</b>          | <b>487,292</b>   | <b>376,685</b>    |
| <b>Other Asia:</b>          |                  |                  |                   |                   |             |                   |                         |                  |                   |
| Bangladesh .....            | 31,161           | 31,161           | 31,161            | 1.12              | 1.12        | 1.12              | 35,000                  | 35,000           | 35,000            |
| Burma .....                 | 36,000           | 36,000           | 36,000            | 1.22              | 1.22        | 1.22              | 44,000                  | 44,000           | 44,000            |
| Cambodia .....              | 9,685            | 9,685            | 9,685             | 0.80              | 0.80        | 0.80              | 7,748                   | 7,748            | 7,748             |
| China .....                 | 1,339,600        | 1,327,710        | 1,262,525         | 1.75              | 2.10        | 2.07              | 2,349,627               | 2,783,516        | 2,617,036         |
| India .....                 | 395,500          | 435,000          | 435,000           | 1.48              | 1.49        | 1.52              | 585,600                 | 650,000          | 660,000           |
| Indonesia .....             | 205,000          | 205,000          | 194,000           | 0.84              | 0.83        | 0.82              | 172,200                 | 170,150          | 158,900           |
| Japan .....                 | 23,411           | 23,720           | 23,720            | 2.59              | 2.53        | 2.53              | 60,565                  | 60,000           | 60,000            |
| Korea, North .....          | 20,000           | 20,000           | 20,000            | 1.33              | 1.33        | 1.33              | 26,640                  | 26,640           | 26,640            |
| Korea, South .....          | 23,940           | 21,200           | 21,200            | 2.32              | 2.47        | 2.47              | 55,587                  | 52,350           | 52,350            |
| Laos .....                  | 6,700            | 6,700            | 6,700             | 5.54              | 5.54        | 5.54              | 37,111                  | 37,111           | 37,111            |
| Malaysia .....              | 15,972           | 14,390           | 11,000            | 0.52              | 0.80        | 1.09              | 8,299                   | 11,468           | 12,000            |
| Pakistan .....              | 43,319           | 46,897           | 48,150            | 1.91              | 1.98        | 1.97              | 82,854                  | 92,880           | 94,700            |
| Philippines .....           | 39,130           | 31,464           | 34,585            | 1.77              | 2.55        | 2.36              | 69,219                  | 80,100           | 81,600            |
| Sri Lanka .....             | 4,480            | 4,480            | 4,480             | 1.34              | 1.34        | 1.34              | 6,000                   | 6,000            | 6,000             |
| Taiwan .....                | 2,929            | 2,115            | 2,115             | 2.50              | 2.50        | 2.50              | 7,322                   | 5,287            | 5,287             |
| Thailand .....              | 42,450           | 41,450           | 40,300            | 1.25              | 1.30        | 1.35              | 53,100                  | 53,780           | 54,500            |
| Vietnam .....               | 25,000           | 25,000           | 25,000            | 1.28              | 1.28        | 1.28              | 32,000                  | 32,000           | 32,000            |
| <b>Total .....</b>          | <b>2,264,277</b> | <b>2,281,972</b> | <b>2,164,421</b>  | <b>1.60</b>       | <b>1.82</b> | <b>1.80</b>       | <b>3,632,872</b>        | <b>4,148,030</b> | <b>3,905,882</b>  |
| <b>Middle East:</b>         |                  |                  |                   |                   |             |                   |                         |                  |                   |
| Cyprus .....                | 80               | 80               | 80                | 4.88              | 4.88        | 4.88              | 390                     | 390              | 390               |
| Iran .....                  | 20,000           | 20,000           | 20,000            | 1.17              | 1.17        | 1.17              | 23,333                  | 23,333           | 23,333            |
| Iraq .....                  | 2,400            | 2,400            | 2,400             | 1.04              | 1.04        | 1.04              | 2,500                   | 2,500            | 2,500             |
| Jordan .....                | 2,900            | 2,900            | 2,900             | 0.78              | 0.78        | 0.78              | 2,255                   | 2,255            | 2,255             |
| Lebanon .....               | 9,700            | 9,700            | 9,700             | 1.55              | 1.55        | 1.55              | 15,000                  | 15,000           | 15,000            |
| Oman .....                  | 270              | 270              | 270               | 5.35              | 5.35        | 5.35              | 1,444                   | 1,444            | 1,444             |
| Syria .....                 | 15,000           | 15,000           | 15,000            | 1.15              | 1.15        | 1.15              | 17,200                  | 17,200           | 17,200            |
| Turkey .....                | 237,318          | 206,817          | 210,398           | 0.87              | 0.78        | 0.81              | 207,261                 | 161,266          | 171,314           |
| United Arab. Emirates ..... | 50               | 50               | 50                | 13.52             | 13.52       | 13.52             | 676                     | 676              | 676               |
| Yemen .....                 | 5,347            | 5,347            | 5,347             | 2.41              | 2.41        | 2.41              | 12,903                  | 12,903           | 12,903            |
| <b>Total .....</b>          | <b>293,065</b>   | <b>262,564</b>   | <b>265,875</b>    | <b>0.97</b>       | <b>0.90</b> | <b>0.92</b>       | <b>282,962</b>          | <b>236,967</b>   | <b>245,571</b>    |
| <b>Oceania:</b>             |                  |                  |                   |                   |             |                   |                         |                  |                   |
| Australia .....             | 3,185            | 3,185            | 3,185             | 2.44              | 2.44        | 2.44              | 7,762                   | 7,762            | 7,762             |
| New Zealand .....           | 600              | 600              | 600               | 2.58              | 2.58        | 2.58              | 1,550                   | 1,550            | 1,550             |
| Solomon Islands .....       | 100              | 100              | 100               | 0.95              | 0.95        | 0.95              | 95                      | 95               | 95                |
| <b>Total .....</b>          | <b>3,885</b>     | <b>3,885</b>     | <b>3,885</b>      | <b>2.42</b>       | <b>2.42</b> | <b>2.42</b>       | <b>9,407</b>            | <b>9,407</b>     | <b>9,407</b>      |
| <b>World Total .....</b>    | <b>3,931,728</b> | <b>3,965,821</b> | <b>3,610,291</b>  | <b>1.64</b>       | <b>1.76</b> | <b>1.82</b>       | <b>6,453,277</b>        | <b>6,976,690</b> | <b>6,572,689</b>  |

<sup>1</sup> Preliminary. <sup>2</sup> Production data in metric tons, on farm-sales-weight basis, which is about 10 percent above dry-weight data normally reported in trade statistics. <sup>3</sup> FSU-12 includes the 12 newly independent States of the former USSR.

FAS, Cotton, Tobacco, and Seeds Division (202) 720-9496. Prepared or estimated on the basis of official statistics of Foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, Foreign Service Officers and results of office research, and related information.

**Table 2-47.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1994–2003 (farm-sales-weight basis)**

| Type and crop year                                     | Area         | Yield per acre | Production          | Stocks <sup>1</sup> | Supply              | Disappearance       |                     |                     | Average price per pound to growers |
|--|--------------|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------------------------|
|  |              |                |                     |                     |                     | Total               | Exports             | Domestic            |                                    |
|  | <i>Acres</i> | <i>Pounds</i>  | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>Cents</i>                       |
| <b>Total flue-cured, types 11–14:<sup>2</sup></b>      |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....   | 359,500      | 2,420          | 869,900             | 1,294,986           | 2,101,586           | 914,800             | 345,474             | 569,300             | 169.8                              |
| 1995 .....   | 386,200      | 1,933          | 746,616             | 1,186,786           | 2,040,968           | 875,133             | 344,518             | 530,615             | 179.2                              |
| 1996 .....   | 422,200      | 2,151          | 908,345             | 1,166,427           | 2,063,769           | 947,261             | 391,200             | 556,061             | 183.4                              |
| 1997 .....   | 458,300      | 2,285          | 1,047,438           | 1,116,508           | 2,130,041           | 876,878             | 335,900             | 540,978             | 172.0                              |
| 1998 .....   | 368,800      | 2,204          | 812,797             | 1,253,163           | 2,067,956           | 833,676             | 341,550             | 492,446             | 175.5                              |
| 1999 .....   | 303,800      | 2,162          | 656,752             | 1,234,280           | 1,888,172           | 698,684             | 261,818             | 436,866             | 173.6                              |
| 2000 .....   | 250,000      | 2,396          | 598,915             | 1,189,488           | 1,753,609           | 717,242             | 238,025             | 479,217             | 179.3                              |
| 2001 .....   | 238,100      | 2,432          | 579,091             | 1,036,367           | 1,580,790           | 664,912             | 276,007             | 388,905             | 185.8                              |
| 2002 .....   | 245,600      | 2,105          | 525,940             | 915,878             | 1,480,678           | 643,008             | 219,631             | 423,377             | 182.5                              |
| 2003 <sup>3</sup> .....                                | 234,400      | 2,000          | 525,941             | 837,670             | 1,345,326           | 601,326             | 190,000             | 411,326             | 184.9                              |
| <b>Total fire-cured, types 21–23:</b>                  |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....   | 18,100       | 2,669          | 48,300              | 72,900              | 121,200             | 37,200              | 15,348              | 21,100              | 209.2                              |
| 1995 .....   | 16,880       | 2,322          | 39,190              | 83,995              | 123,185             | 39,523              | 14,918              | 24,640              | 217.2                              |
| 1996 .....   | 16,580       | 2,668          | 44,228              | 83,662              | 127,890             | 42,165              | 0                   | 22,456              | 224.5                              |
| 1997 .....   | 16,550       | 2,554          | 42,262              | 85,725              | 127,987             | 40,839              | 18,235              | 22,604              | 225.6                              |
| 1998 .....   | 16,840       | 2,365          | 39,835              | 87,148              | 126,983             | 37,593              | 15,727              | 21,866              | 222.5                              |
| 1999 .....   | 16,420       | 2,319          | 38,075              | 89,390              | 127,465             | 36,246              | 12,979              | 14,312              | 226.4                              |
| 2000 .....   | 17,540       | 2,944          | 51,635              | 91,219              | 142,854             | 44,869              | 26,292              | 18,600              | 216.3                              |
| 2001 .....   | 14,620       | 3,096          | 45,299              | 97,962              | 143,261             | 38,955              | 16,379              | 22,576              | 214.9                              |
| 2002 .....   | 10,970       | 3,182          | 33,437              | 104,306             | 139,214             | 37,342              | 10,733              | 26,609              | .....                              |
| 2003 <sup>3</sup> .....                                | 11,150       | 3,064          | 34,165              | 101,872             | 136,037             | .....               | .....               | .....               | .....                              |
| <b>Virginia fire-cured, type 21:</b>                   |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....   | 1,400        | 1,780          | 2,400               | 3,200               | 5,600               | 2,100               | 1,400               | 700                 | 161.2                              |
| 1995 .....   | 1,100        | 1,400          | 1,540               | 3,542               | 5,082               | 1,614               | 800                 | 848                 | 162.5                              |
| 1996 .....   | 1,100        | 1,580          | 1,738               | 3,468               | 5,206               | 2,812               | 2,500               | 312                 | 179.0                              |
| 1997 .....   | 1,200        | 1,640          | 1,968               | 2,394               | 4,362               | 1,989               | 554                 | 1,435               | 212.5                              |
| 1998 .....   | 1,500        | 1,560          | 2,340               | 2,373               | 4,713               | 2,044               | 550                 | 1,494               | 193.6                              |
| 1999 .....   | 1,600        | 1,670          | 2,672               | 2,669               | 5,341               | 1,897               | 979                 | 918                 | 181.9                              |
| 2000 .....   | 1,300        | 1,700          | 2,548               | 3,444               | 5,992               | 1,806               | 1,000               | 806                 | 163.7                              |
| 2001 .....   | 1,200        | 1,835          | 2,202               | 4,168               | 6,388               | 1,567               | 150                 | 1,417               | 175.8                              |
| 2002 .....   | 730          | 2,015          | 1,471               | 4,821               | 6,292               | 1,997               | 64                  | 1,933               | 188                                |
| 2003 <sup>3</sup> .....                                | 650          | 1,300          | 845                 | 4,295               | 5,140               | .....               | .....               | .....               | .....                              |
| <b>Kentucky and Tennessee fire-cured, types 22–23:</b> |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....   | 16,730       | 2,745          | 45,928              | 69,660              | 115,588             | 35,135              | 13,948              | 21,187              | 209.2                              |
| 1995 .....   | 15,780       | 2,386          | 37,650              | 80,453              | 118,103             | 37,909              | 14,118              | 23,791              | 217.2                              |
| 1996 .....   | 15,480       | 2,745          | 42,490              | 80,194              | 122,684             | 39,353              | 17,209              | 22,144              | 224.5                              |
| 1997 .....   | 15,350       | 2,625          | 40,294              | 83,331              | 123,625             | 38,850              | 17,681              | 21,169              | 225.6                              |
| 1998 .....   | 15,340       | 2,444          | 37,495              | 84,775              | 122,270             | 35,549              | 15,177              | 20,372              | 222.5                              |
| 1999 .....   | 14,970       | 2,365          | 35,403              | 86,721              | 122,124             | 34,349              | 20,955              | 13,394              | 229.8                              |
| 2000 .....   | 16,240       | 3,023          | 49,087              | 87,775              | 136,862             | 43,086              | 25,292              | 17,794              | 216.3                              |
| 2001 .....   | 13,420       | 3,211          | 43,097              | 89,766              | 136,873             | 37,388              | 16,229              | 21,159              | 217.2                              |
| 2002 .....   | 10,240       | 3,265          | 33,437              | 90,787              | 132,922             | 35,345              | 10,669              | 24,676              | 214.9                              |
| 2003 <sup>3</sup> .....                                | 10,500       | 3,173          | 33,320              | 93,162              | 130,897             | .....               | .....               | .....               | .....                              |
| <b>Burley, type 31:<sup>2</sup></b>                    |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....   | 266,300      | 2,300          | 612,398             | 1,013,900           | 1,581,900           | 623,093             | 155,000             | 468,093             | 184.1                              |
| 1995 .....   | 234,200      | 1,863          | 436,343             | 958,807             | 1,441,307           | 550,917             | 164,800             | 386,117             | 185.5                              |
| 1996 .....   | 268,300      | 1,940          | 520,483             | 890,390             | 1,406,731           | 655,740             | 209,446             | 446,294             | 192.2                              |
| 1997 .....   | 335,300      | 1,943          | 648,633             | 750,991             | 1,379,222           | 547,616             | 168,395             | 379,221             | 188.5                              |
| 1998 .....   | 307,100      | 1,896          | 582,336             | 831,606             | 1,421,903           | 520,488             | 168,853             | 351,635             | 190.3                              |
| 1999 .....   | 300,600      | 1,829          | 555,185             | 901,415             | 1,452,573           | 412,531             | 139,262             | 273,269             | 189.9                              |
| 2000 .....   | 193,800      | 1,957          | 362,788             | 1,040,042           | 1,355,481           | 665,031             | 142,020             | 523,012             | 196.3                              |
| 2001 .....   | 167,600      | 2,033          | 334,066             | 689,459             | 1,033,119           | 385,238             | 139,802             | 245,436             | 197.3                              |
| 2002 .....   | 158,600      | 1,877          | 303,895             | 647,881             | 947,726             | 369,561             | 148,618             | 220,943             | 197.4                              |
| 2003 <sup>3</sup> .....                                | 156,200      | 1,908          | 303,896             | 578,165             | 868,165             | 341,165             | 135,000             | 206,165             | 197.0                              |
| <b>Maryland, type 32:<sup>2</sup></b>                  |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....   | 12,100       | 1,634          | 19,770              | 12,103              | 31,873              | 17,666              | 5,042               | 12,624              | 147.0                              |
| 1995 .....   | 11,900       | 1,507          | 17,935              | 14,207              | 32,142              | 16,162              | 6,580               | 9,582               | 157.0                              |
| 1996 .....   | 11,400       | 1,451          | 16,030              | 15,007              | 31,037              | 11,549              | 6,442               | 6,572               | 185.6                              |
| 1997 .....   | 11,200       | 1,629          | 17,700              | 19,488              | 37,188              | 14,645              | 6,515               | 8,130               | 158.5                              |
| 1998 .....   | 9,800        | 1,568          | 15,370              | 22,543              | 37,913              | 18,855              | 6,228               | 12,627              | 129.1                              |
| 1999 .....   | 9,500        | 1,511          | 14,350              | 16,003              | 30,353              | 14,353              | 10,157              | 4,196               | 134.5                              |
| 2000 .....   | 8,400        | 1,595          | 13,395              | 13,361              | 26,756              | 17,071              | 12,690              | 4,381               | 138.7                              |
| 2001 .....   | 3,300        | 1,620          | 5,346               | 9,685               | 15,031              | 6,817               | 4,126               | 2,691               | 155.4                              |
| 2002 .....   | 3,000        | 1,595          | 4,785               | 8,214               | 12,999              | 5,650               | 2,938               | 2,712               | 136.4                              |
| 2003 <sup>3</sup> .....                                | 2,800        | 1,705          | 4,775               | 7,349               | 12,124              | .....               | .....               | .....               | .....                              |

See footnotes at end of table.

**Table 2-47.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1994–2003 (farm-sales-weight basis)—Continued**

| Type and crop year                                  | Area         | Yield per acre | Production          | Stocks <sup>1</sup> | Supply              | Disappearance       |                     |                     | Average price per pound to growers |
|---|--------------|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------------------------|
|   |              |                |                     |                     |                     | Total               | Exports             | Domestic            |                                    |
|   | <i>Acres</i> | <i>Pounds</i>  | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>Cents</i>                       |
| <b>Total dark air-cured, types 35–37:</b>           |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994  | 4,690        | 2,515          | 11,797              | 24,844              | 36,641              | ( <sup>4</sup> )    | ( <sup>4</sup> )    | ( <sup>4</sup> )    | 168.3                              |
| 1995  | 4,180        | 2,050          | 8,567               | 27,280              | 35,880              | 11,181              | 1,266               | 9,178               | 176.2                              |
| 1996  | 3,850        | 2,250          | 8,662               | 25,472              | 34,134              | 10,277              | 61                  | 10,216              | 195.0                              |
| 1997  | 3,710        | 2,241          | 8,315               | 23,857              | 32,172              | 4,260               | 10                  | 9,250               | 201.6                              |
| 1998  | 4,435        | 2,206          | 9,785               | 22,512              | 32,297              | 8,203               | 42                  | 8,161               | 195.1                              |
| 1999  | 5,100        | 3,878          | 11,795              | 24,094              | 35,889              | 9,176               | 1,433               | 7,743               | 229.8                              |
| 2000  | 5,580        | 4,551          | 16,061              | 26,713              | 42,774              | 9,896               | 1,022               | 8,874               | 216.3                              |
| 2001  | 5,070        | 4,347          | 14,103              | 32,878              | 46,981              | 8,614               | 322                 | 8,292               | 214.9                              |
| 2002  | 3,830        | 4,466          | 10,686              | 38,367              | 48,956              | 11,679              | 230                 | 11,449              | 225.6                              |
| 2003 <sup>3</sup>                                   | 4,010        | 3,979          | 11,034              | 37,374              | 48,408              |                     |                     |                     |                                    |
| <b>One Sucker, Green River type 35-36:</b>          |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994  | 4,620        | 2,527          | 11,673              | 24,730              | 36,403              | 9,123               | 1,754               | 7,369               | 168.5                              |
| 1995  | 4,110        | 2,065          | 8,488               | 27,280              | 35,768              | 10,344              | 1,266               | 9,078               | 176.2                              |
| 1996  | 3,780        | 2,262          | 8,550               | 25,424              | 33,974              | 10,141              |                     | 10,141              | 191.1                              |
| 1997  | 3,630        | 2,258          | 8,196               | 23,833              | 32,029              | 9,564               | 10                  | 9,554               | 201.7                              |
| 1998  | 4,335        | 2,229          | 9,663               | 22,465              | 32,128              | 8,107               | 10                  | 8,097               | 195.5                              |
| 1999  | 5,000        | 3,328          | 11,640              | 24,021              | 35,661              | 9,036               | 1,337               | 7,699               | 203.9                              |
| 2000  | 5,480        | 2,901          | 15,896              | 26,625              | 42,521              | 9,824               | 1,000               | 8,824               | 197.1                              |
| 2001  | 4,970        | 2,807          | 13,949              | 32,697              | 46,646              | 8,391               | 100                 | 8,291               | 182.9                              |
| 2002  | 3,760        | 2,811          | 10,570              | 38,255              | 48,825              | 11,548              | 100                 | 11,448              | 210.1                              |
| 2003 <sup>3</sup>                                   | 3,940        | 2,779          | 10,950              | 37,277              | 48,227              |                     |                     |                     |                                    |
| <b>Virginia sun-cured, type 37:</b>                 |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994  | 70           | 1,770          | 124                 | 114                 | 238                 | 131                 | 131                 |                     | 147.6                              |
| 1995  | 70           | 1,125          | 107                 | 186                 | 295                 | 138                 |                     |                     | 155.5                              |
| 1996  | 70           | 1,600          | 112                 | 48                  | 160                 | 136                 | 49                  | 27                  | 178.2                              |
| 1997  | 80           | 1,490          | 119                 | 24                  | 143                 | 96                  | 51                  | 45                  | 190.8                              |
| 1998  | 100          | 1,220          | 122                 | 47                  | 169                 | 96                  | 38                  | 58                  | 170.9                              |
| 1999  | 100          | 1,550          | 155                 | 73                  | 228                 | 140                 | 44                  | 96                  | 159.0                              |
| 2000  | 100          | 1,650          | 165                 | 88                  | 253                 | 72                  | 50                  | 22                  | 180.0                              |
| 2001  | 100          | 1,540          | 154                 | 181                 | 335                 | 223                 | 1                   | 222                 | 168.6                              |
| 2002  | 70           | 1,655          | 116                 | 112                 | 131                 | 131                 | 1                   | 130                 | 177.8                              |
| 2003 <sup>3</sup>                                   | 70           | 1,200          | 84                  | 97                  | 181                 |                     |                     |                     |                                    |
| <b>Total continental cigar filler, types 41–44:</b> |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994  | 5,400        | 2,100          | 11,340              | 23,959              | 35,299              | 14,832              | *                   | 14,832              | 100.0                              |
| 1995  | 4,500        | 2,050          | 9,225               | 20,502              | 29,702              | 11,788              | *                   | 11,400              | 145.0                              |
| 1996  | 4,600        | 2,040          | 9,384               | 17,939              | 27,323              | 14,124              | *                   | 12,700              | 155.0                              |
| 1997  | 4,600        | 2,100          | 9,660               | 13,199              | 22,859              | 11,000              | *                   | 11,000              | 160.0                              |
| 1998  | 4,500        | 2,100          | 9,450               | 12,969              | 22,419              | 11,039              | *                   | 11,039              | 130.0                              |
| 1999  | 3,200        | 1,850          | 5,920               | 11,380              | 17,300              | 7,768               | *                   | 7,768               | 130.0                              |
| 2000  | 2,400        | 2,100          | 5,040               | 9,532               | 14,572              | 2,453               | *                   | 2,453               | NA                                 |
| 2001  | 2,000        | 2,060          | 4,120               | 12,119              | 16,239              | 3,968               | *                   | 3,968               | 150.0                              |
| 2002  | 2,100        | 2,100          | 4,410               | 12,271              | 16,681              | 6,014               | *                   | 6,014               | 151.0                              |
| 2003 <sup>3</sup>                                   | 2,400        | 2,200          | 5,280               | 10,667              | 15,947              |                     |                     |                     |                                    |
| <b>Pennsylvania seedleaf filler, type 41:</b>       |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994  | 5,400        | 2,100          | 11,340              | 23,959              | 35,299              | 14,832              | *                   | 14,893              | 100                                |
| 1995  | 4,500        | 2,050          | 9,225               | 20,467              | 29,692              | 11,788              | *                   | 11,788              | 145                                |
| 1996  | 4,800        | 2,140          | 10,272              | 17,939              | 28,211              | 15,012              | *                   | 15,012              | 155                                |
| 1997  | 4,900        | 2,200          | 10,780              | 13,199              | 23,979              | 11,010              | *                   | 11,010              | 160                                |
| 1998  | 4,500        | 2,100          | 9,450               | 12,969              | 22,100              | 10,720              | *                   | 10,720              | 130                                |
| 1999  | 3,200        | 1,850          | 5,920               | 11,380              | 17,300              | 7,768               | *                   | 7,768               | 130                                |
| 2000  | 2,400        | 2,100          | 5,040               | 9,532               | 14,572              | 2,453               | *                   | 2,453               | NA                                 |
| 2001  | 2,000        | 2,060          | 4,120               | 12,119              | 16,239              | 3,968               | *                   | 3,968               | 150                                |
| 2002  | 2,100        | 2,100          | 4,410               | 12,271              | 16,681              | 6,014               | *                   | 6,014               | 151                                |
| 2003 <sup>3</sup>                                   | 2,400        | 2,200          | 5,280               | 10,667              | 15,947              |                     |                     |                     |                                    |

See footnotes at end of table.



**Table 2-47.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1994–2003 (farm-sales-weight basis)—Continued**

| Type and crop year                               | Area         | Yield per acre | Production          | Stocks <sup>1</sup> | Supply              | Disappearance       |                     |                     | Average price per pound to growers |
|--|--------------|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------------------------|
|  |              |                |                     |                     |                     | Total               | Exports             | Domestic            |                                    |
|  | <i>Acres</i> | <i>Pounds</i>  | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>Cents</i>                       |
| <b>Puerto Rican filler, type 46:<sup>5</sup></b> |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....                                       | *            | NA             | *                   | 96                  | 96                  | 61                  | 61                  | .....               | NA                                 |
| 1995 .....                                       | *            | *              | *                   | *                   | *                   | *                   | *                   | *                   | *                                  |
| 1996 .....                                       | *            | *              | *                   | *                   | *                   | *                   | *                   | *                   | *                                  |
| 1997 .....                                       | *            | *              | *                   | *                   | *                   | *                   | *                   | *                   | *                                  |
| 1998 .....                                       | *            | *              | *                   | *                   | *                   | *                   | *                   | *                   | *                                  |
| 1999 .....                                       | *            | *              | *                   | *                   | *                   | *                   | *                   | *                   | *                                  |
| <b>Total cigar binder, types 51–55:</b>          |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....                                       | 3,805        | 2,017          | 7,674               | 29,600              | 37,300              | 12,911              | *                   | 12,886              | 181.1                              |
| 1995 .....                                       | 4,000        | 2,165          | 8,661               | 25,931              | 34,592              | 11,275              | *                   | 11,257              | 213.8                              |
| 1996 .....                                       | 4,500        | 1,792          | 8,063               | 23,317              | 31,380              | 12,398              | 11,832              | 12,198              | 321.1                              |
| 1997 .....                                       | 4,590        | 2,032          | 9,327               | 18,982              | 28,243              | 10,655              | 9,051               | 10,255              | 378.4                              |
| 1998 .....                                       | 4,410        | 1,783          | 7,863               | 18,253              | 26,116              | 8,335               | 6,440               | 1,895               | 334.7                              |
| 1999 .....                                       | 3,680        | 1,899          | 6,987               | 17,781              | 24,768              | 9,321               | 8,057               | 1,264               | 342.7                              |
| 2000 .....                                       | 1,860        | 1,787          | 3,325               | 15,447              | 18,772              | 6,735               | 346                 | 5,389               | 263.3                              |
| 2001 .....                                       | 3,650        | 2,039          | 7,441               | 12,037              | 19,478              | 8,954               | 162                 | 8,592               | 367.3                              |
| 2002 .....                                       | 3,650        | 2,147          | 7,838               | 10,524              | 18,362              | 8,149               | 1,379               | 6,770               | 356.5                              |
| 2003 <sup>3</sup> .....                          | 4,170        | 1,931          | 8,052               | 10,213              | 17,706              | .....               | .....               | .....               | .....                              |
| <b>Connecticut Valley binder, types 51–52:</b>   |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....                                       | 955          | 1,893          | 1,808               | 1,577               | 3,385               | 1,900               | 0                   | 2,004               | 306.0                              |
| 1995 .....                                       | 1,240        | 1,969          | 2,441               | 1,381               | 3,822               | 2,245               | 0                   | 2,245               | 389.0                              |
| 1996 .....                                       | 1,630        | 1,780          | 2,901               | 1,577               | 4,478               | 3,298               | 605                 | 2,932               | 628.0                              |
| 1997 .....                                       | 2,040        | 1,783          | 3,637               | 3,637               | 4,817               | 2,766               | 605                 | 2,161               | 741.4                              |
| 1998 .....                                       | 2,360        | 1,539          | 3,633               | 2,051               | 5,684               | 2,199               | 775                 | 1,424               | 549.9                              |
| 1999 .....                                       | 2,500        | 1,668          | 4,169               | 3,485               | 7,654               | 4,888               | 264                 | 4,624               | 473.7                              |
| 2000 .....                                       | 900          | 1,189          | 1,070               | 2,766               | 3,836               | 1,522               | 346                 | 1,176               | 491.6                              |
| 2001 .....                                       | 2,140        | 1,786          | 3,822               | 2,314               | 6,136               | 4,308               | 162                 | 4,146               | 558.9                              |
| 2002 .....                                       | 2,200        | 1,828          | 4,021               | 1,828               | 5,849               | 3,779               | 1,379               | 2,400               | 536.9                              |
| 2003 <sup>3</sup> .....                          | 2,350        | 1,369          | 3,216               | 2,070               | 5,286               | .....               | .....               | .....               | .....                              |
| <b>Wisconsin binder, types 54–55:</b>            |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....                                       | 2,850        | 1,444          | 5,866               | 27,947              | 33,813              | 9,263               | 0                   | 9,263               | 145.0                              |
| 1995 .....                                       | 2,760        | 2,254          | 6,220               | 24,550              | 30,770              | 9,030               | 0                   | 9,030               | 145.0                              |
| 1996 .....                                       | 2,870        | 1,799          | 5,162               | 21,740              | 26,902              | 9,100               | 200                 | 8,900               | 148.6                              |
| 1997 .....                                       | 2,550        | 2,231          | 5,690               | 17,802              | 23,492              | 7,290               | 400                 | 6,890               | 150.5                              |
| 1998 .....                                       | 2,050        | 2,063          | 4,230               | 16,202              | 20,432              | 6,136               | 1,120               | 5,016               | 149.8                              |
| 1999 .....                                       | 1,180        | 2,388          | 2,818               | 14,296              | 17,114              | 4,433               | 1,000               | 3,433               | 149.0                              |
| 2000 .....                                       | 960          | 2,348          | 2,255               | 12,681              | 14,936              | 5,213               | 1,000               | 4,213               | 155.0                              |
| 2001 .....                                       | 1,510        | 2,397          | 3,619               | 9,723               | 13,342              | 4,646               | 200                 | 4,646               | 165.0                              |
| 2002 .....                                       | 1,450        | 2,632          | 3,817               | 8,696               | 12,513              | 4,370               | 50                  | 4,320               | 175.0                              |
| 2003 <sup>3</sup> .....                          | 1,820        | 2,350          | 4,277               | 8,143               | 12,420              | .....               | .....               | .....               | .....                              |
| <b>Southern Wisconsin, type 54:</b>              |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....                                       | 1,900        | 2,200          | 4,180               | .....               | .....               | .....               | .....               | .....               | 145.0                              |
| 1995 .....                                       | 1,900        | 2,370          | 4,513               | .....               | .....               | .....               | .....               | .....               | 145.0                              |
| 1996 .....                                       | 1,900        | 1,900          | 3,610               | .....               | .....               | .....               | .....               | .....               | 148.0                              |
| 1997 .....                                       | 1,800        | 2,330          | 4,194               | .....               | .....               | .....               | .....               | .....               | 151.0                              |
| 1998 .....                                       | 1,500        | 2,180          | 3,270               | .....               | .....               | .....               | .....               | .....               | 150.0                              |
| 1999 .....                                       | 890          | 2,530          | 2,252               | .....               | .....               | .....               | .....               | .....               | 149.0                              |
| 2000 .....                                       | 710          | 2,500          | 1,825               | .....               | .....               | .....               | .....               | .....               | 155.0                              |
| 2001 .....                                       | 1,200        | 2,535          | 3,042               | .....               | .....               | .....               | .....               | .....               | 165.0                              |
| 2002 .....                                       | 1,150        | 2,740          | 3,151               | .....               | .....               | .....               | .....               | .....               | .....                              |
| 2003 <sup>3</sup> .....                          | 1,400        | 2,500          | 3,500               | .....               | .....               | .....               | .....               | .....               | .....                              |

See footnotes at end of table.

**Table 2-47.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1994–2003 (farm-sales-weight basis)—Continued**

| Type and crop year                              | Area         | Yield per acre | Production          | Stocks <sup>1</sup> | Supply              | Disappearance       |                     |                     | Average price per pound to growers |
|---|--------------|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------------------------|
|   |              |                |                     |                     |                     | Total               | Exports             | Domestic            |                                    |
|   | <i>Acres</i> | <i>Pounds</i>  | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>Cents</i>                       |
| <b>Northern Wisconsin, type 55:</b>             |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....                                      | 950          | 1,775          | 1,686               | .....               | .....               | .....               | .....               | .....               | 148.0                              |
| 1995 .....                                      | 860          | 1,985          | 1,707               | .....               | .....               | .....               | .....               | .....               | 145.0                              |
| 1996 .....                                      | 970          | 1,600          | 1,552               | .....               | .....               | .....               | .....               | .....               | 150.0                              |
| 1997 .....                                      | 750          | 1,995          | 1,496               | .....               | .....               | .....               | .....               | .....               | 151.0                              |
| 1998 .....                                      | 550          | 1,745          | 960                 | .....               | .....               | .....               | .....               | .....               | 149.0                              |
| 1999 .....                                      | 290          | 1,952          | 566                 | .....               | .....               | .....               | .....               | .....               | 149.0                              |
| 2000 .....                                      | 230          | 1,865          | 430                 | .....               | .....               | .....               | .....               | .....               | 155.0                              |
| 2001 .....                                      | 310          | 1,860          | 577                 | .....               | .....               | .....               | .....               | .....               | 165.0                              |
| 2002 .....                                      | 300          | 2,220          | 666                 | .....               | .....               | .....               | .....               | .....               | .....                              |
| 2003 <sup>3</sup> .....                         | 420          | 1,850          | 777                 | .....               | .....               | .....               | .....               | .....               | .....                              |
| <b>Total cigar wrapper, types 61:</b>           |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....                                      | 1,190        | 1,460          | 1,666               | 1,890               | 3,556               | 1,610               | 1,300               | 200                 | 1,300                              |
| 1995 .....                                      | 1,265        | 1,582          | 2,001               | 2,090               | 4,091               | 1,835               | 1,400               | 409                 | NA                                 |
| 1996 .....                                      | 1,430        | 1,473          | 2,106               | 2,256               | 4,362               | 2,410               | 2,000               | 210                 | <sup>7</sup>                       |
| 1997 .....                                      | 1,680        | 1,431          | 2,404               | 1,952               | 4,356               | 2,309               | 2,100               | 209                 | 2,520                              |
| 1998 .....                                      | 1,720        | 1,413          | 2,431               | 2,047               | 4,478               | 3,202               | 2,722               | 480                 | 2,420                              |
| 1999 .....                                      | 1,860        | 1,951          | 3,628               | 1,276               | 4,904               | 4,127               | 3,021               | 1,106               | <sup>7</sup>                       |
| 2000 .....                                      | 1,250        | 1,472          | 1,840               | 777                 | 2,617               | 1,494               | 1,300               | 194                 | 2,530                              |
| 2001 .....                                      | 1,300        | 1,605          | 2,086               | 1,123               | 3,209               | 1,422               | 1,200               | 222                 | <sup>7</sup>                       |
| 2002 .....                                      | 960          | 1,270          | 1,219               | 1,787               | 3,006               | 2,298               | 750                 | 1,548               | na                                 |
| 2003 <sup>3</sup> .....                         | 1,080        | 1,409          | 1,522               | 708                 | 2,230               | .....               | .....               | .....               | .....                              |
| <b>Total tobacco, types 11–72: <sup>6</sup></b> |              |                |                     |                     |                     |                     |                     |                     |                                    |
| 1994 .....                                      | 671,065      | 2,359          | 1,582,896           | 2,474,172           | 4,057,068           | 1,629,869           | 524,252             | 1,131,997           | 177.4                              |
| 1995 .....                                      | 663,125      | 1,913          | 1,268,538           | 2,319,687           | 3,588,225           | 1,362,782           | 534,034             | 828,748             | 182.0                              |
| 1996 .....                                      | 733,060      | 2,072          | 1,518,704           | 2,225,443           | 3,744,147           | 1,713,445           | 631,036             | 1,082,409           | 188.2                              |
| 1997 .....                                      | 836,230      | 2,137          | 1,787,399           | 2,030,702           | 3,818,101           | 1,567,860           | 532,211             | 1,035,649           | 180.3                              |
| 1998 .....                                      | 717,605      | 2,062          | 1,479,867           | 2,250,241           | 3,730,108           | 1,429,440           | 537,023             | 892,417             | 182.8 <sup>7</sup>                 |
| 1999 .....                                      | 647,160      | 1,997          | 1,292,692           | 2,300,668           | 3,593,360           | 1,204,925           | 432,876             | 772,049             | 182.8 <sup>7</sup>                 |
| 2000 .....                                      | 472,410      | 2,229          | 1,052,999           | 2,388,435           | 3,441,434           | 1,548,344           | 414,414             | 1,133,930           | 186.8 <sup>8</sup>                 |
| 2001 .....                                      | 432,310      | 2,293          | 991,223             | 1,893,090           | 2,884,313           | 1,145,915           | 436,142             | 709,773             | 192.0 <sup>7</sup>                 |
| 2002 .....                                      | 428,710      | 2,049          | 878,592             | 1,738,398           | 2,616,990           | 1,032,972           | 383,924             | 649,048             | 187.0 <sup>8</sup>                 |
| 2003 <sup>3</sup> .....                         | 413,700      | 1,997          | 831,204             | 1,584,018           | 2,415,222           | .....               | .....               | .....               | .....                              |

<sup>1</sup> July 1 for flue-cured types 11-14 and cigar types 61 and 62; Oct. 1 for all other types. <sup>2</sup> Flue-cured (type11-14) and Burley (type 31) supply based on actual marketing. Maryland (type 32) based on October 1 stocks. <sup>3</sup> Preliminary. <sup>4</sup> Not available. <sup>5</sup> Puerto Rican crop planted in the fall of the year shown and harvested the following spring. No longer produced. <sup>6</sup> Includes Perique. <sup>7</sup> Does not include cigar wrapper type 61. <sup>8</sup> Does not include cigar filler type 41. NA-not applicable. \*Negligible.

ERS, Specialty Crops Branch, (202) 694-5311. Basic export data from the official reports of the Department of Commerce.

**Table 2-48.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1998–2002 (farm-sales-weight basis)<sup>1</sup>**

| Type and year   | Jan. 1              | Apr. 1              | July 1              | Oct. 1              |
|---|---------------------|---------------------|---------------------|---------------------|
|   | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| Flue-cured, types 11–14:                              |                     |                     |                     |                     |
| 1998 .....  | 1,479,902           | 1,278,563           | 1,123,060           | 1,420,853           |
| 1999 .....  | 1,529,794           | 1,311,220           | 1,189,488           | 1,451,193           |
| 2000 .....  | 1,416,141           | 1,202,551           | 1,036,367           | 1,218,789           |
| 2001 .....  | 1,077,226           | 922,184             | 821,083             | 1,042,878           |
| 2002 .....  | 1,109,625           | 997,234             | 837,670             | 1,069,352           |
| Virginia fire-cured, type 21:                         |                     |                     |                     |                     |
| 1998 .....  | 2,171               | 2,955               | 2,024               | 1,850               |
| 1999 .....  | 3,158               | 3,698               | 3,855               | 3,444               |
| 2000 .....  | 3,158               | 4,579               | 4,278               | 4,186               |
| 2001 .....  | 3,593               | 4,223               | 4,020               | 3,906               |
| 2002 .....  | 4,355               | 4,866               | 4,558               | 4,295               |
| Kentucky and Tennessee fire-cured, types 22–23:       |                     |                     |                     |                     |
| 1998 .....  | 73,561              | 89,710              | 86,187              | 78,219              |
| 1999 .....  | 85,597              | 98,039              | 95,847              | 87,775              |
| 2000 .....  | 83,955              | 109,569             | 105,963             | 93,776              |
| 2001 .....  | 91,383              | 106,293             | 100,652             | 92,723              |
| 2002 .....  | 98,824              | 115,145             | 107,009             | 97,577              |
| Burley, type 31:                                      |                     |                     |                     |                     |
| 1998 .....  | 764,153             | 754,245             | 783,324             | 693,711             |
| 1999 .....  | 1,025,217           | 1,144,288           | 1,141,273           | 1,040,042           |
| 2000 .....  | 1,159,848           | 1,057,925           | 786,926             | 689,459             |
| 2001 .....  | 664,725             | 639,769             | 577,785             | 520,777             |
| 2002 .....  | 734,675             | 724,140             | 640,887             | 578,165             |
| Maryland, type 32:                                    |                     |                     |                     |                     |
| 1998 .....  | 16,020              | 17,128              | 20,715              | 18,695              |
| 1999 .....  | 16,003              | 17,678              | 17,153              | 15,142              |
| 2000 .....  | 13,361              | 36,306              | 35,339              | 32,697              |
| 2001 .....  | 8,380               | 8,604               | 8,349               | 7,353               |
| 2002 .....  | 8,214               | 7,768               | 7,252               | 7,349               |
| One Sucker and Green River, types 35–36: <sup>2</sup> |                     |                     |                     |                     |
| 1998 .....  | 21,309              | 23,435              | 19,433              | 19,432              |
| 1999 .....  | 25,942              | 30,274              | 28,746              | 26,625              |
| 2000 .....  | 28,222              | 36,306              | 35,339              | 32,697              |
| 2001 .....  | 32,914              | 36,575              | 35,505              | 33,388              |
| 2002 .....  | 39,993              | 43,074              | 40,138              | 37,277              |
| Virginia sun-cured, type 37:                          |                     |                     |                     |                     |
| 1998 .....  | 23                  | 66                  | 37                  | 37                  |
| 1999 .....  | 94                  | 103                 | 90                  | 88                  |
| 2000 .....  | 90                  | 149                 | 185                 | 181                 |
| 2001 .....  | 151                 | 104                 | 100                 | 96                  |
| 2002 .....  | 235                 | 209                 | 91                  | 97                  |
| Pennsylvania seedleaf, type 41:                       |                     |                     |                     |                     |
| 1998 .....  | 11,980              | 15,525              | 13,578              | 12,141              |
| 1999 .....  | 11,358              | 10,426              | 9,847               | 9,532               |
| 2000 .....  | 8,757               | 11,449              | 10,314              | 12,119              |
| 2001 .....  | 9,620               | 12,603              | 11,701              | 10,092              |
| 2002 .....  | 11,639              | 15,012              | 12,986              | 10,667              |
| Connecticut Valley, types 51–52:                      |                     |                     |                     |                     |
| 1998 .....  | 1,916               | 1,398               | 1,251               | 1,493               |
| 1999 .....  | 3,812               | 2,429               | 2,481               | 2,766               |
| 2000 .....  | 2,747               | 2,356               | 2,545               | 2,314               |
| 2001 .....  | 2,209               | 1,940               | 1,734               | 1,459               |
| 2002 .....  | 2,238               | 1,710               | 2,137               | 2,070               |
| Wisconsin binder, types 54–55:                        |                     |                     |                     |                     |
| 1998 .....  | 15,386              | 19,740              | 17,188              | 15,548              |
| 1999 .....  | 13,910              | 14,742              | 14,021              | 12,681              |
| 2000 .....  | 11,384              | 12,498              | 10,871              | 9,723               |
| 2001 .....  | 8,278               | 10,624              | 9,478               | 8,405               |
| 2002 .....  | 7,647               | 10,289              | 9,271               | 8,143               |
| Cigar Wrapper, type 61:                               |                     |                     |                     |                     |
| 1998 .....  | 2,344               | 1,790               | 1,698               | 1,491               |
| 1999 .....  | 1,948               | 1,544               | 777                 | 1,827               |
| 2000 .....  | 1,289               | 1,004               | 678                 | 1,787               |
| 2001 .....  | 1,169               | 1,131               | 770                 | 553                 |
| 2002 .....  | 1,530               | 988                 | 708                 | 1,471               |

See footnotes at end of table.

**Table 2-48.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1998–2002 (farm-sales-weight basis)<sup>1</sup>—Continued**

| Type and year                                     | Jan. 1              | Apr. 1              | July 1              | Oct. 1              |
|---|---------------------|---------------------|---------------------|---------------------|
|   | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| Perique, type 72:                                 |                     |                     |                     |                     |
| 1998 .....  | 12                  | 16                  | 15                  | 12                  |
| 1999 .....  | 27                  | 21                  | 21                  | 24                  |
| 2000 .....  | 31                  | 29                  | 21                  | 71                  |
| 2001 .....  | 30                  | 20                  | 19                  | 19                  |
| 2002 .....  | 28                  | 27                  | 25                  | 23                  |
| Other miscellaneous domestic, type 73:            |                     |                     |                     |                     |
| 1998 .....  | 2,182               | 2,405               | 2,946               | 2,207               |
| 1999 .....  | 642                 | 55                  | 54                  | 53                  |
| 2000 .....  | 2,198               | 2,763               | 2,822               | 3,098               |
| 2001 .....  | 2,477               | 2,165               | 1,753               | 2,557               |
| 2002 .....  | 3,766               | 3,059               | 3,607               | 3,630               |
| Foreign-grown cigar-leaf, types 81–89:            |                     |                     |                     |                     |
| 1998 .....  | 87,953              | 93,279              | 78,638              | 92,167              |
| 1999 .....  | 111,158             | 107,287             | 106,755             | 103,773             |
| 2000 .....  | 102,295             | 100,965             | 103,126             | 97,788              |
| 2001 .....  | 74,555              | 71,520              | 69,128              | 72,430              |
| 2002 .....  | 98,481              | 94,534              | 95,277              | 96,207              |
| Foreign-grown cigarette and smoking, types 91–99: |                     |                     |                     |                     |
| 1998 .....  | 1,005,466           | 968,565             | 935,595             | 946,608             |
| 1999 .....  | 959,486             | 865,615             | 840,053             | 836,950             |
| 2000 .....  | 790,892             | 789,941             | 753,082             | 766,382             |
| 2001 .....  | 662,709             | 654,484             | 621,554             | 644,749             |
| 2002 .....  | 744,609             | 734,865             | 737,292             | 755,748             |

<sup>1</sup> Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by grower—thereby making these data of leaf-tobacco stocks comparable with data of leaf-tobacco production. <sup>2</sup> One Sucker and Green River combined. <sup>3</sup> Stocks on the island of Puerto Rico are included. AMS Market Information and Program Analysis Branch, (202) 205-0489.

**Table 2-49.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1994–2003<sup>1</sup>**

| Year                    | Cigarettes     |                       |               | Large cigars <sup>2</sup> |                                   |               | Smoking, chewing, and snuff <sup>3</sup> |               | All tobacco products <sup>3</sup> |               |
|-------------------------|----------------|-----------------------|---------------|---------------------------|-----------------------------------|---------------|--|---------------|-----------------------------------|---------------|
|                         | Total          | Total                 | Per capita    | Total                     | Total                             | Per capita    | Total                                    | Per capita    | Total                             | Per capita    |
|                         | <i>Billion</i> | <i>Million pounds</i> | <i>Number</i> | <i>Billion</i>            | <i>Million pounds<sup>4</sup></i> | <i>Number</i> | <i>Million pounds</i>                    | <i>Pounds</i> | <i>Million pounds</i>             | <i>Pounds</i> |
| 1994 .....              | 486            | 816                   | 2,527         | 2.3                       | 41                                | 12            | 92                                       | 0.47          | 948                               | 4.93          |
| 1995 .....              | 487            | 819                   | 2,505         | 2.6                       | 44                                | 13            | 91                                       | 0.47          | 953                               | 4.91          |
| 1996 .....              | 487            | 814                   | 2,482         | 3.1                       | 52                                | 16            | 90                                       | 0.46          | 960                               | 4.70          |
| 1997 .....              | 480            | 805                   | 2,422         | 3.5                       | 58                                | 18            | 88                                       | 0.45          | 1,004                             | 4.66          |
| 1998 .....              | 465            | 781                   | 2,320         | 3.7                       | 60                                | 18            | 87                                       | 0.43          | 962                               | 4.49          |
| 1999 .....              | 435            | 721                   | 2,148         | 3.8                       | 63                                | 19            | 87                                       | 0.45          | 876                               | 4.32          |
| 2000 .....              | 430            | 711                   | 2,056.2       | 3.9                       | 63                                | 19            | 92                                       | 0.44          | 866                               | 4.21          |
| 2001 .....              | 425            | 696                   | 2,025.8       | 3.9                       | 67                                | 20            | 89                                       | 0.43          | 863                               | 4.11          |
| 2002 .....              | 415            | 738                   | 1,978.8       | 3.8                       | 68                                | 19            | 89                                       | 0.42          | 898                               | 4.23          |
| 2003 <sup>5</sup> ..... | 410            | 720                   | 1,902.8       | na                        | 69                                | 19            | 90                                       | 0.42          | 883                               | 4.10          |

<sup>1</sup> Includes consumption by overseas forces. <sup>2</sup> Weighing over 3 pounds per 1,000. <sup>3</sup> Unstemmed-processing weight equivalent. <sup>4</sup> Includes weight of small cigars. <sup>5</sup> Preliminary na=not available. ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694-5311. No adjustment made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals.

**Table 2-50.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1993–2002**

| Year  | Cigars           |                  | Cigarettes         |                  | Chewing tobacco     |                     |                     |                     |
|---|------------------|------------------|--------------------|------------------|---------------------|---------------------|---------------------|---------------------|
|   | Large            | Small            | Large <sup>1</sup> | Small            | Firm                | Moist               | Twist               | Looseleaf           |
|   | <i>Mil-lions</i> | <i>Mil-lions</i> | <i>Mil-lions</i>   | <i>Mil-lions</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| 1993 ...  | 1,765.8          | 1,250.1          | 0.14               | 660,724.7        | .....               | 5,318               | 1,137               | 57,998              |
| 1994 ...  | 1,916.5          | 1,409.8          | 0.01               | 725,006.7        | 3,307               | 1,318               | 1,081               | 56,780              |
| 1995 ...  | 2,056.8          | 1,430.4          | 0.01               | 743,519.1        | 2,886               | 1,247               | 1,085               | 57,678              |
| 1996 ...  | NA               | NA               | NA                 | NA               | 2,905               | 1,039               | 1,114               | 56,012              |
| 1997 ...  | 2,323.6          | 1,476.1          | 0.00               | 765,324.2        | 2,562               | 911                 | 977                 | 53,663              |
| 1998 ...  | 2,750.4          | 1,710.3          | 0.00               | 679,746.6        | 2,359               | 744                 | 976                 | 49,235              |
| 1999 ...  | 2,938.1          | 2,316.6          | 0.00               | 606,318.5        | 2,187               | 633                 | 886                 | 47,177              |
| 2000 <sup>2</sup>                                   | 2,824.5          | 2,468.9          | 0.00               | 593,173.0        | 2,048               | 543                 | 829                 | 45,978              |
| 2001 <sup>2</sup>                                   | NA               | NA               | NA                 | NA               | 1,867               | 475                 | 821                 | 43,872              |
| 2002 <sup>2</sup>                                   | 3,815.8          | 2,478.3          | 0.00               | 484,332.1        | 1,782               | 376                 | 787                 | 41,515              |
| Taxable removals and domestic invoices <sup>3</sup> |                  |                  |                    |                  |                     |                     |                     |                     |
| 1993 ...  | 2,110.8          | 1,205.2          | 0.1                | 462,858.6        | .....               | 4,995               | 1,122               | 57,671              |
| 1994 ...  | 2,144.8          | 1,366.9          | 0.02               | 488,606.9        | 3,095               | 1,191               | 1,114               | 56,431              |
| 1995 ...  | 2,364.6          | 1,397.0          | 0.00               | 489,265.8        | 3,015               | 1,147               | 1,092               | 57,048              |
| 1996 ...  | NA               | NA               | NA                 | NA               | 2,797               | 952                 | 1,104               | 55,136              |
| 1997 <sup>2</sup>                                   | 3,031.2          | 1,587.3          | 0.00               | 495,237.5        | 2,517               | 806                 | 1,010               | 52,480              |
| 1998 <sup>2</sup>                                   | 3,185.1          | 1,638.0          | 0.00               | 457,871.7        | 2,288               | 674                 | 968                 | 48,562              |
| 1999 <sup>2</sup>                                   | 3,348.7          | 2,195.9          | 0.00               | 429,556.4        | 2,119               | 581                 | 894                 | 46,916              |
| 2000 <sup>2</sup>                                   | 3,369.8          | 2,243.2          | 0.00               | 421,597.4        | 2,049               | 485                 | 863                 | 45,059              |
| 2001 <sup>2</sup>                                   | NA               | NA               | NA                 | NA               | 1,828               | 429                 | 803                 | 43,532              |
| 2002 <sup>2</sup>                                   | 3,703.2          | 2,247.9          | 0.00               | 3,948,719        | 1,722               | 329                 | 750                 | 40,225              |
| Tax-free removals and exports                       |                  |                  |                    |                  |                     |                     |                     |                     |
| 1993 ...  | 68.8             | 7.8              | 0.1                | 193,577.7        | .....               | 104                 | 0                   | 42                  |
| 1994 ...  | 75.7             | 12.3             | 0.2                | 231,629.4        | 59                  | 28                  | 0                   | 66                  |
| 1995 ...  | 84.6             | 16.8             | 0.2                | 250,765.6        | 91                  | 33                  | 0                   | 83                  |
| 1996 ...  | NA               | NA               | NA                 | NA               | 73                  | 32                  | 0                   | 100                 |
| 1997 <sup>2</sup>                                   | 115.7            | 66.3             | 0.00               | 310,329.5        | 65                  | 23                  | 0                   | 94                  |
| 1998 <sup>2</sup>                                   | 134.3            | 1,323            | 0.00               | 212,364.9        | 48                  | 30                  | 0                   | 73                  |
| 1999 <sup>2</sup>                                   | 121.3            | 1,152.2          | 0.00               | 165,443.8        | 30                  | 23                  | 0                   | 69                  |
| 2000 <sup>2</sup>                                   | 113.7            | 228.6            | 0.00               | 153,633.8        | 31                  | 34                  | 0                   | 85                  |
| 2001 <sup>2</sup>                                   | NA               | NA               | NA                 | NA               | 30                  | 31                  | 0                   | 75                  |
| 2002 <sup>2</sup>                                   | 79.6             | 270.5            | 0.00               | 136,582.4        | 28                  | 26                  | 0                   | 68                  |

See footnotes at end of table.

**Table 2-50.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1993–2002—Continued**

| Year  | Smoking tobacco     |                     |                     | Snuff               | Total chewing, smoking, and snuff |
|---|---------------------|---------------------|---------------------|---------------------|-----------------------------------|
|   | Pipe                | Granulated          | Cigarette cut       |                     |                                   |
|   | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>               |
| 1993 ...  | 8,990               | 37                  | 4,646               | 59,106              | 137,232                           |
| 1994 ...  | 8,077               | 50                  | 5,268               | 59,491              | 135,372                           |
| 1995 ...  | 7,614               | 93                  | 4,536               | 60,202              | 135,026                           |
| 1996 ...  | 6,939               | 90                  | 4,954               | 61,539              | 134,592                           |
| 1997 ...  | 6,770               | 72                  | 4,555               | 64,336              | 133,846                           |
| 1998 ...  | 6,154               | 60                  | 6,251               | 65,477              | 131,256                           |
| 1999 ...  | 6,726               | 61                  | 7,908               | 66,992              | 132,570                           |
| 2000 ...  | 5,982               | 50                  | 7,327               | 69,556              | 132,313                           |
| 2001 ...  | 5,088               | 0                   | 7,674               | 70,893              | 130,690                           |
| 2002 <sup>2</sup>                                   | 5,018               | 0                   | 10,474              | 72,696              | 132,648                           |
| Taxable removals and domestic invoices <sup>3</sup> |                     |                     |                     |                     |                                   |
| 1993 ...  | 8,526               | 38                  | 4,731               | 56,729              | 133,812                           |
| 1994 ...  | 7,380               | 44                  | 5,128               | 58,567              | 132,950                           |
| 1995 ...  | 7,032               | 100                 | 4,686               | 59,339              | 133,459                           |
| 1996 ...  | 6,469               | 88                  | 4,790               | 61,390              | 132,726                           |
| 1997 <sup>2</sup>                                   | 5,999               | 70                  | 4,746               | 62,481              | 130,109                           |
| 1998 <sup>2</sup>                                   | 5,604               | 62                  | 6,356               | 64,051              | 128,565                           |
| 1999 <sup>2</sup>                                   | 5,701               | 59                  | 7,688               | 65,518              | 129,476                           |
| 2000 <sup>2</sup>                                   | 4,620               | 50                  | 8,398               | 68,605              | 130,129                           |
| 2001 <sup>2</sup>                                   | 4,815               | 0                   | 10,094              | 69,661              | 131,162                           |
| 2002 <sup>2</sup>                                   | 4,643               | 0                   | 11,258              | 71,668              | 130,595                           |
| Tax-free removals and exports                       |                     |                     |                     |                     |                                   |
| 1993 ...  | 413                 | 0                   | 0                   | 769                 | 1,328                             |
| 1994 ...  | 513                 | 0                   | 0                   | 798                 | 1,464                             |
| 1995 ...  | 524                 | 0                   | 0                   | 821                 | 1,552                             |
| 1996 ...  | 429                 | 0                   | 0                   | 292                 | 926                               |
| 1997 <sup>2</sup>                                   | 532                 | 0                   | 0                   | 862                 | 1,576                             |
| 1998 <sup>2</sup>                                   | 531                 | 0                   | 0                   | 682                 | 1,364                             |
| 1999 <sup>2</sup>                                   | 532                 | 0                   | 0                   | 788                 | 1,442                             |
| 2000 <sup>2</sup>                                   | 546                 | 0                   | 0                   | 742                 | 1,438                             |
| 2001 <sup>2</sup>                                   | 455                 | 0                   | 0                   | 65                  | 1,356                             |
| 2002 <sup>2</sup>                                   | 598                 | 0                   | 0                   | 704                 | 1,424                             |

<sup>1</sup> Weighing more than three pounds per thousand. <sup>2</sup> Preliminary. <sup>3</sup> Includes cigars and cigarettes imported or brought into the United States and Puerto Rico. NA-not available.

**Table 2-51.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1994–2003**

| Year                    | Cigarettes     |                                   |                                  |                | Cigars <sup>3</sup>       |                                   |                                  |                |
|-------------------------|----------------|-----------------------------------|----------------------------------|----------------|---------------------------|-----------------------------------|----------------------------------|----------------|
|                         | Total output   | Domestic consumption <sup>1</sup> | Tax-exempt removals <sup>2</sup> |                | Total output <sup>4</sup> | Domestic consumption <sup>1</sup> | Tax-exempt removals <sup>2</sup> |                |
|                         |                |                                   | Total                            | Exports        |                           |                                   | Total                            | Exports        |
|                         | <i>Billion</i> | <i>Billion</i>                    | <i>Billion</i>                   | <i>Billion</i> | <i>Million</i>            | <i>Million</i>                    | <i>Million</i>                   | <i>Million</i> |
| 1994 .....              | 726            | 486                               | 232                              | 220            | 1,942                     | 2,337                             | 78                               | 75             |
| 1995 .....              | 747            | 487                               | 251                              | 231            | 2,058                     | 2,568                             | 85                               | 78             |
| 1996 .....              | 755            | 487                               | 261                              | 244            | 2,413                     | 3,054                             | 98                               | 84             |
| 1997 .....              | 720            | 480                               | 232                              | 217            | 2,324                     | 3,517                             | 110                              | 136            |
| 1998 .....              | 680            | 465                               | 213                              | 201            | 2,751                     | 3,655                             | 112                              | 158            |
| 1999 .....              | 607            | 435                               | 165                              | 151            | 2,938                     | 3,845                             | 121                              | 84             |
| 2000 .....              | 595            | 430                               | 154                              | 148            | 2,825                     | 3,850                             | 114                              | 113            |
| 2001 .....              | 562            | 425                               | 145                              | 134            | 3,743                     | 3,941                             | 130                              | 124            |
| 2002 .....              | 532            | 415                               | 137                              | 127            | 3,816                     | 3,833                             | 238                              | 123            |
| 2003 <sup>5</sup> ..... | 500            | 410                               | 127                              | 120            | na                        | na                                | na                               | 163            |

<sup>1</sup> As indicated by taxable removals and imports, and estimated inventory changes. <sup>2</sup> In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships' stores. <sup>3</sup> Includes cigarillos but excludes small (approximately cigarette-size) cigars. <sup>4</sup> Includes cigars shipped to mainland United States from Puerto Rico. <sup>5</sup> Preliminary.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694–5311. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department.

**Table 2-52.—Tobacco: Price-support loan operations, United States, 1994–2003<sup>1</sup>**

| Year       | Flue-cured, types 11–14 |                       |                          | Burley, type 31         |                       |                          |
|------------|-------------------------|-----------------------|--------------------------|-------------------------|-----------------------|--------------------------|
|            | Support price per pound | Placed under loan     |                          | Support price per pound | Placed under loan     |                          |
|            |                         | Quantity              | Percentage of production |                         | Quantity              | Percentage of production |
|            | <i>Cents</i>            | <i>Million pounds</i> | <i>Percent</i>           | <i>Cents</i>            | <i>Million pounds</i> | <i>Percent</i>           |
| 1994 ..... | 158.3                   | 97.7                  | 12.1                     | 171.4                   | 54.7                  | 9.6                      |
| 1995 ..... | 159.7                   | 11.5                  | 1.3                      | 172.5                   | 0.0                   | 0.0                      |
| 1996 ..... | 160.1                   | 1.8                   | 0.2                      | 173.7                   | 0.0                   | 0.0                      |
| 1997 ..... | 162.1                   | 195.5                 | 19.4                     | 176                     | 124.5                 | 19.8                     |
| 1998 ..... | 162.8                   | 82.5                  | 10.1                     | 177.8                   | 73.2                  | 12.4                     |
| 1999 ..... | 163.2                   | 136.4                 | 21.2                     | 178.9                   | 230.6                 | 42.0                     |
| 2000 ..... | 164.0                   | 27.4                  | 4.4                      | 180.5                   | 19.3                  | 4.8                      |
| 2001 ..... | 166.0                   | 15.0                  | 2.6                      | 182.6                   | 12.4                  | 3.5                      |
| 2002 ..... | 165.6                   | .....                 | .....                    | 183.5                   | .....                 | .....                    |
| 2003 ..... | .....                   | .....                 | .....                    | .....                   | .....                 | .....                    |

<sup>1</sup> Support operations for other kinds of tobacco not shown. Burley and flue-cured usually account for over 95 percent of tobacco loan placements.

FSA, Tobacco and Peanuts Division, (202)–720–5291.

**Table 2-53.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 2000–2002**

| Type and country of origin           | 2000               | 2001               | 2002 <sup>1</sup>  |
|--------------------------------------|--------------------|--------------------|--------------------|
|                                      | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Cigarette leaf:</b>               |                    |                    |                    |
| Brazil .....                         | 42,525             | 44,028             | 60,286             |
| Turkey .....                         | 29,303             | 42,336             | 37,659             |
| Malawi .....                         | 16,205             | 13,142             | 14,503             |
| Argentina .....                      | 12,020             | 11,187             | 13,368             |
| Canada .....                         | 6,121              | 10,318             | 9,067              |
| Greece .....                         | 8,243              | 6,782              | 7,551              |
| Indonesia .....                      | 7,421              | 5,746              | 6,500              |
| Italy .....                          | 5,520              | 7,092              | 6,087              |
| Bulgaria .....                       | 3,002              | 5,637              | 6,056              |
| Others .....                         | 45,033             | 48,117             | 41,775             |
| <b>Total .....</b>                   | <b>175,393</b>     | <b>194,385</b>     | <b>202,852</b>     |
| <b>Cigar wrapper:</b>                |                    |                    |                    |
| Honduras .....                       | 202                | 217                | 518                |
| Ecuador .....                        | 265                | 424                | 443                |
| Dominican Repub .....                | 242                | 260                | 176                |
| Brazil .....                         | 18                 | 12                 | 135                |
| Indonesia .....                      | 207                | 114                | 65                 |
| Others .....                         | 200                | 319                | 78                 |
| <b>Total .....</b>                   | <b>1,134</b>       | <b>1,346</b>       | <b>1,415</b>       |
| <b>Scrap:</b>                        |                    |                    |                    |
| Turkey .....                         | 5,997              | 3,437              | 6,686              |
| Canada .....                         | 915                | 941                | 1,977              |
| Dominican Repub .....                | 956                | 913                | 694                |
| Greece .....                         | 287                | 350                | 350                |
| Honduras .....                       | 445                | 478                | 319                |
| Mexico .....                         | 24                 | 274                | 254                |
| Others .....                         | 1,940              | 988                | 965                |
| <b>Total .....</b>                   | <b>10,564</b>      | <b>7,381</b>       | <b>11,245</b>      |
| <b>Stems:</b>                        |                    |                    |                    |
| Brazil .....                         | 15,381             | 16,277             | 28,188             |
| Malawi .....                         | 59                 | 2,586              | 5,075              |
| Argentina .....                      | 4,865              | 5,156              | 4,195              |
| Turkey .....                         | 1,998              | 1,285              | 2,200              |
| Zimbabwe .....                       | 277                | 1,284              | 1,048              |
| India .....                          | 140                | 390                | 905                |
| Others .....                         | 5,751              | 2,881              | 3,107              |
| <b>Total .....</b>                   | <b>28,471</b>      | <b>29,859</b>      | <b>44,718</b>      |
| <b>Grand total<sup>2</sup> .....</b> | <b>215,561</b>     | <b>232,971</b>     | <b>260,230</b>     |

<sup>1</sup> Preliminary. <sup>2</sup> Includes unstemmed and stemmed cigar filler.  
 FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-9496. Compiled from U.S. Bureau of the Census records.

**Table 2-54.—Tobacco, unmanufactured: International trade, 2000–2002<sup>1</sup>**

| Continent and country              | 2000               |                    | 2001               |                    | 2002               |                    |
|------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                    | Exports            | Imports            | Exports            | Imports            | Exports            | Imports            |
|                                    | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>North America:</b>              |                    |                    |                    |                    |                    |                    |
| Canada .....                       | 26,466             | 4,860              | 20,514             | 5,005              | 20,514             | 5,000              |
| Mexico .....                       | 8,451              | 9,728              | 7,202              | 14,627             | 7,000              | 15,000             |
| United States .....                | 179,894            | 196,601            | 186,302            | 254,259            | 153,427            | 263,810            |
| <b>Total North America .....</b>   | <b>214,811</b>     | <b>211,189</b>     | <b>214,018</b>     | <b>273,891</b>     | <b>180,941</b>     | <b>283,810</b>     |
| <b>Central America:</b>            |                    |                    |                    |                    |                    |                    |
| Belize .....                       | 0                  | 55                 | 0                  | 55                 | 0                  | 55                 |
| Costa Rica .....                   | 0                  | 100                | 0                  | 78                 | 0                  | 100                |
| El Salvador .....                  | 358                | 808                | 358                | 800                | 358                | 800                |
| Guatemala .....                    | 9,671              | 0                  | 10,105             | 0                  | 10,610             | 0                  |
| Honduras .....                     | 4,686              | 175                | 4,686              | 175                | 4,686              | 175                |
| Nicaragua .....                    | 160                | 400                | 160                | 400                | 160                | 400                |
| Panama .....                       | 1,300              | 153                | 1,500              | 154                | 1,500              | 154                |
| <b>Total Central America .....</b> | <b>16,175</b>      | <b>1,691</b>       | <b>16,809</b>      | <b>1,662</b>       | <b>17,314</b>      | <b>1,684</b>       |
| <b>Caribbean:</b>                  |                    |                    |                    |                    |                    |                    |
| Bahamas, The .....                 | 0                  | 48                 | 0                  | 48                 | 0                  | 48                 |
| Barbados .....                     | 0                  | 150                | 0                  | 150                | 0                  | 0                  |
| Cuba .....                         | 5,000              | 300                | 5,000              | 300                | 5,000              | 300                |
| Dominican Republic .....           | 14,000             | 270                | 5,500              | 470                | 4,300              | 540                |
| Grenada .....                      | 0                  | 20                 | 0                  | 20                 | 0                  | 0                  |
| Haiti .....                        | 0                  | 1,014              | 0                  | 915                | 0                  | 915                |
| Jamaica & Dep .....                | 200                | 450                | 200                | 450                | 200                | 450                |
| Netherlands Antilles .....         | 0                  | 4                  | 0                  | 4                  | 0                  | 4                  |
| St. Lucia .....                    | 20                 | 15                 | 20                 | 15                 | 20                 | 15                 |
| St. Vincent and Gren. ....         | 60                 | 6                  | 60                 | 6                  | 60                 | 6                  |
| Trinidad and Tobago .....          | 0                  | 800                | 0                  | 800                | 0                  | 800                |
| <b>Total Caribbean .....</b>       | <b>19,280</b>      | <b>3,077</b>       | <b>10,780</b>      | <b>3,178</b>       | <b>9,580</b>       | <b>3,078</b>       |

See footnotes at end of table.



Table 2-54.—Tobacco, unmanufactured: International trade, 2000–2002—Continued<sup>1</sup>

| Continent and country                  | 2000               |                    | 2001               |                    | 2002               |                    |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|  | Exports            | Imports            | Exports            | Imports            | Exports            | Imports            |
|  | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>South America:</b>                  |                    |                    |                    |                    |                    |                    |
| Argentina .....                        | 73,700             | 2,800              | 75,700             | 2,000              | 61,000             | 1,500              |
| Bolivia .....                          | 0                  | 292                | 0                  | 277                | 0                  | 270                |
| Brazil .....                           | 435,500            | 8,950              | 476,000            | 10,525             | 457,550            | 8,150              |
| Chile .....                            | 2,050              | 3,350              | 2,050              | 3,350              | 2,050              | 3,350              |
| Colombia .....                         | 14,000             | 475                | 14,000             | 475                | 14,000             | 475                |
| Ecuador .....                          | 250                | 800                | 250                | 800                | 250                | 800                |
| French Guiana .....                    | 0                  | 10                 | 0                  | 10                 | 0                  | 10                 |
| Guyana .....                           | 0                  | 160                | 0                  | 160                | 0                  | 160                |
| Paraguay .....                         | 3,487              | 721                | 7,050              | 721                | 7,050              | 721                |
| Peru .....                             | 6,136              | 889                | 6,150              | 670                | 6,150              | 670                |
| Suriname .....                         | 0                  | 550                | 0                  | 550                | 0                  | 550                |
| Uruguay .....                          | 228                | 2,700              | 228                | 2,700              | 228                | 2,700              |
| Venezuela .....                        | 0                  | 4,420              | 0                  | 4,420              | 0                  | 4,420              |
| <b>Total South America .....</b>       | <b>535,351</b>     | <b>26,117</b>      | <b>581,428</b>     | <b>26,658</b>      | <b>548,278</b>     | <b>23,776</b>      |
| <b>European Union:</b>                 |                    |                    |                    |                    |                    |                    |
| Austria .....                          | 50                 | 18,830             | 120                | 18,230             | 120                | 18,230             |
| Belgium-Luxembourg .....               | 38,452             | 68,361             | 48,384             | 77,993             | 48,384             | 77,993             |
| Denmark .....                          | 2,500              | 16,000             | 2,500              | 16,000             | 2,500              | 16,000             |
| Finland .....                          | 207                | 3,100              | 207                | 3,100              | 0                  | 0                  |
| France .....                           | 18,867             | 31,151             | 19,000             | 30,300             | 22,600             | 30,300             |
| Germany .....                          | 102,592            | 247,066            | 85,000             | 257,000            | 40,000             | 188,000            |
| Greece .....                           | 80,300             | 21,000             | 90,000             | 17,000             | 98,000             | 15,500             |
| Ireland .....                          | 0                  | 5,700              | 0                  | 5,700              | 0                  | 5,700              |
| Italy .....                            | 109,524            | 32,263             | 119,165            | 43,039             | 120,000            | 40,000             |
| Netherlands .....                      | 23,760             | 108,150            | 21,476             | 101,929            | 22,000             | 101,929            |
| Portugal .....                         | 6,819              | 18,961             | 6,343              | 19,112             | 6,000              | 19,112             |
| Spain .....                            | 35,911             | 47,250             | 30,176             | 36,964             | 27,000             | 35,000             |
| Sweden .....                           | 500                | 12,623             | 500                | 12,623             | 500                | 12,623             |
| United Kingdom .....                   | 10,510             | 102,666            | 10,500             | 119,000            | 10,500             | 119,000            |
| <b>Total European Union .....</b>      | <b>429,992</b>     | <b>733,121</b>     | <b>433,371</b>     | <b>757,990</b>     | <b>397,604</b>     | <b>679,987</b>     |
| <b>Western Europe:</b>                 |                    |                    |                    |                    |                    |                    |
| Iceland .....                          | 0                  | 10                 | 0                  | 10                 | 0                  | 10                 |
| Malta & Gozo .....                     | 150                | 1,000              | 150                | 1,000              | 150                | 1,000              |
| Norway .....                           | 900                | 8,000              | 900                | 8,000              | 900                | 8,000              |
| Switzerland .....                      | 9,000              | 41,070             | 9,000              | 41,070             | 9,000              | 41,070             |
| <b>Total Western Europe .....</b>      | <b>10,050</b>      | <b>50,080</b>      | <b>10,050</b>      | <b>50,080</b>      | <b>10,050</b>      | <b>50,080</b>      |
| <b>Eastern Europe:</b>                 |                    |                    |                    |                    |                    |                    |
| Albania .....                          | 1,000              | 32                 | 1,000              | 32                 | 1,000              | 32                 |
| Bulgaria .....                         | 16,857             | 7,874              | 20,500             | 6,700              | 20,500             | 6,700              |
| Croatia .....                          | 4,776              | 4,262              | 4,500              | 4,800              | 5,400              | 3,400              |
| Czech Republic .....                   | 250                | 18,270             | 250                | 18,270             | 250                | 18,270             |
| Hungary .....                          | 2,000              | 8,200              | 2,000              | 10,300             | 1,800              | 10,000             |
| Macedonia (Skopje) .....               | 23,000             | 0                  | 23,000             | 0                  | 23,000             | 0                  |
| Poland .....                           | 6,822              | 32,154             | 5,500              | 55,000             | 6,000              | 26,000             |
| Romania .....                          | 0                  | 13,000             | 0                  | 13,000             | 0                  | 13,000             |
| Slovakia .....                         | 700                | 2,100              | 700                | 2,100              | 700                | 2,100              |
| Yugoslavia .....                       | 500                | 4,500              | 500                | 4,500              | 500                | 4,500              |
| <b>Total Eastern Europe .....</b>      | <b>55,905</b>      | <b>90,392</b>      | <b>57,950</b>      | <b>114,702</b>     | <b>59,150</b>      | <b>84,002</b>      |
| <b>Former Soviet Union:</b>            |                    |                    |                    |                    |                    |                    |
| Azerbaijan; Republic of .....          | 8,000              | 350                | 8,300              | 600                | 8,300              | 600                |
| Belarus .....                          | 0                  | 8,500              | 0                  | 8,500              | 0                  | 8,500              |
| Estonia .....                          | 0                  | 1,800              | 0                  | 1,800              | 0                  | 1,800              |
| Georgia; Republic of .....             | 1,500              | 0                  | 1,500              | 0                  | 1,500              | 0                  |
| Kazakhstan; Republic of .....          | 0                  | 2,000              | 0                  | 2,000              | 0                  | 2,000              |
| Kyrgyzstan; Republic of .....          | 30,513             | 1,000              | 31,500             | 1,000              | 31,500             | 1,000              |
| Latvia .....                           | 0                  | 2,100              | 0                  | 2,100              | 0                  | 2,100              |
| Lithuania .....                        | 0                  | 4,100              | 0                  | 4,100              | 0                  | 4,100              |
| Moldova; Republic of .....             | 20,900             | 2,148              | 22,000             | 2,500              | 22,000             | 2,500              |
| Russian Federation .....               | 690                | 307,500            | 680                | 307,500            | 1,400              | 303,400            |
| Tajikistan; Republic of .....          | 2,000              | 0                  | 2,000              | 0                  | 2,000              | 0                  |
| Turkmenistan .....                     | 0                  | 2,180              | 0                  | 2,180              | 0                  | 2,180              |
| Ukraine .....                          | 0                  | 45,000             | 0                  | 45,000             | 0                  | 45,000             |
| Uzbekistan; Republic of .....          | 16,500             | 4,500              | 16,500             | 4,500              | 16,500             | 4,500              |
| <b>Total former Soviet Union .....</b> | <b>80,103</b>      | <b>381,178</b>     | <b>82,480</b>      | <b>381,780</b>     | <b>83,200</b>      | <b>377,680</b>     |
| <b>Middle East:</b>                    |                    |                    |                    |                    |                    |                    |
| Bahrain .....                          | 0                  | 175                | 0                  | 175                | 0                  | 175                |
| Cyprus .....                           | 100                | 1,400              | 100                | 1,400              | 100                | 1,400              |
| Israel .....                           | 0                  | 4,900              | 0                  | 4,900              | 0                  | 4,900              |
| Jordan .....                           | 400                | 2,802              | 400                | 2,802              | 400                | 2,802              |
| Kuwait .....                           | 15                 | 65                 | 15                 | 65                 | 0                  | 0                  |
| Lebanon .....                          | 2,000              | 94                 | 2,000              | 8                  | 2,000              | 8                  |
| Oman .....                             | 700                | 100                | 700                | 100                | 700                | 100                |
| Saudi Arabia .....                     | 30                 | 1,600              | 30                 | 1,600              | 30                 | 1,600              |
| Syria .....                            | 5,000              | 0                  | 5,000              | 0                  | 5,000              | 0                  |
| Turkey .....                           | 100,900            | 58,410             | 96,450             | 52,730             | 90,750             | 55,750             |
| United Arab Emirates .....             | 0                  | 3,333              | 0                  | 704                | 0                  | 704                |
| Yemen .....                            | 2,000              | 6,000              | 2,000              | 6,000              | 2,000              | 6,000              |
| <b>Total Middle East .....</b>         | <b>111,145</b>     | <b>78,879</b>      | <b>106,695</b>     | <b>70,484</b>      | <b>100,980</b>     | <b>73,439</b>      |

See footnotes at end of table.

**Table 2-54.—Tobacco, unmanufactured: International trade, 2000–2002—Continued <sup>1</sup>**

| Continent and country           | 2000               |                    | 2001               |                    | 2002               |                    |
|---------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                 | Exports            | Imports            | Exports            | Imports            | Exports            | Imports            |
|                                 | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>North Africa:</b>            |                    |                    |                    |                    |                    |                    |
| Algeria .....                   | 0                  | 18,000             | 0                  | 18,000             | 0                  | 18,000             |
| Egypt .....                     | 0                  | 57,000             | 0                  | 57,500             | 0                  | 57,500             |
| Libya .....                     | 0                  | 2,000              | 0                  | 2,000              | 0                  | 2,000              |
| Morocco .....                   | 0                  | 8,000              | 0                  | 8,000              | 0                  | 8,000              |
| Sudan .....                     | 0                  | 500                | 0                  | 500                | 0                  | 500                |
| Tunisia .....                   | 500                | 5,500              | 500                | 5,500              | 500                | 5,500              |
| <b>Total North Africa .....</b> | <b>500</b>         | <b>91,000</b>      | <b>500</b>         | <b>91,500</b>      | <b>500</b>         | <b>91,500</b>      |
| <b>Other Africa:</b>            |                    |                    |                    |                    |                    |                    |
| Angola .....                    | 0                  | 1,500              | 0                  | 1,500              | 0                  | 1,500              |
| Benin .....                     | 0                  | 475                | 0                  | 475                | 0                  | 475                |
| Botswana .....                  | 0                  | 200                | 0                  | 200                | 0                  | 200                |
| Burkina .....                   | 0                  | 1,100              | 0                  | 1,100              | 0                  | 1,100              |
| Cameroon .....                  | 1,500              | 2,400              | 1,500              | 2,400              | 1,500              | 2,400              |
| Cape Verde .....                | 0                  | 82                 | 0                  | 82                 | 0                  | 82                 |
| Central African Republ .....    | 370                | 350                | 370                | 350                | 370                | 350                |
| Comoros .....                   | 0                  | 4                  | 0                  | 4                  | 0                  | 4                  |
| Congo (Brazzaville) .....       | 0                  | 1,200              | 0                  | 1,200              | 0                  | 1,200              |
| Cote d'Ivoire .....             | 0                  | 3,050              | 0                  | 3,000              | 0                  | 3,000              |
| Djibouti Afars-Issas .....      | 0                  | 80                 | 0                  | 80                 | 0                  | 80                 |
| Ethiopia .....                  | 0                  | 400                | 0                  | 400                | 0                  | 400                |
| Gabon .....                     | 0                  | 200                | 0                  | 200                | 0                  | 200                |
| Gambia, The .....               | 0                  | 370                | 0                  | 370                | 0                  | 370                |
| Ghana .....                     | 0                  | 281                | 0                  | 281                | 0                  | 281                |
| Guinea .....                    | 0                  | 100                | 0                  | 100                | 0                  | 100                |
| Guinea-Bissau .....             | 0                  | 100                | 0                  | 100                | 0                  | 100                |
| Kenya .....                     | 11,100             | 100                | 11,100             | 100                | 11,100             | 100                |
| Liberia .....                   | 0                  | 315                | 0                  | 315                | 0                  | 315                |
| Madagascar .....                | 500                | 1,000              | 500                | 1,000              | 500                | 1,000              |
| Malawi .....                    | 101,250            | 12,000             | 101,250            | 12,000             | 101,250            | 12,000             |
| Mali .....                      | 0                  | 200                | 0                  | 200                | 0                  | 200                |
| Mauritania .....                | 0                  | 800                | 0                  | 800                | 0                  | 800                |
| Mauritius .....                 | 0                  | 70                 | 0                  | 70                 | 0                  | 70                 |
| Mozambique .....                | 0                  | 100                | 0                  | 100                | 0                  | 100                |
| Niger .....                     | 0                  | 100                | 0                  | 100                | 0                  | 100                |
| Nigeria .....                   | 23                 | 2,300              | 23                 | 2,300              | 23                 | 2,300              |
| Reunion .....                   | 160                | 200                | 160                | 200                | 160                | 200                |
| Rwanda .....                    | 0                  | 600                | 0                  | 600                | 0                  | 600                |
| Senegal .....                   | 0                  | 4,200              | 0                  | 4,200              | 0                  | 4,200              |
| Seychelles .....                | 0                  | 85                 | 0                  | 85                 | 0                  | 85                 |
| Sierra Leone .....              | 100                | 525                | 100                | 525                | 100                | 525                |
| South Africa, Republic .....    | 16,465             | 14,346             | 18,450             | 18,830             | 15,000             | 15,800             |
| Tanzania, United Republic ..... | 14,000             | 0                  | 14,000             | 0                  | 14,000             | 0                  |
| Togo .....                      | 0                  | 50                 | 0                  | 50                 | 0                  | 50                 |
| Uganda .....                    | 5,000              | 0                  | 5,000              | 0                  | 5,000              | 0                  |
| Zaire .....                     | 0                  | 1,000              | 0                  | 1,000              | 0                  | 1,000              |
| Zambia .....                    | 2,000              | 20                 | 2,000              | 20                 | 2,000              | 20                 |
| Zimbabwe .....                  | 135,017            | 30                 | 141,570            | 25                 | 90,000             | 25                 |
| <b>Total Other Africa .....</b> | <b>334,540</b>     | <b>49,933</b>      | <b>339,453</b>     | <b>54,362</b>      | <b>336,003</b>     | <b>51,332</b>      |
| <b>Asia:</b>                    |                    |                    |                    |                    |                    |                    |
| Afghanistan .....               | 0                  | 6                  | 0                  | 6                  | 0                  | 6                  |
| Bangladesh .....                | 2,500              | 1,107              | 2,500              | 1,037              | 2,500              | 240                |
| Cambodia .....                  | 0                  | 192                | 0                  | 0                  | 0                  | 0                  |
| China, Peoples Rep .....        | 139,918            | 56,686             | 140,809            | 388,052            | 119,688            | 463,434            |
| Hong Kong .....                 | 4,532              | 17,648             | 4,532              | 16,730             | 4,532              | 16,730             |
| India .....                     | 85,500             | 1,230              | 120,000            | 1,130              | 125,000            | 1,200              |
| Indonesia .....                 | 20,882             | 44,347             | 22,000             | 31,400             | 25,000             | 32,000             |
| Japan .....                     | 784                | 92,425             | 800                | 91,000             | 800                | 91,000             |
| Korea, North .....              | 1,000              | 0                  | 1,000              | 0                  | 1,000              | 0                  |
| Korea, South .....              | 3,254              | 13,813             | 3,000              | 14,300             | 3,000              | 14,300             |
| Macau .....                     | 0                  | 60                 | 0                  | 60                 | 0                  | 60                 |
| Malaysia .....                  | 355                | 19,505             | 433                | 28,550             | 550                | 21,600             |
| Nepal .....                     | 0                  | 8,000              | 0                  | 8,000              | 0                  | 8,000              |
| Pakistan .....                  | 5,200              | 565                | 3,632              | 162                | 3,500              | 250                |
| Philippines .....               | 8,623              | 17,583             | 13,400             | 34,150             | 13,900             | 37,000             |
| Singapore .....                 | 6,200              | 17,700             | 6,200              | 17,700             | 6,200              | 17,700             |
| Sri Lanka .....                 | 300                | 213                | 500                | 1,038              | 500                | 1,038              |
| Taiwan .....                    | 0                  | 6,842              | 0                  | 6,842              | 0                  | 8,000              |
| Thailand .....                  | 26,254             | 5,600              | 25,910             | 5,243              | 26,580             | 5,000              |
| <b>Total Asia .....</b>         | <b>305,302</b>     | <b>303,522</b>     | <b>344,716</b>     | <b>645,400</b>     | <b>332,750</b>     | <b>717,558</b>     |
| <b>Oceania:</b>                 |                    |                    |                    |                    |                    |                    |
| Australia .....                 | 595                | 13,426             | 1,012              | 14,208             | 1,012              | 14,208             |
| Fiji .....                      | 0                  | 180                | 0                  | 180                | 0                  | 0                  |
| New Zealand .....               | 24                 | 3,342              | 28                 | 2,605              | 28                 | 2,605              |
| Papua New Guinea .....          | 0                  | 1,000              | 0                  | 1,000              | 0                  | 1,000              |
| Solomon Islands .....           | 0                  | 150                | 0                  | 150                | 0                  | 150                |
| <b>Total Oceania .....</b>      | <b>619</b>         | <b>18,098</b>      | <b>1,040</b>       | <b>18,143</b>      | <b>1,040</b>       | <b>17,963</b>      |
| <b>World Total .....</b>        | <b>2,120,181</b>   | <b>2,095,935</b>   | <b>2,166,304</b>   | <b>2,499,378</b>   | <b>2,083,963</b>   | <b>2,456,479</b>   |

<sup>1</sup> Imports are general imports (actual arrivals).

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-9496. Derived from official statistics of Foreign Governments, or other foreign sources.

**Table 2-55.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 2000–2002**

| Type and country of destination | 2000               | 2001               | 2002 <sup>1</sup>  |
|---------------------------------|--------------------|--------------------|--------------------|
|                                 | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Total Leaf: <sup>2</sup></b> |                    |                    |                    |
| Germany .....                   | 39,039             | 43,018             | 27,003             |
| Japan .....                     | 28,868             | 23,419             | 22,494             |
| Belgium .....                   | 10,538             | 22,527             | 13,341             |
| Switzerland .....               | 4,293              | 6,521              | 12,393             |
| Malaysia .....                  | 6,473              | 8,357              | 6,860              |
| Denmark .....                   | 6,922              | 5,537              | 6,184              |
| Thailand .....                  | 3,333              | 3,513              | 5,730              |
| Netherlands .....               | 8,926              | 9,782              | 4,679              |
| France .....                    | 2,477              | 5,210              | 4,659              |
| Korea, Republic of .....        | 5,423              | 4,359              | 4,580              |
| Dominican Republic .....        | 5,398              | 2,669              | 4,168              |
| Italy .....                     | 7,181              | 2,822              | 3,912              |
| Taiwan .....                    | 2,646              | 3,582              | 3,677              |
| Russian Federation .....        | 9,252              | 12,358             | 3,423              |
| Philippines .....               | 3,367              | 2,313              | 3,145              |
| Spain .....                     | 4,291              | 3,578              | 2,862              |
| United Kingdom .....            | 3,333              | 704                | 2,706              |
| Portugal .....                  | 1,885              | 1,939              | 2,653              |
| Indonesia .....                 | 1,483              | 1,652              | 2,281              |
| Australia .....                 | 1,644              | 1,548              | 2,033              |
| Nigeria .....                   | 2,802              | 2,550              | 1,668              |
| Israel .....                    | 476                | 447                | 934                |
| Norway .....                    | 900                | 1,513              | 923                |
| Brazil .....                    | 712                | 15                 | 859                |
| Egypt .....                     | 547                | 417                | 807                |
| Canada .....                    | 214                | 833                | 800                |
| Sri Lanka .....                 | 213                | 1,038              | 770                |
| Honduras .....                  | 980                | 505                | 716                |
| Mexico .....                    | 35                 | 0                  | 627                |
| Lebanon .....                   | 94                 | 250                | 599                |
| Greece .....                    | 215                | 216                | 554                |
| Sweden .....                    | 1,564              | 1,636              | 542                |
| Hong Kong .....                 | 10                 | 14                 | 455                |
| Ireland .....                   | 9                  | 0                  | 442                |
| Bulgaria .....                  | 0                  | 76                 | 339                |
| Ukraine .....                   | 0                  | 0                  | 298                |
| Peru .....                      | 212                | 126                | 250                |
| Serbia/Montenegro .....         | 0                  | 0                  | 250                |
| Brunei .....                    | 0                  | 0                  | 237                |
| Austria .....                   | 613                | 408                | 218                |
| New Zealand .....               | 332                | 50                 | 205                |
| Bangladesh .....                | 307                | 237                | 198                |
| Others .....                    | 12,885             | 10,565             | 1,952              |
| <b>Total .....</b>              | <b>179,894</b>     | <b>186,302</b>     | <b>153,427</b>     |
| <b>Flue-cured:</b>              |                    |                    |                    |
| Germany .....                   | 18,096             | 23,175             | 13,550             |
| Japan .....                     | 18,916             | 16,028             | 12,650             |
| Switzerland .....               | 2,918              | 4,599              | 7,391              |
| Belgium .....                   | 6,835              | 9,568              | 6,886              |
| Malaysia .....                  | 3,587              | 4,576              | 4,018              |
| Korea, Republic of .....        | 5,130              | 3,461              | 3,912              |
| Denmark .....                   | 3,362              | 2,654              | 3,084              |
| Taiwan .....                    | 1,571              | 2,367              | 2,174              |
| Italy .....                     | 3,875              | 1,270              | 2,010              |
| Philippines .....               | 646                | 615                | 1,840              |
| United Kingdom .....            | 2,593              | 676                | 1,809              |
| Australia .....                 | 1,292              | 836                | 1,773              |
| France .....                    | 113                | 948                | 1,490              |
| Portugal .....                  | 759                | 1,363              | 1,165              |
| Thailand .....                  | 1,627              | 1,818              | 1,071              |
| Indonesia .....                 | 1,040              | 1,412              | 844                |
| Russian Federation .....        | 145                | 146                | 779                |
| Spain .....                     | 0                  | 1,480              | 743                |
| Norway .....                    | 403                | 1,191              | 731                |
| Netherlands .....               | 3,017              | 5,032              | 655                |
| Mexico .....                    | 0                  | 0                  | 580                |
| Hong Kong .....                 | 0                  | 0                  | 346                |
| Bulgaria .....                  | 0                  | 76                 | 331                |
| Ukraine .....                   | 0                  | 0                  | 298                |
| Greece .....                    | 194                | 216                | 295                |
| Israel .....                    | 83                 | 86                 | 265                |
| Serbia/Montenegro .....         | 0                  | 0                  | 250                |
| Lebanon .....                   | 59                 | 0                  | 247                |
| Brunei .....                    | 0                  | 0                  | 237                |
| New Zealand .....               | 292                | 46                 | 205                |
| Canada .....                    | 33                 | 730                | 180                |
| Bangladesh .....                | 276                | 218                | 158                |
| Others .....                    | 8,118              | 4,654              | 871                |
| <b>Total .....</b>              | <b>84,980</b>      | <b>89,241</b>      | <b>72,838</b>      |

See footnotes at end of table.

**Table 2-55.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 2000–2002—Continued**

| Type and country of destination           | 2000               | 2001               | 2002 <sup>1</sup>  |
|---|--------------------|--------------------|--------------------|
|   | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Burley:</b>                            |                    |                    |                    |
| Germany .....                             | 9,701              | 9,840              | 9,212              |
| Belgium .....                             | 2,122              | 8,180              | 5,623              |
| Japan .....                               | 6,267              | 4,948              | 5,571              |
| Switzerland .....                         | 625                | 415                | 2,948              |
| Malaysia .....                            | 2,345              | 3,286              | 2,676              |
| Thailand .....                            | 1,636              | 1,619              | 2,181              |
| Netherlands .....                         | 2,142              | 1,635              | 1,973              |
| Denmark .....                             | 1,808              | 1,381              | 1,466              |
| Philippines .....                         | 2,651              | 1,672              | 1,301              |
| Taiwan .....                              | 6                  | 708                | 1,278              |
| France .....                              | 484                | 1,020              | 1,110              |
| Italy .....                               | 1,107              | 737                | 1,067              |
| Portugal .....                            | 691                | 432                | 837                |
| Indonesia .....                           | 106                | 68                 | 397                |
| Lebanon .....                             | 35                 | 0                  | 349                |
| Brazil .....                              | 0                  | 0                  | 321                |
| Australia .....                           | 0                  | 26                 | 190                |
| Sweden .....                              | 231                | 242                | 169                |
| Israel .....                              | 33                 | 76                 | 126                |
| United Kingdom .....                      | 94                 | 6                  | 68                 |
| Canada .....                              | 0                  | 14                 | 66                 |
| Norway .....                              | 47                 | 13                 | 53                 |
| Hungary .....                             | 176                | 73                 | 46                 |
| India .....                               | 3                  | 0                  | 28                 |
| China; Peoples Rep .....                  | 100                | 19                 | 19                 |
| Finland .....                             | 9                  | 9                  | 9                  |
| Greece .....                              | 19                 | 0                  | 0                  |
| Ireland .....                             | 0                  | 0                  | 0                  |
| Jamaica .....                             | 1                  | 0                  | 0                  |
| Korea; Republic of .....                  | 6                  | 8                  | 0                  |
| Malawi .....                              | 18                 | 0                  | 0                  |
| Morocco .....                             | 2                  | 0                  | 0                  |
| Others .....                              | 4,183              | 4,827              | 0                  |
| <b>Total .....</b>                        | <b>36,649</b>      | <b>41,253</b>      | <b>39,084</b>      |
| <b>Dark-fired Kentucky and Tennessee:</b> |                    |                    |                    |
| Netherlands .....                         | 2,640              | 1,984              | 1,629              |
| Sri Lanka .....                           | 213                | 915                | 770                |
| Indonesia .....                           | 203                | 100                | 671                |
| Korea; Republic of .....                  | 287                | 326                | 477                |
| Italy .....                               | 293                | 405                | 407                |
| France .....                              | 883                | 936                | 358                |
| Egypt .....                               | 489                | 372                | 267                |
| Switzerland .....                         | 439                | 156                | 208                |
| Sweden .....                              | 539                | 318                | 154                |
| Belgium .....                             | 82                 | 145                | 56                 |
| Turkey .....                              | 0                  | 378                | 48                 |
| Australia .....                           | 0                  | 42                 | 43                 |
| Germany .....                             | 32                 | 0                  | 31                 |
| Denmark .....                             | 63                 | 0                  | 26                 |
| China; Peoples Rep .....                  | 0                  | 0                  | 22                 |
| Canada .....                              | 0                  | 0                  | 19                 |
| Norway .....                              | 72                 | 152                | 9                  |
| Japan .....                               | 169                | 392                | 6                  |
| United Kingdom .....                      | 7                  | 1                  | 5                  |
| Austria .....                             | 24                 | 16                 | 0                  |
| Others .....                              | 1,031              | 1,315              | 2                  |
| <b>Total .....</b>                        | <b>7,466</b>       | <b>7,953</b>       | <b>5,204</b>       |
| <b>VA Fire and Sun-Cured:</b>             |                    |                    |                    |
| Haiti .....                               | 0                  | 0                  | 15                 |
| Russian Federation .....                  | 0                  | 0                  | 6                  |
| Cayman Islands .....                      | 0                  | 1                  | 0                  |
| Dominican Republic .....                  | 8                  | 0                  | 0                  |
| Germany .....                             | 2                  | 0                  | 0                  |
| Others .....                              | 237                | 84                 | 0                  |
| <b>Total .....</b>                        | <b>247</b>         | <b>85</b>          | <b>21</b>          |
| <b>Maryland:</b>                          |                    |                    |                    |
| Germany .....                             | 471                | 385                | 734                |
| Israel .....                              | 146                | 141                | 156                |
| Indonesia .....                           | 134                | 0                  | 106                |
| Switzerland .....                         | 191                | 268                | 45                 |
| Greece .....                              | 0                  | 0                  | 32                 |
| Bulgaria .....                            | 0                  | 0                  | 9                  |
| Netherlands .....                         | 209                | 0                  | 4                  |
| Singapore .....                           | 0                  | 0                  | 1                  |
| Others .....                              | 283                | 418                | 0                  |
| <b>Total .....</b>                        | <b>1,434</b>       | <b>1,211</b>       | <b>1,086</b>       |

See footnotes at end of table.

**Table 2-55.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 2000–2002—Continued**

| Type and country of destination       | 2000               | 2001               | 2002 <sup>1</sup>  |
|---------------------------------------|--------------------|--------------------|--------------------|
|                                       | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Blackfat:</b>                      |                    |                    |                    |
| Spain .....                           | 13                 | 0                  | 0                  |
| Others .....                          | 0                  | 0                  | 0                  |
| <b>Total .....</b>                    | <b>13</b>          | <b>0</b>           | <b>0</b>           |
| <b>Cigar Wrapper:</b>                 |                    |                    |                    |
| Dominican Republic .....              | 1,739              | 1,426              | 907                |
| Nicaragua .....                       | 8                  | 17                 | 47                 |
| Taiwan .....                          | 0                  | 0                  | 35                 |
| Chile .....                           | 6                  | 1                  | 20                 |
| Honduras .....                        | 8                  | 14                 | 3                  |
| Mexico .....                          | 14                 | 0                  | 2                  |
| France .....                          | 0                  | 0                  | 1                  |
| Malaysia .....                        | 0                  | 0                  | 1                  |
| Australia .....                       | 0                  | 0                  | 0                  |
| Belgium .....                         | 12                 | 3                  | 0                  |
| China, Peoples Rep .....              | 0                  | 0                  | 0                  |
| Germany .....                         | 36                 | 4                  | 0                  |
| Guatemala .....                       | 0                  | 3                  | 0                  |
| Other .....                           | 37                 | 31                 | 0                  |
| <b>Total .....</b>                    | <b>1,823</b>       | <b>1,465</b>       | <b>1,016</b>       |
| <b>Stems Refuse:</b>                  |                    |                    |                    |
| Japan .....                           | 3,475              | 1,502              | 3,679              |
| Germany .....                         | 7,629              | 5,215              | 3,154              |
| Thailand .....                        | 0                  | 0                  | 2,478              |
| France .....                          | 984                | 2,301              | 1,700              |
| Switzerland .....                     | 104                | 829                | 1,657              |
| Russian Federation .....              | 7,156              | 6,468              | 1,551              |
| Denmark .....                         | 1,676              | 1,385              | 1,502              |
| United Kingdom .....                  | 622                | 14                 | 772                |
| Portugal .....                        | 434                | 144                | 647                |
| Belgium .....                         | 1,375              | 4,331              | 629                |
| Italy .....                           | 1,436              | 0                  | 393                |
| Israel .....                          | 214                | 138                | 386                |
| Spain .....                           | 6                  | 242                | 344                |
| Netherlands .....                     | 753                | 1,102              | 310                |
| Peru .....                            | 211                | 125                | 250                |
| Taiwan .....                          | 686                | 441                | 185                |
| Cote d'Ivoire .....                   | 0                  | 0                  | 182                |
| Trinidad and Tobago .....             | 0                  | 111                | 140                |
| Norway .....                          | 164                | 145                | 127                |
| Senegal .....                         | 0                  | 0                  | 96                 |
| Malaysia .....                        | 215                | 259                | 75                 |
| Indonesia .....                       | 0                  | 0                  | 47                 |
| Others .....                          | 4,064              | 2,233              | 188                |
| <b>Total .....</b>                    | <b>31,204</b>      | <b>26,985</b>      | <b>20,492</b>      |
| <b>Other unmanufactured, Tobacco:</b> |                    |                    |                    |
| Spain .....                           | 5,444              | 6,273              | 3,323              |
| Germany .....                         | 32                 | 273                | 3,071              |
| Nigeria .....                         | 761                | 881                | 2,389              |
| Russian Federation .....              | 227                | 1,001              | 1,932              |
| Dominican Republic .....              | 1,836              | 1,459              | 1,742              |
| South Africa, Repub. ....             | 931                | 911                | 871                |
| Honduras .....                        | 961                | 408                | 624                |
| Malaysia .....                        | 268                | 146                | 325                |
| Italy .....                           | 189                | 287                | 271                |
| Sweden .....                          | 0                  | 0                  | 203                |
| Canada .....                          | 311                | 88                 | 182                |
| Netherlands .....                     | 554                | 141                | 154                |
| Turkey .....                          | 146                | 162                | 130                |
| Belgium .....                         | 20                 | 486                | 78                 |
| Dominica .....                        | 0                  | 0                  | 76                 |
| Brazil .....                          | 1                  | 1                  | 76                 |
| Philippines .....                     | 0                  | 0                  | 69                 |
| Egypt .....                           | 0                  | 58                 | 58                 |
| Jamaica .....                         | 158                | 86                 | 49                 |
| Taiwan .....                          | 540                | 249                | 46                 |
| Others .....                          | 981                | 494                | 361                |
| <b>Total .....</b>                    | <b>13,360</b>      | <b>13,404</b>      | <b>16,030</b>      |

<sup>1</sup> Preliminary.  
 FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-9493. Compiled from U.S. Bureau of the Census records.

## CHAPTER III

### STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

**Table 3-1.—Cottonseed: All cotton harvested area and cottonseed production, farm disposition, marketing year average price per ton received by farmers, and value, United States, 1994–2003**

| Year                    | Harvested area<br>of all cotton | Cottonseed        |                    |                    |  |                                     |
|-------------------------|---------------------------------|-------------------|--------------------|--------------------|--|-------------------------------------|
|                         |                                 | Production        | Farm disposition   |                    | Marketing year<br>average price <sup>2</sup> | Value of<br>production <sup>2</sup> |
|                         |                                 |                   | Sales to oil mills | Other <sup>1</sup> |  |                                     |
|                         | <i>1,000 acres</i>              | <i>1,000 tons</i> | <i>1,000 tons</i>  | <i>1,000 tons</i>  | <i>Dollars/tons</i>                          | <i>1,000 dollars</i>                |
| 1994 .....              | 13,322.3                        | 7,603.9           | 5,012.2            | 2,591.7            | 101.00                                       | 771,315                             |
| 1995 .....              | 16,006.7                        | 6,848.7           | 4,439.1            | 2,409.6            | 106.00                                       | 731,005                             |
| 1996 .....              | 12,888.1                        | 7,143.5           | 4,363.2            | 2,780.3            | 126.00                                       | 914,564                             |
| 1997 .....              | 13,406.0                        | 6,934.6           | 4,182.4            | 2,752.2            | 121.00                                       | 835,371                             |
| 1998 .....              | 10,683.6                        | 5,365.4           | 3,261.1            | 2,104.3            | 129.00                                       | 687,179                             |
| 1999 .....              | 13,424.9                        | 6,353.5           | 3,340.2            | 3,013.3            | 89.00  | 559,157                             |
| 2000 .....              | 13,053.0                        | 6,435.6           | 3,452.2            | 2,983.4            | 105.00                                       | 667,800                             |
| 2001 .....              | 13,827.7                        | 7,452.2           | 3,860.9            | 3,591.3            | 90.50  | 667,348                             |
| 2002 .....              | 12,416.6                        | 6,183.9           | 3,287.9            | 2,896.0            | 101.00                                       | 616,352                             |
| 2003 <sup>3</sup> ..... | 12,058.0                        | 6,694.0           | NA                 | NA                 | 117.00                                       | 784,166                             |

<sup>1</sup> Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses. <sup>2</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>3</sup> Preliminary. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 3-2.—Cottonseed: Production and farm disposition, by State and United States, 2001–2003**

| State    | Production        |                   |                   | Farm disposition <sup>1</sup> |                   |                    |                   | Used for planting <sup>3</sup> |                   |
|----------|-------------------|-------------------|-------------------|-------------------------------|-------------------|--------------------|-------------------|--------------------------------|-------------------|
|          | 2001              | 2002              | 2003 <sup>2</sup> | Sales to oil mills            |                   | Other <sup>4</sup> |                   | 2001                           | 2002 <sup>2</sup> |
|          |                   |                   |                   | 2001                          | 2002              | 2001               | 2002 <sup>2</sup> |                                |                   |
|          | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i>             | <i>1,000 tons</i> | <i>1,000 tons</i>  | <i>1,000 tons</i> | <i>1,000 tons</i>              |                   |
| AL ..... | 315.0             | 195.0             | 282.0             | 44.0                          | 48.0              | 271.0              | 147.0             | 6.8                            | 6.7               |
| AZ ..... | 261.0             | 232.4             | 209.0             | 3.0                           | 5.6               | 258.0              | 226.8             | 2.0                            | 1.9               |
| AR ..... | 708.0             | 627.0             | 690.0             | 568.0                         | 491.0             | 140.0              | 136.0             | 9.1                            | 9.8               |
| CA ..... | 849.0             | 731.0             | 662.0             | 20.0                          | 81.0              | 829.0              | 650.0             | 5.9                            | 6.0               |
| FL ..... | 53.0              | 29.0              | 44.0              | 38.0                          | 18.0              | 15.0               | 11.0              | 1.3                            | 1.1               |
| GA ..... | 764.0             | 544.0             | 719.0             | 434.0                         | 309.0             | 330.0              | 235.0             | 18.0                           | 17.0              |
| KS ..... | 11.4              | 28.0              | 39.0              | 7.3                           | 13.0              | 4.1                | 15.0              | 0.8                            | 1.1               |
| LA ..... | 380.0             | 271.0             | 372.0             | 170.0                         | 131.0             | 210.0              | 140.0             | 4.7                            | 4.8               |
| MS ..... | 877.0             | 697.0             | 778.0             | 820.0                         | 548.0             | 57.0               | 149.0             | 11.7                           | 12.5              |
| MO ..... | 268.0             | 218.0             | 263.0             | 183.0                         | 139.0             | 85.0               | 79.0              | 4.0                            | 4.3               |
| NM ..... | 47.8              | 35.5              | 31.0              | 15.6                          | 15.3              | 32.2               | 20.2              | 0.7                            | 0.7               |
| NC ..... | 559.0             | 272.0             | 377.0             | 79.0                          | 44.0              | 480.0              | 228.0             | 8.5                            | 8.1               |
| OK ..... | 80.0              | 81.0              | 83.0              | 66.0                          | 72.0              | 14.0               | 9.0               | 2.2                            | 2.2               |
| SC ..... | 137.0             | 44.0              | 111.0             | 89.0                          | 20.0              | 48.0               | 24.0              | 2.0                            | 1.8               |
| TN ..... | 351.0             | 291.0             | 327.0             | 296.0                         | 244.0             | 55.0               | 47.0              | 4.0                            | 4.2               |
| TX ..... | 1,724.0           | 1,855.0           | 1,666.0           | 1,028.0                       | 1,109.0           | 696.0              | 746.0             | 56.2                           | 58.2              |
| VA ..... | 67.0              | 33.0              | 41.0              | 0.0                           | 0.0               | 67.0               | 33.0              | 0.9                            | 0.9               |
| US ..    | 7,452.2           | 6,183.9           | 6,694.0           | 3,860.9                       | 3,287.9           | 3,591.3            | 2,896.0           | 138.8                          | 141.3             |

<sup>1</sup> 2003 farm disposition not available. <sup>2</sup> Preliminary. <sup>3</sup> Included in 'other' farm disposition. Seed for planting is produced in crop year shown, but used in the following year. <sup>4</sup> Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses.

NASS, Crops Branch, (202) 720-2127.

**Table 3-3.—Cottonseed: Marketing year average price per ton and value of production, by State and United States, crop of 2001–2003<sup>1</sup>**

| State    | Marketing year average price per ton |                |                   | Value of production  |                      |                      |
|----------|--------------------------------------|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001                                 | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Dollars</i>                       | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL ..... | 76.00                                | 85.50          | 98.50             | 23,940               | 16,673               | 27,777               |
| AZ ..... | 127.00                               | 137.00         | 149.00            | 33,147               | 31,839               | 31,141               |
| AR ..... | 79.00                                | 93.00          | 110.00            | 55,932               | 58,311               | 75,900               |
| CA ..... | 142.00                               | 138.00         | 156.00            | 120,558              | 100,878              | 103,272              |
| FL ..... | 71.50                                | 81.50          | 99.00             | 3,790                | 2,364                | 4,356                |
| GA ..... | 66.50                                | 78.00          | 95.50             | 50,806               | 42,432               | 68,665               |
| KS ..... | 69.50                                | 92.50          | 117.00            | 792                  | 2,590                | 4,563                |
| LA ..... | 76.50                                | 87.50          | 100.00            | 29,070               | 23,713               | 37,200               |
| MS ..... | 76.50                                | 79.00          | 100.00            | 67,091               | 55,063               | 77,800               |
| MO ..... | 85.00                                | 95.00          | 125.00            | 22,780               | 20,710               | 32,875               |
| NM ..... | 112.00                               | 106.00         | 145.00            | 5,354                | 3,763                | 4,495                |
| NC ..... | 79.50                                | 94.50          | 108.00            | 44,441               | 25,704               | 40,716               |
| OK ..... | 69.50                                | 84.50          | 110.00            | 5,560                | 6,845                | 9,130                |
| SC ..... | 69.50                                | 79.00          | 101.00            | 9,522                | 3,476                | 11,211               |
| TN ..... | 85.00                                | 95.50          | 130.00            | 29,835               | 27,791               | 42,510               |
| TX ..... | 92.50                                | 103.00         | 125.00            | 159,470              | 191,065              | 208,250              |
| VA ..... | 78.50                                | 95.00          | 105.00            | 5,260                | 3,135                | 4,305                |
| US ..... | 90.50                                | 101.00         | 117.00            | 667,348              | 616,352              | 784,166              |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 3-4.—Cottonseed: Crushings, output of products and product prices, United States, 1993–2002**

| Year beginning August | Quantity crushed  | Cottonseed products and prices |                        |                   |                        |
|-----------------------|-------------------|--------------------------------|------------------------|-------------------|------------------------|
|                       |                   | Oil                            |                        | Cake and meal     |                        |
|                       |                   | Quantity                       | Price <sup>1</sup>     | Quantity          | Price <sup>2</sup>     |
|                       | <i>1,000 tons</i> | <i>Million pounds</i>          | <i>Cents per pound</i> | <i>1,000 tibs</i> | <i>Dollars per ton</i> |
| 1993 .....            | 3,470             | 1,119                          | 30.3                   | 1,563             | 164.30                 |
| 1994 .....            | 3,947             | 1,312                          | 29.2                   | 1,830             | 112.02                 |
| 1995 .....            | 3,882             | 1,229                          | 26.5                   | 1,748             | 190.74                 |
| 1996 .....            | 3,860             | 1,216                          | 25.6                   | 1,752             | 192.00                 |
| 1997 .....            | 3,889             | 1,224                          | 28.8                   | 1,769             | 145.00                 |
| 1998 .....            | 2,719             | 832                            | 27.3                   | 1,232             | 110.00                 |
| 1999 .....            | 3,064             | 939                            | 21.6                   | 1,390             | 127.33                 |
| 2000 .....            | 2,753             | 847                            | 16.0                   | 1,338             | 143.35                 |
| 2001 .....            | 2,791             | 876                            | 18.0                   | 1,294             | 136.16                 |
| 2002 .....            | 2,495             | 724                            | 37.8                   | 1,114             | 146.12                 |

<sup>1</sup> Tanks, f.o.b. Valley Points. <sup>2</sup> 41 percent protein, solvent, Memphis.

ERS, Field Crops Branch, (202) 694-5300. Compiled from annual reports of the U.S. Department of Commerce.

**Table 3-5.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination 2000/2001–2002/2003 (Marketing year October–September)**

| Continent and country of destination               | Cottonseed oil <sup>1</sup> |                        |                            | Cottonseed cake and meal |                        |                            |
|--|-----------------------------|------------------------|----------------------------|--------------------------|------------------------|----------------------------|
|  | 2000/<br>2001               | 2001/<br>2002          | 2002/<br>2003 <sup>2</sup> | 2000/<br>2001            | 2001/<br>2002          | 2002/<br>2003 <sup>2</sup> |
|  | <i>Metric<br/>tons</i>      | <i>Metric<br/>tons</i> | <i>Metric<br/>tons</i>     | <i>Metric<br/>tons</i>   | <i>Metric<br/>tons</i> | <i>Metric<br/>tons</i>     |
| <b>North and Central America; incl. Caribbean:</b> |                             |                        |                            |                          |                        |                            |
| Barbados .....                                     | 233                         | 57                     | 77                         | 0                        | 20                     | 0                          |
| Canada .....                                       | 29,949                      | 31,689                 | 36,975                     | 820                      | 917                    | 508                        |
| El Salvador .....                                  | 3,550                       | 2,700                  | 407                        | 0                        | 0                      | 0                          |
| Guatemala .....                                    | 520                         | 0                      | 0                          | 120                      | 0                      | 0                          |
| Mexico .....                                       | 9,666                       | 7,419                  | 7,298                      | 121,783                  | 76,501                 | 40,010                     |
| Total <sup>3</sup> .....                           | 46,620                      | 50,573                 | 45,128                     | 122,743                  | 77,572                 | 40,519                     |
| <b>South America:</b>                              |                             |                        |                            |                          |                        |                            |
| Brazil .....                                       | 0                           | 0                      | 0                          | 46                       | 60                     | 20                         |
| Total <sup>3</sup> .....                           | 40                          | 59                     | 40                         | 76                       | 83                     | 20                         |
| <b>Europe:</b>                                     |                             |                        |                            |                          |                        |                            |
| Austria .....                                      | 0                           | 0                      | 0                          | 0                        | 743                    | 222                        |
| Belgium-Luxembourg .....                           | 0                           | 0                      | 0                          | 375                      | 392                    | 80                         |
| France .....                                       | 157                         | 94                     | 3                          | 0                        | 0                      | 0                          |
| Germany .....                                      | 56                          | 56                     | 132                        | 3,402                    | 881                    | 2,086                      |
| Ireland .....                                      | 0                           | 0                      | 0                          | 659                      | 19,491                 | 0                          |
| Netherlands .....                                  | 2,129                       | 1,000                  | 0                          | 167                      | 0                      | 0                          |
| United Kingdom .....                               | 69                          | 116                    | 354                        | 870                      | 539                    | 2,225                      |
| Total <sup>3</sup> .....                           | 2,493                       | 1,275                  | 489                        | 7,004                    | 22,368                 | 5,077                      |
| <b>Africa:</b>                                     |                             |                        |                            |                          |                        |                            |
| Egypt .....  | 0                           | 2,999                  | 0                          | 7,826                    | 0                      | 0                          |
| Total <sup>3</sup> .....                           | 1,267                       | 3,016                  | 5                          | 7,826                    | 0                      | 0                          |
| <b>Asia:</b>                                       |                             |                        |                            |                          |                        |                            |
| Israel .....                                       | 140                         | 485                    | 571                        | 0                        | 10                     | 0                          |
| Japan .....  | 7,219                       | 5,723                  | 1,521                      | 300                      | 240                    | 304                        |
| Korea, Rep. of .....                               | 0                           | 5,574                  | 2,308                      | 42                       | 269                    | 278                        |
| Taiwan .....                                       | 0                           | 1,000                  | 0                          | 265                      | 0                      | 27                         |
| Total <sup>3</sup> .....                           | 8,892                       | 13,171                 | 4,493                      | 634                      | 720                    | 630                        |
| Oceania .....                                      | 13                          | 24                     | 0                          | 920                      | 0                      | 0                          |
| Grand total <sup>4</sup> .....                     | 59,325                      | 68,118                 | 50,155                     | 139,202                  | 100,743                | 46,246                     |

<sup>1</sup> Crude and refined (includes shipments under P.L. 480). <sup>2</sup> Preliminary. <sup>3</sup> Includes quantities exported to countries not shown. <sup>4</sup> May not add due to rounding.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-5710. (Compiled from reports of the U.S. Department of Commerce.)



**Table 3-6.—Cottonseed: Area, yield, and production in specified countries, 1999/2000–2001/2002<sup>1</sup>**

| Continent and country                                | Area <sup>2</sup> |                |                        | Yield per hectare |             |                        | Production        |                   |                        |
|--|-------------------|----------------|------------------------|-------------------|-------------|------------------------|-------------------|-------------------|------------------------|
|  | 2000/2001         | 2001/2002      | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002   | 2002/2003 <sup>3</sup> | 2000/2001         | 2001/2002         | 2002/2003 <sup>3</sup> |
|  | 1,000 hectares    | 1,000 hectares | 1,000 hectares         | Metric tons       | Metric tons | Metric tons            | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons      |
| <b>North and Central America, and the Caribbean:</b> |                   |                |                        |                   |             |                        |                   |                   |                        |
| Mexico .....   | 81                | 82             | 38                     | 1.65              | 1.80        | 1.76                   | 134               | 148               | 67                     |
| United States .....                                  | 5,282             | 5,596          | 5,029                  | 1.11              | 1.21        | 1.12                   | 5,838             | 6,761             | 5,610                  |
| Total .....  | 5,363             | 5,678          | 5,067                  | 1.11              | 1.22        | 1.12                   | 5,972             | 6,909             | 5,677                  |
| <b>South America:</b>                                |                   |                |                        |                   |             |                        |                   |                   |                        |
| Argentina .....                                      | 385               | 165            | 148                    | 0.75              | 0.61        | 0.68                   | 290               | 100               | 100                    |
| Brazil .....   | 853               | 748            | 735                    | 1.78              | 1.64        | 1.97                   | 1,522             | 1,229             | 1,448                  |
| Paraguay .....                                       | 300               | 150            | 170                    | 0.52              | 0.53        | 0.71                   | 155               | 80                | 120                    |
| Total .....  | 1,538             | 1,063          | 1,053                  | 1.28              | 1.33        | 1.58                   | 1,967             | 1,409             | 1,668                  |
| <b>European Union</b>                                | 501               | 501            | 453                    | 1.52              | 1.55        | 1.44                   | 760               | 778               | 653                    |
| <b>Former Soviet Union:</b>                          |                   |                |                        |                   |             |                        |                   |                   |                        |
| Azerbaijan .....                                     | 91                | 82             | 65                     | 0.66              | 0.71        | 0.85                   | 60                | 58                | 55                     |
| Kazakhstan .....                                     | 153               | 184            | 165                    | 1.01              | 1.36        | 1.15                   | 155               | 250               | 190                    |
| Kyrgyzstan .....                                     | 34                | 37             | 29                     | 1.47              | 1.62        | 1.38                   | 50                | 60                | 40                     |
| Tajikistan .....                                     | 239               | 245            | 265                    | 0.79              | 1.04        | 1.08                   | 190               | 255               | 285                    |
| Turkmenistan .....                                   | 475               | 515            | 490                    | 0.69              | 0.66        | 0.56                   | 329               | 339               | 275                    |
| Uzbekistan .....                                     | 1415              | 1430           | 1420                   | 1.36              | 1.47        | 1.41                   | 1920              | 2100              | 2000                   |
| Total .....  | 2,407             | 2,493          | 2,434                  | 1.12              | 1.23        | 1.17                   | 2,704             | 3,062             | 2,845                  |
| <b>Africa:</b>                                       |                   |                |                        |                   |             |                        |                   |                   |                        |
| Cameroon .....                                       | 200               | 200            | 200                    | 1.08              | 1.09        | 1.06                   | 215               | 217               | 212                    |
| Egypt .....  | 223               | 315            | 302                    | 1.37              | 1.37        | 1.35                   | 306               | 432               | 407                    |
| Mali .....   | 275               | 520            | 450                    | 0.73              | 0.89        | 0.73                   | 200               | 464               | 330                    |
| South Africa, Republic of .....                      | 68                | 41             | 30                     | 0.99              | 0.85        | 1.03                   | 67                | 35                | 31                     |
| Sudan .....  | 235               | 150            | 180                    | 0.74              | 0.94        | 1.06                   | 174               | 141               | 190                    |
| Tanzania, United Republic of .....                   | 182               | 420            | 387                    | 0.46              | 0.24        | 0.32                   | 83                | 101               | 123                    |
| Zimbabwe .....                                       | 390               | 400            | 330                    | 0.44              | 0.34        | 0.48                   | 171               | 135               | 160                    |
| Total .....  | 3,808             | 4,471          | 4,239                  | 0.60              | 0.64        | 0.64                   | 2,288             | 2,868             | 2,706                  |
| <b>Asia and the Middle East:</b>                     |                   |                |                        |                   |             |                        |                   |                   |                        |
| China, Peoples Republic of .....                     | 4,058             | 4,820          | 4,184                  | 1.96              | 1.98        | 2.12                   | 7,960             | 9,560             | 8,850                  |
| India .....  | 8,576             | 8,730          | 7,600                  | 0.57              | 0.58        | 0.58                   | 4,900             | 5,100             | 4,400                  |
| Iran .....   | 260               | 200            | 160                    | 0.83              | 0.84        | 0.84                   | 215               | 168               | 135                    |
| Pakistan .....                                       | 2,928             | 3,160          | 2,800                  | 1.22              | 1.14        | 1.21                   | 3,570             | 3,614             | 3,396                  |
| Syria .....  | 270               | 257            | 186                    | 2.74              | 2.74        | 2.66                   | 739               | 705               | 495                    |
| Turkey .....   | 654               | 693            | 700                    | 1.79              | 1.83        | 1.92                   | 1,170             | 1,267             | 1,343                  |
| Total .....  | 17,094            | 18,198         | 15,963                 | 1.10              | 1.13        | 1.18                   | 18,728            | 20,598            | 18,795                 |
| <b>Oceania:</b>                                      |                   |                |                        |                   |             |                        |                   |                   |                        |
| Australia .....                                      | 505               | 420            | 225                    | 2.00              | 2.30        | 2.21                   | 1,062             | 968               | 498                    |
| Total .....  | 505               | 420            | 225                    | 2.00              | 2.00        | 2.00                   | 1,062             | 968               | 498                    |
| <b>World Total<sup>4</sup></b>                       | <b>31,216</b>     | <b>32,824</b>  | <b>29,434</b>          | <b>1.07</b>       | <b>1.11</b> | <b>1.12</b>            | <b>33,481</b>     | <b>36,592</b>     | <b>32,842</b>          |

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. <sup>2</sup> Harvested area. <sup>3</sup> Preliminary. <sup>4</sup> Includes all countries in USDA data base. 2002/03 includes estimates and forecast as of November 2003

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-5710. (Compiled from reports of the U.S. Department of Commerce.)

**Table 3-7.—Flaxseed: Area, yield, production, disposition, and value, United States, 1994–2003**

| Year                    | Area planted       | Area harvested     | Yield per harvested acre | Production           | Marketing year average price per bushel received by farmers <sup>1</sup> | Value of production <sup>1</sup> |
|-------------------------|--------------------|--------------------|--------------------------|----------------------|--|----------------------------------|
|                         | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Bushels</i>           | <i>1,000 bushels</i> | <i>Dollars</i>   | <i>1,000 dollars</i>             |
| 1994 .....              | 178                | 171                | 17.1                     | 2,922                | 4.63   | 13,590                           |
| 1995 .....              | 165                | 147                | 15.0                     | 2,212                | 5.20   | 11,481                           |
| 1996 .....              | 96                 | 92                 | 17.4                     | 1,602                | 6.37   | 10,197                           |
| 1997 .....              | 151                | 146                | 16.6                     | 2,420                | 5.81   | 14,046                           |
| 1998 .....              | 336                | 329                | 20.4                     | 6,708                | 5.05   | 33,809                           |
| 1999 .....              | 387                | 381                | 20.6                     | 7,864                | 3.79   | 30,098                           |
| 2000 .....              | 536                | 517                | 20.8                     | 10,730               | 3.30   | 35,569                           |
| 2001 .....              | 585                | 578                | 19.8                     | 11,455               | 4.29   | 49,004                           |
| 2002 .....              | 784                | 703                | 16.9                     | 11,863               | 5.77   | 72,657                           |
| 2003 <sup>2</sup> ..... | 595                | 583                | 17.9                     | 10,426               | 5.80   | 60,593                           |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 3-8.—Flaxseed: Supply and disappearance, United States, 1993–2002**

| Year beginning June | Supply               |                      |                      |                      | Disappearance        |                      |                        |   |
|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|---|
|                     | Stocks June 1        | Production           | Imports              | Total                | Total used for seed  | Exports              | Crushings <sup>2</sup> | Total domestic disappearance <sup>3</sup> |
|                     | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i>   | <i>1,000 bushels</i>                      |
| 1993 .....          | 1,545                | 3,482                | 5,118                | 10,145               | 144                  | 126                  | 8,650                  | 8,864                                     |
| 1994 .....          | 1,155                | 2,922                | 6,005                | 10,082               | 134                  | 72                   | 8,550                  | 8,840                                     |
| 1995 .....          | 1,170                | 2,212                | 7,248                | 10,630               | 78                   | 119                  | 9,000                  | 9,281                                     |
| 1996 .....          | 1,230                | 1,602                | 8,390                | 11,222               | 122                  | 144                  | 10,000                 | 10,625                                    |
| 1997 .....          | 453                  | 2,420                | 9,636                | 12,509               | 272                  | 174                  | 10,500                 | 11,154                                    |
| 1998 .....          | 1,181                | 6,708                | 5,992                | 13,881               | 313                  | 476                  | 10,600                 | 11,247                                    |
| 1999 .....          | 2,158                | 7,864                | 6,629                | 16,651               | 434                  | 215                  | 11,500                 | 14,669                                    |
| 2000 .....          | 1,767                | 10,730               | 2,850                | 15,347               | 474                  | 1,015                | 12,000                 | 13,024                                    |
| 2001 .....          | 1,308                | 11,455               | 1,903                | 14,666               | 636                  | 2,386                | 10,000                 | 11,387                                    |
| 2002 .....          | 893                  | 12,569               | 2,907                | 16,369               | 482                  | 3,154                | 11,000                 | 12,137                                    |

<sup>1</sup> Preliminary. <sup>2</sup> From domestic and imported seed. <sup>3</sup> Total supply minus exports and stocks June 1 of following year.  
 ERS, Field Crops Branch, (202) 694-5300.

**Table 3-9.—Flaxseed: Area, yield, and production, by States, 2001–2003**

| State    | Area planted       |                    |                    | Area harvested     |                    |                    | Yield per harvested acre |                |                | Production           |                      |                      |
|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|----------------|----------------|----------------------|----------------------|----------------------|
|          | 2001               | 2002               | 2003               | 2001               | 2002               | 2003               | 2001                     | 2002           | 2003           | 2001                 | 2002                 | 2003                 |
|          | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Bushels</i>           | <i>Bushels</i> | <i>Bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> |
| MN ..... | 4                  | 5                  | 8                  | 4                  | 4                  | 7                  | 13.0                     | 16.0           | 23.0           | 52                   | 64                   | 161                  |
| MT ..... | 14                 | 17                 | 17                 | 12                 | 15                 | 17                 | 15.0                     | 13.0           | 13.0           | 180                  | 195                  | 221                  |
| ND ..... | 550                | 750                | 560                | 545                | 680                | 550                | 20.0                     | 17.0           | 18.0           | 10,900               | 11,560               | 9,900                |
| SD ..... | 17                 | 12                 | 10                 | 17                 | 4                  | 9                  | 19.0                     | 11.0           | 16.0           | 323                  | 44                   | 144                  |
| US ..... | 585                | 784                | 595                | 578                | 703                | 583                | 19.8                     | 16.9           | 17.9           | 11,455               | 11,863               | 10,426               |

NASS, Crops Branch, (202) 720-2127.

**Table 3-10.—Flaxseed: Marketing year average price and value of production, by States, crop of 2001, 2002, and 2003<sup>1</sup>**

| State    | Marketing year average price per bushel |                |                   | Value of production  |                      |                      |
|----------|---|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001                                    | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Dollars</i>                          | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| MN ..... | 4.40                                    | 6.50           | 6.60              | 229                  | 585                  | 1,063                |
| MT ..... | 4.35                                    | 6.15           | 5.80              | 783                  | 1,199                | 1,282                |
| ND ..... | 4.29                                    | 5.77           | 5.80              | 46,761               | 70,625               | 57,420               |
| SD ..... | 3.81                                    | 5.63           | 5.75              | 1,231                | 248                  | 828                  |
| US ..... | 4.29                                    | 5.77           | 5.80              | 49,004               | 72,657               | 60,593               |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 3-11.—Flaxseed: Support operations, United States, 1994-2003**

| Marketin year beginning June 1 | Income support payment rates per bushels <sup>1</sup> | Program price levels per bushel |                     | Put under loan <sup>4</sup> |                          | Acquired by CCC under loan program <sup>5</sup> | Owned by CCC at end of marketing year |
|--------------------------------|---|---------------------------------|---------------------|-----------------------------|--------------------------|---|---------------------------------------|
|                                |   | Loan <sup>2</sup>               | Target <sup>3</sup> | Quantity                    | Percentage of production |   |                                       |
|                                | <i>Dollars</i>  | <i>Dollars</i>                  | <i>Dollars</i>      | <i>1,000 bushels</i>        | <i>Percent</i>           | <i>1,000 bushels</i>                            | <i>1,000 bushels</i>                  |
| 1994/95 .....                  |   | 4.87                            |                     | 185.7                       | 6.4                      | 58.9  | 4                                     |
| 1995/96 .....                  |   | 4.87                            |                     | 51.8                        | 2.3                      | 8.9   | 0                                     |
| 1996/97 .....                  |   | 5.07                            |                     | 39.3                        | 2.5                      | 0.0   | 0                                     |
| 1997/98 .....                  |   | 5.21                            |                     | 105.4                       | 4.4                      | 0.0   | 0                                     |
| 1998/99 .....                  |   | 5.21                            |                     | 516.1                       | 7.7                      | 1.8   | 0                                     |
| 1999/2000 ...                  | 0.12  | 5.21                            |                     | 430.4                       | 5.5                      | 225.0   | 5                                     |
| 2000/2001 ...                  | 0.23  | 5.21                            |                     | 353.6                       | 3.3                      | 151.8   | 0                                     |
| 2001/2002 ...                  |   | 5.21                            |                     | 105.4                       | 0.9                      | 35.7  | 1                                     |
| 2002/2003 <sup>6</sup> ...     | 0.45/0.00   | 3.91                            | 5.49                | 157.1                       | 1.2                      | 1.8   | 0                                     |
| 2003/2004 ...                  | 0.45/---  | 5.38                            | 5.49                |                             |                          |   |                                       |

<sup>1</sup> Oilseeds producer payment rates for 1999/2000 were calculated according to the provisions of the Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2000. Rates for 2000/2001 were calculated according to the provisions of the Agricultural Risk Protection Act of 2000, and included supplemental oilseeds payment rates. Payment rates for the 2002/2003 and subsequent crops are calculated according to the provisions of the Direct and Counter-Cyclical Payment program, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). Payment rates are rounded to the nearest tenth of a cent. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the Federal Agricultural Improvement and Reform Act of 1996. <sup>3</sup> Target prices for the 2002/2003 and subsequent crops were enacted with the 2002 Act. <sup>4</sup> Does not include quantity on which loan deficiency payments were made. <sup>5</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous years. <sup>6</sup> Beginning with 2002/2003, the first entry is the direct payment rate and the second entry is the counter-cyclical payment rate.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-8838.

**Table 3-12.—Flaxseed and linseed oil and meal: Average price Minneapolis, 1993-2002**

| Year <sup>1</sup>       | Average price received by farmers per bushel | Minneapolis                 |                            |
|-------------------------|--|-----------------------------|----------------------------|
|                         |  | Oil, per pound <sup>2</sup> | Meal, per ton <sup>3</sup> |
|                         | <i>Dollars</i>                               | <i>Cents</i>                | <i>Dollars</i>             |
| 1993 .....              | 4.25   | 31.8                        | 139.55                     |
| 1994 .....              | 4.63   | 33.7                        | 91.96                      |
| 1995 .....              | 5.25   | 36.5                        | 133.60                     |
| 1996 .....              | 6.21   | 36.0                        | 169.75                     |
| 1997 .....              | 5.75   | 37.8                        | 131.40                     |
| 1998 .....              | 5.25   | 37.5                        | 91.63                      |
| 1999 .....              | 3.79   | 37.8                        | 93.77                      |
| 2000 .....              | 3.30   | 36.0                        | 116.23                     |
| 2001 .....              | 4.29   | 36.0                        | 121.29                     |
| 2002 <sup>4</sup> ..... | 5.80   | 33.0                        | 125.00                     |

<sup>1</sup> Year beginning June 1. <sup>2</sup> Raw oil in tank cars. <sup>3</sup> Bulk carlots, 34 percent protein. <sup>4</sup> Preliminary.  
 ERS, Field Crops Branch, (202) 694-5300.

**Table 3-13.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1994–2002**

| Year beginning June   | Total flaxseed crushed | Linseed oil    |                |                | Linseed cake and meal |                         |            |
|-----------------------|------------------------|----------------|----------------|----------------|-----------------------|-------------------------|------------|
|                       |                        | Stocks June 1  | Production     | Exports        | Production            | Imports for consumption | Exports    |
|                       | 1,000 bushels          | Million pounds | Million pounds | Million pounds | 1,000 tons            | 1,000 tons              | 1,000 tons |
| 1994 ...              | 8,550                  | 63             | 172            | 24             | 158                   | 5                       | 58         |
| 1995 ...              | 9,000                  | 45             | 180            | 26             | 167                   | 2                       | 35         |
| 1996 ...              | 10,000                 | 50             | 200            | 66             | 185                   | 13                      | 44         |
| 1997 ...              | 10,500                 | 35             | 205            | 58             | 189                   | 15                      | 19         |
| 1998 ...              | 10,600                 | 42             | 207            | 63             | 191                   | 4                       | 26         |
| 1999 ...              | 11,500                 | 48             | 224            | 76             | 207                   | 4                       | 26         |
| 2000 ...              | 12,000                 | 49             | 234            | 100            | 216                   | 4                       | 27         |
| 2001 ...              | 10,000                 | 43             | 195            | 90             | 180                   | 4                       | 28         |
| 2002 <sup>1</sup> ... | 10,300                 | 45             | 201            | 92             | 185                   | 4                       | 29         |

<sup>1</sup> Preliminary.  
ERS, Field Crops Branch, (202) 694-5300.

**Table 3-14.—Sunflowerseed, sunflowerseed oil, and sunflowerseed cake and meal: United States exports by country of destination 2000/2001–2002/2003<sup>1</sup>**

| Continent and country of destination        | Sunflowerseed |             |                        | Sunflowerseed oil <sup>2</sup> |             |                        | Sunflowerseed cake and meal |             |                        |
|---|---------------|-------------|------------------------|--------------------------------|-------------|------------------------|-----------------------------|-------------|------------------------|
|   | 2000/2001     | 2001/2002   | 2002/2003 <sup>3</sup> | 2000/2001                      | 2001/2002   | 2002/2003 <sup>3</sup> | 2000/2001                   | 2001/2002   | 2002/2003 <sup>3</sup> |
|   | Metric tons   | Metric tons | Metric tons            | Metric tons                    | Metric tons | Metric tons            | Metric tons                 | Metric tons | Metric tons            |
| North and Central America; incl. Caribbean: |               |             |                        |                                |             |                        |                             |             |                        |
| Canada .....                                | 16,157        | 28,747      | 19,897                 | 22,988                         | 24,294      | 16,834                 | 1,424                       | 2,165       | 1,711                  |
| Mexico .....                                | 12,190        | 6,138       | 6,572                  | 39,095                         | 17,761      | 5,259                  | 2,731                       | 2,451       | 1,371                  |
| Total <sup>4</sup> .....                    | 28,876        | 35,320      | 26,666                 | 66,971                         | 44,516      | 25,856                 | 4,155                       | 4,616       | 3,082                  |
| South America:                              |               |             |                        |                                |             |                        |                             |             |                        |
| Venezuela .....                             | 151           | 2           | 4                      | 0                              | 26          | 0                      | 0                           | 0           | 0                      |
| Total <sup>4</sup> .....                    | 168           | 64          | 259                    | 1,312                          | 212         | 0                      | 0                           | 0           | 10                     |
| Europe:                                     |               |             |                        |                                |             |                        |                             |             |                        |
| France .....                                | 2,447         | 2,204       | 2,703                  | 0                              | 0           | 0                      | 0                           | 0           | 0                      |
| Germany .....                               | 59,475        | 73,238      | 40,087                 | 49                             | 4           | 0                      | 0                           | 0           | 0                      |
| Netherlands .....                           | 16,032        | 34,942      | 13,508                 | 57,546                         | 22,914      | 16                     | 0                           | 0           | 0                      |
| Spain .....                                 | 25,573        | 28,097      | 29,159                 | 5,812                          | 1,499       | 0                      | 0                           | 0           | 0                      |
| Total <sup>4</sup> .....                    | 128,540       | 169,205     | 113,174                | 65,209                         | 34,665      | 98                     | 3,933                       | 21,024      | 0                      |
| Former Soviet Union <sup>5</sup>            | 993           | 1,644       | 167                    | 849                            | 0           | 0                      | 0                           | 0           | 0                      |
| Africa:                                     |               |             |                        |                                |             |                        |                             |             |                        |
| Algeria .....                               | 12,562        | 160         | 0                      | 62,700                         | 47,897      | 0                      | 0                           | 0           | 0                      |
| Egypt .....                                 | 100           | 81          | 40                     | 5,924                          | 12,499      | 3,000                  | 0                           | 0           | 0                      |
| Total <sup>4</sup> .....                    | 13,951        | 2,065       | 1,237                  | 68,624                         | 64,894      | 5,638                  | 0                           | 0           | 0                      |
| Asia:                                       |               |             |                        |                                |             |                        |                             |             |                        |
| Japan .....                                 | 2,955         | 2,543       | 2,083                  | 5,457                          | 6,143       | 10,227                 | 0                           | 20          | 21                     |
| Korea, Rep. of .....                        | 1,033         | 1,393       | 1,167                  | 350                            | 309         | 296                    | 0                           | 0           | 0                      |
| Turkey .....                                | 4,794         | 7,557       | 7,272                  | 12,574                         | 15,697      | 0                      | 0                           | 0           | 0                      |
| Total <sup>4</sup> .....                    | 26,818        | 24,877      | 21,883                 | 44,129                         | 61,114      | 19,946                 | 20                          | 20          | 21                     |
| Oceania .....                               | 1,553         | 1,513       | 1,055                  | 14                             | 4           | 0                      | 0                           | 0           | 0                      |
| Grand total <sup>6</sup> .....              | 200,900       | 234,689     | 164,442                | 247,109                        | 205,406     | 51,538                 | 8,109                       | 25,661      | 3,112                  |

<sup>1</sup> For sunflowerseed, year begins September 1; for sunflowerseed oil cake and meal, year begins October 1. <sup>2</sup> Crude and refined oil. <sup>3</sup> Preliminary. <sup>4</sup> Includes quantities exported to countries not shown. <sup>5</sup> Former Soviet Union; includes all 15 Republics of the USSR. <sup>6</sup> May not add due to rounding.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-5710. Compiled from reports of the U.S. Department of Commerce.

**Table 3-15.—Peanuts: Area, yield, production, disposition, marketing year average price per pound received by farmers, and value, United States, 1994–2003**

| Year                    | Area planted       | Peanuts for nuts   |                |                         |                                     |                                  |
|-------------------------|--------------------|--------------------|----------------|-------------------------|-------------------------------------|----------------------------------|
|                         |                    | Area harvested     | Yield per acre | Production <sup>1</sup> | Marketing year average <sup>2</sup> | Value of production <sup>2</sup> |
|                         | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>  | <i>1,000 pounds</i>     | <i>Cents</i>                        | <i>1,000 dollars</i>             |
| 1994 .....              | 1,641.0            | 1,618.5            | 2,624          | 4,247,455               | 28.9                                | 1,229,012                        |
| 1995 .....              | 1,537.5            | 1,517.0            | 2,282          | 3,461,475               | 29.3                                | 1,013,323                        |
| 1996 .....              | 1,401.5            | 1,380.0            | 2,653          | 3,661,205               | 28.1                                | 1,029,774                        |
| 1997 .....              | 1,434.0            | 1,413.8            | 2,503          | 3,539,380               | 28.3                                | 1,002,703                        |
| 1998 .....              | 1,521.0            | 1,467.0            | 2,702          | 3,963,440               | 28.4                                | 1,125,919                        |
| 1999 .....              | 1,534.5            | 1,436.0            | 2,667          | 3,829,490               | 25.4                                | 971,608                          |
| 2000 .....              | 1,536.8            | 1,336.0            | 2,444          | 3,265,505               | 27.4                                | 896,097                          |
| 2001 .....              | 1,541.2            | 1,411.9            | 3,029          | 4,276,704               | 23.4                                | 1,000,512                        |
| 2002 .....              | 1,353.0            | 1,291.7            | 2,571          | 3,321,040               | 18.2                                | 599,624                          |
| 2003 <sup>3</sup> ..... | 1,344.0            | 1,312.0            | 3,159          | 4,144,150               | 18.8                                | 779,183                          |

<sup>1</sup> Estimates comprised of quota and non-quota peanuts. <sup>2</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>3</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 3-16.—Peanuts, farmer stock: Stocks, production, and quantity milled, United States, 1993–2002**

| Year beginning August | Stocks Aug. 1 <sup>1</sup> | Production harvested for nuts <sup>1</sup> | Total supply        | Milled <sup>1,2</sup> |
|-----------------------|----------------------------|--|---------------------|-----------------------|
|                       | <i>1,000 pounds</i>        | <i>1,000 pounds</i>                        | <i>1,000 pounds</i> | <i>1,000 pounds</i>   |
| 1993 .....            | 61,252                     | 3,392,415                                  | 3,453,667           | 3,147,078             |
| 1994 .....            | 67,428                     | 4,247,455                                  | 4,314,883           | 3,222,198             |
| 1995 .....            | 48,574                     | 3,461,475                                  | 3,510,049           | 2,558,954             |
| 1996 .....            | 66,392                     | 3,661,205                                  | 3,727,597           | 2,919,054             |
| 1997 .....            | 22,714                     | 3,539,380                                  | 3,562,094           | 2,899,138             |
| 1998 .....            | 27,284                     | 3,963,440                                  | 3,990,724           | 3,652,670             |
| 1999 .....            | 158,646                    | 3,829,490                                  | 3,988,136           | 3,703,266             |
| 2000 .....            | 139,210                    | 3,265,505                                  | 3,404,715           | 3,254,950             |
| 2001 .....            | 116,994                    | 4,276,704                                  | 4,393,698           | 3,663,304             |
| 2002 .....            | 483,702                    | 3,321,040                                  | 3,804,192           | 3,585,900             |

<sup>1</sup> Net weight basis. <sup>2</sup> Includes peanuts milled for seed.  
NASS, Crops Branch, (202) 720-2127.

**Table 3-17.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1993–2002**

| Year beginning August | Peanuts crushed (shelled basis) | Peanut oil                 |                     |                     |                      | Peanut cake and meal       |                     |
|-----------------------|---------------------------------|----------------------------|---------------------|---------------------|----------------------|----------------------------|---------------------|
|                       |                                 | Stocks Aug. 1 <sup>1</sup> | Production of crude | Imports             | Exports <sup>2</sup> | Stocks Aug. 1 <sup>3</sup> | Production          |
|                       | <i>1,000 pounds</i>             | <i>1,000 pounds</i>        | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>  | <i>1,000 pounds</i>        | <i>1,000 pounds</i> |
| 1993 .....            | 503,674                         | 19,779                     | 212,216             | 11,421              | 61,145               | 11,395                     | 292,093             |
| 1994 .....            | 738,221                         | 4,272                      | 314,189             | 3,773               | 96,866               | 13,405                     | 415,394             |
| 1995 .....            | 751,281                         | 19,763                     | 320,909             | 4,678               | 108,146              | 14,910                     | 420,919             |
| 1996 .....            | 520,413                         | 26,992                     | 220,877             | 14,445              | 20,625               | 7,212                      | 294,590             |
| 1997 .....            | 409,249                         | 22,936                     | 175,853             | 8,118               | 13,097               | 8,291                      | 228,276             |
| 1998 .....            | 345,825                         | 29,297                     | 145,254             | 72,534              | 10,516               | 24,004                     | 192,425             |
| 1999 .....            | 536,164                         | 6,770                      | 228,839             | 12,835              | 17,519               | 2,847                      | 291,491             |
| 2000 .....            | 411,558                         | 10,881                     | 178,523             | 79,119              | 13,824               | 4,721                      | 230,099             |
| 2001 .....            | 521,173                         | 3,812                      | 230,791             | 38,665              | 8,386                | 3,800                      | 296,874             |
| 2002 .....            | 644,194                         | 21,986                     | 285,685             | 70,243              | 41,868               | 1,292                      | 356,888             |

<sup>1</sup> Crude plus refined. <sup>2</sup> Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting. <sup>3</sup> Holding at producing mills only.

NASS, Crops Branch, (202) 720-2127, ERS, and Bureau of the Census.

**Table 3-18.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1993–2002**

| Year beginning August | Supply              |                     |                     |                     | Disposition         |                        |               |
|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------------|---------------|
|                       | Stocks Aug. 1       | Production          | Imports             | Total               | Exports             | Domestic disappearance |               |
|                       |                     |                     |                     |                     |                     | Total                  | Per capita    |
|                       | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>    | <i>Pounds</i> |
| 1993 .....            | 71,938              | 186,232             | 9                   | 258,179             | 83,438              | 141,056                | 0.54          |
| 1994 .....            | 33,685              | 296,057             | 7,308               | 337,050             | 102,351             | 164,079                | 0.63          |
| 1995 .....            | 70,620              | 188,954             | 8,628               | 268,202             | 73,937              | 163,283                | 0.62          |
| 1996 .....            | 30,981              | 264,337             | 6,988               | 302,306             | 80,607              | 167,928                | 0.63          |
| 1997 .....            | 53,771              | 229,912             | 5,907               | 289,590             | 75,154              | 183,868                | 0.68          |
| 1998 .....            | 30,568              | 277,552             | 5,320               | 313,440             | 58,864              | 181,468                | 0.66          |
| 1999 .....            | 73,108              | 235,756             | 5,341               | 314,205             | 53,406              | 200,877                | 0.72          |
| 2000 .....            | 59,922              | 228,185             | 7,622               | 295,729             | 41,054              | 216,303                | 0.77          |
| 2001 .....            | 38,372              | 245,783             | 0                   | 284,155             | 39,099              | 179,907                | 0.63          |
| 2002 .....            | 65,149              | 207,881             | 251                 | 273,281             | 40,192              | 183,938                | 0.64          |

NASS, Crops Branch, (202) 720–2127, and ERS. Foreign trade from the Bureau of the Census.

**Table 3-19.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1993–2002**

| Year beginning August | Supply              |                     |                     |                     |                     |                     | Exports             | Crushed |
|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------|
|                       | Stocks Aug. 1       |                     | Production          |                     | Imports             | Total               |                     |         |
|                       | Edible              | Oil stock           | Edible              | Oil stock           |                     |                     |                     |         |
|                       | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |         |
| 1993 .....            | 871,207             | 43,760              | 1,748,734           | 425,710             | 1,420               | 3,090,831           | 352,500             | 503,674 |
| 1994 .....            | 679,639             | 42,054              | 1,741,824           | 511,635             | 55,385              | 3,030,537           | 583,142             | 738,221 |
| 1995 .....            | 752,814             | 58,188              | 1,253,451           | 491,818             | 108,303             | 2,664,574           | 564,021             | 751,281 |
| 1996 .....            | 370,431             | 126,318             | 1,692,581           | 305,674             | 95,041              | 2,590,045           | 440,438             | 520,413 |
| 1997 .....            | 498,954             | 41,000              | 1,694,016           | 290,882             | 101,792             | 2,626,644           | 455,264             | 409,249 |
| 1998 .....            | 580,370             | 14,091              | 2,227,037           | 310,459             | 112,643             | 3,249,600           | 377,171             | 345,825 |
| 1999 .....            | 855,572             | 16,587              | 2,157,828           | 448,875             | 129,819             | 3,608,681           | 503,675             | 536,164 |
| 2000 .....            | 707,554             | 70,103              | 1,939,736           | 337,324             | 147,103             | 3,201,820           | 354,414             | 411,558 |
| 2001 .....            | 693,209             | 14,463              | 2,090,776           | 485,092             | 150,276             | 3,433,816           | 495,595             | 521,173 |
| 2002 .....            | 680,850             | 16,648              | 1,983,016           | 611,627             | 54,117              | 3,346,258           | 337,217             | 644,194 |

NASS, Crops Branch, (202) 720–2127, and ERS. Foreign trade from the U.S. Bureau of the Census.

**Table 3-20.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1993–2002**

| Type, and year beginning August | Shelled uses               |              |              |              |              | Apparent disappearance (cleaned in shell) <sup>2</sup> |
|---------------------------------|----------------------------|--------------|--------------|--------------|--------------|--|
|                                 | Peanut butter <sup>1</sup> | Snack        | Candy        | Other        | Total        |  |
|                                 | 1,000 pounds               | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds |  |
| Virginia:                       |                            |              |              |              |              |  |
| 1993 .....                      | 63,270                     | 99,381       | 44,889       | 15,101       | 222,641      | .....  |
| 1994 .....                      | 51,354                     | 97,389       | 26,857       | 15,316       | 190,916      | .....  |
| 1995 .....                      | 71,310                     | 93,041       | 25,176       | 13,656       | 203,183      | .....  |
| 1996 .....                      | 64,274                     | 91,882       | 24,158       | 12,852       | 193,166      | .....  |
| 1997 .....                      | 59,228                     | 80,309       | 28,428       | 14,135       | 182,100      | .....  |
| 1998 .....                      | 57,864                     | 99,401       | 36,178       | 3,492        | 196,935      | .....  |
| 1999 .....                      | 73,926                     | 100,384      | 23,173       | 3,321        | 200,804      | .....  |
| 2000 .....                      | 102,050                    | 100,650      | 19,101       | 3,271        | 225,072      | .....  |
| 2001 .....                      | 106,573                    | 97,046       | 26,640       | 3,097        | 233,356      | .....  |
| 2002 .....                      | 77,018                     | 75,100       | 26,930       | 4,178        | 183,226      | .....  |
| Runner:                         |                            |              |              |              |              |  |
| 1993 .....                      | 635,047                    | 227,286      | 298,325      | 18,738       | 1,179,396    | .....  |
| 1994 .....                      | 644,711                    | 185,377      | 302,697      | 19,325       | 1,152,110    | .....  |
| 1995 .....                      | 634,350                    | 169,142      | 304,285      | 15,942       | 1,123,719    | .....  |
| 1996 .....                      | 634,387                    | 176,851      | 318,924      | 19,185       | 1,149,347    | .....  |
| 1997 .....                      | 676,839                    | 206,718      | 302,791      | 20,598       | 1,206,946    | .....  |
| 1998 .....                      | 670,705                    | 234,486      | 321,838      | 17,719       | 1,244,748    | .....  |
| 1999 .....                      | 690,564                    | 278,440      | 315,467      | 15,922       | 1,300,393    | .....  |
| 2000 .....                      | 643,229                    | 247,739      | 320,304      | 15,884       | 1,227,156    | .....  |
| 2001 .....                      | 702,454                    | 250,079      | 303,668      | 13,575       | 1,269,776    | .....  |
| 2002 .....                      | 734,844                    | 257,258      | 312,192      | 19,552       | 1,323,846    | .....  |
| Spanish:                        |                            |              |              |              |              |  |
| 1993 .....                      | 28,689                     | 22,200       | 19,204       | 2,462        | 72,555       | .....  |
| 1994 .....                      | 13,758                     | 18,782       | 20,076       | 2,213        | 54,829       | .....  |
| 1995 .....                      | 22,416                     | 14,906       | 21,202       | 2,417        | 60,941       | .....  |
| 1996 .....                      | 28,870                     | 21,369       | 17,764       | 1,788        | 69,791       | .....  |
| 1997 .....                      | 24,163                     | 19,881       | 19,798       | 738          | 64,580       | .....  |
| 1998 .....                      | 16,137                     | 15,919       | 22,161       | 920          | 55,137       | .....  |
| 1999 .....                      | 7,614                      | 15,297       | 16,313       | 984          | 40,208       | .....  |
| 2000 .....                      | 7,960                      | 13,127       | 16,205       | 843          | 38,135       | .....  |
| 2001 .....                      | 9,900                      | 13,791       | 19,421       | 612          | 43,724       | .....  |
| 2002 .....                      | 16,667                     | 12,555       | 15,110       | 649          | 44,981       | .....  |
| All types:                      |                            |              |              |              |              |  |
| 1993 .....                      | 727,006                    | 348,867      | 362,418      | 36,301       | 1,474,592    | 2,307,718  |
| 1994 .....                      | 709,823                    | 301,548      | 349,630      | 36,854       | 1,397,855    | 2,164,150  |
| 1995 .....                      | 728,076                    | 277,089      | 350,663      | 32,015       | 1,387,843    | 2,059,522  |
| 1996 .....                      | 727,531                    | 290,102      | 360,846      | 33,825       | 1,412,304    | 1,998,270  |
| 1997 .....                      | 760,230                    | 306,908      | 351,017      | 35,471       | 1,453,626    | 1,930,391  |
| 1998 .....                      | 744,706                    | 349,806      | 380,177      | 22,131       | 1,496,820    | 2,259,798  |
| 1999 .....                      | 772,104                    | 394,121      | 354,953      | 20,227       | 1,541,405    | 2,701,205  |
| 2000 .....                      | 753,239                    | 361,516      | 355,610      | 19,998       | 1,490,363    | 2,347,528  |
| 2001 .....                      | 818,927                    | 360,916      | 349,729      | 17,284       | 1,546,856    | 2,586,042  |
| 2002 .....                      | 828,529                    | 344,913      | 354,232      | 24,379       | 1,552,053    | 2,763,724  |

<sup>1</sup> Excludes peanut butter made by manufacturers for own use in candy. Includes peanut butter used in spreads, sandwiches, and cookies. <sup>2</sup> Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

NASS, Crops Branch, (202) 720-2127, and ERS.

**Table 3-21.—Peanuts: Area, yield, and production, by States, 2001–2003**

| State    | Area planted |             |                   | Peanuts for nuts |             |                   |                          |        |                   |                         |              |                   |
|----------|--------------|-------------|-------------------|------------------|-------------|-------------------|--------------------------|--------|-------------------|-------------------------|--------------|-------------------|
|          | 2001         | 2002        | 2003 <sup>1</sup> | Area harvested   |             |                   | Yield per harvested acre |        |                   | Production <sup>2</sup> |              |                   |
|          |              |             |                   | 2001             | 2002        | 2003 <sup>1</sup> | 2001                     | 2002   | 2003 <sup>1</sup> | 2001                    | 2002         | 2003 <sup>1</sup> |
|          | 1,000 acres  | 1,000 acres | 1,000 acres       | 1,000 acres      | 1,000 acres | 1,000 acres       | Pounds                   | Pounds | Pounds            | 1,000 pounds            | 1,000 pounds | 1,000 pounds      |
| AL ..... | 200.0        | 185.0       | 190.0             | 199.0            | 180.0       | 185.0             | 2,675                    | 2,110  | 2,750             | 532,325                 | 379,800      | 508,750           |
| FL ..... | 90.0         | 96.0        | 125.0             | 82.0             | 86.0        | 115.0             | 3,050                    | 2,300  | 3,000             | 250,100                 | 197,800      | 345,000           |
| GA ..... | 515.0        | 510.0       | 545.0             | 514.0            | 505.0       | 540.0             | 3,330                    | 2,600  | 3,450             | 1,711,620               | 1,313,000    | 1,863,000         |
| NM ..... | 22.2         | 18.0        | 18.0              | 22.2             | 18.0        | 17.0              | 3,020                    | 3,000  | 2,700             | 67,044                  | 54,000       | 45,900            |
| NC ..... | 123.0        | 101.0       | 101.0             | 122.5            | 100.0       | 100.0             | 2,910                    | 2,100  | 3,200             | 356,475                 | 210,000      | 320,000           |
| OK ..... | 80.0         | 60.0        | 37.0              | 77.0             | 57.0        | 35.0              | 2,570                    | 2,800  | 2,800             | 197,890                 | 159,600      | 98,000            |
| SC ..... | 11.0         | 10.0        | 19.0              | 10.2             | 8.7         | 17.0              | 3,000                    | 2,200  | 3,400             | 30,600                  | 19,140       | 57,800            |
| TX ..... | 425.0        | 315.0       | 275.0             | 310.0            | 280.0       | 270.0             | 2,890                    | 3,100  | 3,000             | 895,900                 | 868,000      | 810,000           |
| VA ..... | 75.0         | 58.0        | 34.0              | 75.0             | 57.0        | 33.0              | 3,130                    | 2,100  | 2,900             | 234,750                 | 119,700      | 95,700            |
| US ..... | 1,541.2      | 1,353.0     | 1,344.0           | 1,411.9          | 1,291.7     | 1,312.0           | 3,029                    | 2,571  | 3,159             | 4,276,704               | 3,321,040    | 4,144,150         |

<sup>1</sup> Preliminary. <sup>2</sup> Estimates comprised of quota and non-quota peanuts.

NASS, Crops Branch, (202) 720-2127.

**Table 3-22.—Peanuts: Marketing year average price, and value of production, by States, crop of 2001, 2002, and 2003<sup>1</sup>**

| State    | Marketing year average price per pound |                |                   | Value of production  |                      |                      |
|----------|--|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001                                   | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Dollars</i>                         | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL ..... | 0.242                                  | 0.164          | 0.185             | 128,823              | 62,197               | 94,119               |
| FL ..... | 0.215                                  | 0.178          | 0.184             | 53,772               | 35,208               | 63,480               |
| GA ..... | 0.227                                  | 0.175          | 0.185             | 388,538              | 229,775              | 344,655              |
| NM ..... | 0.260                                  | 0.190          | 0.190             | 17,431               | 10,260               | 8,721                |
| NC ..... | 0.248                                  | 0.219          | 0.212             | 88,406               | 45,990               | 67,840               |
| OK ..... | 0.274                                  | 0.170          | 0.191             | 54,222               | 27,132               | 18,718               |
| SC ..... | 0.259                                  | 0.167          | 0.190             | 7,925                | 3,196                | 10,982               |
| TX ..... | 0.226                                  | 0.182          | 0.184             | 202,473              | 157,976              | 149,040              |
| VA ..... | 0.251                                  | 0.233          | 0.226             | 58,922               | 27,890               | 21,628               |
| US ..... | 0.234                                  | 0.182          | 0.188             | 1,000,512            | 599,624              | 779,183              |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 3-23.—Peanuts, farmers' stock: Price-support operations, United States, 1994-2003**

| Marketing year beginning August 1 | Income support payment rates per pound <sup>1</sup> | Price support level per pound |                         | Put under support <sup>4,5</sup> |                       |                          | Owned by CCC at end of marketing year <sup>5</sup> |
|-----------------------------------|---|-------------------------------|-------------------------|----------------------------------|-----------------------|--------------------------|--|
|                                   |   | Quota <sup>2</sup>            | Additional <sup>3</sup> | Quantity                         | Quantity              | Percentage of production |  |
|                                   | <i>Cents</i>  | <i>Cents</i>                  | <i>Cents</i>            | <i>Million pounds</i>            | <i>Million pounds</i> | <i>Percent</i>           | <i>Million pounds</i>                              |
| 1994/95 ....                      |   | 33.9                          | 6.6                     | .....                            | 820                   | 19.3                     | 0  |
| 1995/96 ....                      |   | 33.9                          | 6.6                     | .....                            | 818                   | 23.6                     | 0  |
| 1996/97 ....                      |   | 30.5                          | 6.6                     | .....                            | 320                   | 8.7                      | 0  |
| 1997/98 ....                      |   | 30.5                          | 6.6                     | .....                            | 417                   | 11.8                     | 0  |
| 1998/99 ....                      |   | 30.5                          | 6.6                     | .....                            | 802                   | 20.2                     | 0  |
| 1999/2000                         |   | 30.5                          | 6.6                     | .....                            | 459                   | 12.0                     | 0  |
| 2000/2001                         |   | 30.5                          | 6.6                     | .....                            | 450                   | 13.9                     | 0  |
|                                   |   |                               |                         | MAL total                        | LDP total             |                          |  |
| 2001/2002                         |   | 30.5                          | 6.6                     | 668                              | 904                   | 21.9                     | 0  |
|                                   |   | Loan <sup>6</sup>             | Target <sup>6</sup>     |                                  |                       |                          |  |
| 2002/2003                         | 1.80  | 17.75                         | 24.75                   | .....                            | .....                 | .....                    | .....  |
| 2003/2004                         | .....   | 17.75                         | 24.75                   | .....                            | .....                 | .....                    | .....  |

<sup>1</sup> Enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act) repealed the peanut quota marketing program; and established payment rates for the 2002/2003 and subsequent crops according to the provisions of the Direct Payment program. <sup>2</sup> Quota peanuts are those peanuts grown within the farm poundage quota. <sup>3</sup> Additional peanuts are those peanuts grown in excess of the quota. <sup>4</sup> Includes loans made and direct purchases. <sup>5</sup> Includes shelled peanuts converted to farmers' stock basis. <sup>6</sup> Loan rates and target prices for the 2002/03 and subsequent crops were enacted with the 2002 Act.

FSA, Tobacco and Peanuts Division, (202) 720-5291.

**Table 3-24.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1993-2002<sup>1</sup>**

| Classification                                  | 1993                           | 1994                           | 1995                           | 1996                           | 1997                           | 1998                           | 1999                           | 2000                           | 2001                           | 2002                           |
|---|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Southeastern area:                              | <i>Cents</i>                   | <i>Cents</i>                   | <i>Cents</i>                   | <i>Cents</i>                   | <i>Cents</i>                   | <i>Cents</i>                   | <i>Cents</i>                   | <i>Cents</i>                   | <i>Cents</i>                   | <i>Cents</i>                   |
| Georgia, Alabama, and Florida:                  |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |
| Shelled:  |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |
| Runner Jumbo .....                              | 63 <sup>7</sup> / <sub>8</sub> | 68 <sup>1</sup> / <sub>2</sub> | 67 <sup>1</sup> / <sub>2</sub> | 60 <sup>3</sup> / <sub>4</sub> | 62                             | 59                             | 60 <sup>3</sup> / <sub>4</sub> | 62                             | 59 <sup>1</sup> / <sub>2</sub> | 41 <sup>1</sup> / <sub>2</sub> |
| Runner Medium .....                             | 60 <sup>1</sup> / <sub>4</sub> | 62 <sup>1</sup> / <sub>2</sub> | 66                             | 59 <sup>1</sup> / <sub>2</sub> | 60 <sup>3</sup> / <sub>8</sub> | 56                             | 58 <sup>1</sup> / <sub>4</sub> | 59 <sup>1</sup> / <sub>2</sub> | 57 <sup>1</sup> / <sub>2</sub> | 39 <sup>3</sup> / <sub>4</sub> |
| Runner U.S. Splits .....                        | 59 <sup>1</sup> / <sub>2</sub> | 62 <sup>3</sup> / <sub>4</sub> | 65 <sup>1</sup> / <sub>2</sub> | 57                             | 57 <sup>3</sup> / <sub>4</sub> | 56 <sup>1</sup> / <sub>4</sub> | 56 <sup>3</sup> / <sub>4</sub> | 58 <sup>1</sup> / <sub>2</sub> | 56 <sup>3</sup> / <sub>4</sub> | 38 <sup>3</sup> / <sub>4</sub> |
| Virginia-North Carolina:                        |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |
| Clean unshelled Virginias:                      |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |
| Fancy .....                                     | 50 <sup>3</sup> / <sub>4</sub> | 72 <sup>3</sup> / <sub>4</sub> | 57 <sup>1</sup> / <sub>4</sub> | 49 <sup>3</sup> / <sub>4</sub> | 54 <sup>1</sup> / <sub>8</sub> | 45 <sup>3</sup> / <sub>4</sub> | 49 <sup>1</sup> / <sub>8</sub> | 50 <sup>7</sup> / <sub>8</sub> | 51                             | 55                             |
| Shelled Virginias:                              |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |
| Extra large .....                               | 74 <sup>1</sup> / <sub>4</sub> | 77 <sup>1</sup> / <sub>8</sub> | 68 <sup>1</sup> / <sub>2</sub> | 66 <sup>1</sup> / <sub>2</sub> | 69 <sup>1</sup> / <sub>8</sub> | 62                             | 66                             | 70 <sup>1</sup> / <sub>2</sub> | 66 <sup>1</sup> / <sub>2</sub> | 72 <sup>3</sup> / <sub>4</sub> |
| Medium .....                                    | 61 <sup>1</sup> / <sub>4</sub> | 75 <sup>1</sup> / <sub>2</sub> | 67 <sup>1</sup> / <sub>2</sub> | 60 <sup>1</sup> / <sub>4</sub> | 64 <sup>3</sup> / <sub>8</sub> | 59 <sup>1</sup> / <sub>4</sub> | 60 <sup>3</sup> / <sub>4</sub> | 60 <sup>3</sup> / <sub>8</sub> | 59 <sup>1</sup> / <sub>4</sub> | 42 <sup>1</sup> / <sub>2</sub> |
| No. 2 with 70% splits .....                     | 59 <sup>1</sup> / <sub>4</sub> | 61 <sup>3</sup> / <sub>4</sub> | 60 <sup>1</sup> / <sub>2</sub> | 55 <sup>1</sup> / <sub>2</sub> | 56 <sup>3</sup> / <sub>8</sub> | 53 <sup>3</sup> / <sub>4</sub> | 53 <sup>3</sup> / <sub>8</sub> | 55 <sup>1</sup> / <sub>8</sub> | 55                             | 37 <sup>3</sup> / <sub>4</sub> |
| Southwestern area:                              |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |
| Texas and Oklahoma:                             |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |
| Shelled:  |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |
| Spanish No. 1 .....                             | 61 <sup>5</sup> / <sub>8</sub> | 62 <sup>7</sup> / <sub>8</sub> | 65 <sup>1</sup> / <sub>2</sub> | 60 <sup>1</sup> / <sub>4</sub> | 60 <sup>3</sup> / <sub>8</sub> | 72                             | 79 <sup>1</sup> / <sub>2</sub> | 70 <sup>7</sup> / <sub>8</sub> | 62 <sup>3</sup> / <sub>4</sub> | 41 <sup>1</sup> / <sub>2</sub> |
| Spanish U.S. Splits .....                       | 61 <sup>1</sup> / <sub>2</sub> | 64 <sup>7</sup> / <sub>8</sub> | 66 <sup>1</sup> / <sub>4</sub> | 58                             | 58 <sup>1</sup> / <sub>4</sub> | 60 <sup>1</sup> / <sub>2</sub> | 57 <sup>1</sup> / <sub>4</sub> | 59                             | NA                             | 37 <sup>3</sup> / <sub>4</sub> |
| New Mexico:                                     |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |
| Handpicked unshelled Valencias <sup>2</sup> ... | 58                             | 65                             | 61 <sup>1</sup> / <sub>4</sub> | 62 <sup>1</sup> / <sub>2</sub> | 65 <sup>7</sup> / <sub>8</sub> | 63 <sup>1</sup> / <sub>2</sub> | NA                             | NA                             | NA                             | NA                             |

<sup>1</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August, in the Southeastern and the Southwestern States. Prices are for shipment within 6 months. <sup>2</sup> No U.S. grade standards apply to Valencia peanuts. NA-not available.

AMS, Fruit and Vegetable Division, Market News Branch (229) 228-1208.



**Table 3-25.—Peanuts: <sup>1</sup> Area, yield, and production in specified countries and the world, 2000–2001/2002–2003**

| Continent and country               | Area <sup>2</sup>      |                        |                            | Yield per hectare |                |                            | Production              |                         |                            |
|-------------------------------------|------------------------|------------------------|----------------------------|-------------------|----------------|----------------------------|-------------------------|-------------------------|----------------------------|
|                                     | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001           | 2001/<br>2002           | 2002/<br>2003 <sup>3</sup> |
|                                     | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares     | Metric<br>tons    | Metric<br>tons | Metric<br>tons             | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons    |
| <b>North America and Caribbean:</b> |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Mexico .....                        | 78                     | 78                     | 80                         | 1.72              | 1.73           | 1.70                       | 134                     | 135                     | 136                        |
| United States .....                 | 541                    | 571                    | 525                        | 2.74              | 3.40           | 2.87                       | 1,481                   | 1,940                   | 1,506                      |
| Total <sup>4</sup> .....            | 619                    | 649                    | 605                        | 2.61              | 3.20           | 2.71                       | 1,615                   | 2,075                   | 1,642                      |
| <b>South America:</b>               |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Argentina .....                     | 251                    | 220                    | 155                        | 1.57              | 1.65           | 1.42                       | 395                     | 362                     | 220                        |
| Brazil .....                        | 102                    | 95                     | 88                         | 1.92              | 2.00           | 1.99                       | 196                     | 190                     | 175                        |
| Total <sup>4</sup> .....            | 353                    | 315                    | 243                        | 1.67              | 1.75           | 1.63                       | 591                     | 552                     | 395                        |
| <b>Central America:</b>             |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Nicaragua .....                     | 23                     | 18                     | 15                         | 2.96              | 3.56           | 3.87                       | 68                      | 64                      | 58                         |
| <b>Middle East:</b>                 |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Turkey .....                        | 28                     | 27                     | 30                         | 2.79              | 2.67           | 2.33                       | 78                      | 72                      | 70                         |
| <b>Africa:</b>                      |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Benin .....                         | 139                    | 145                    | 164                        | 0.87              | 0.86           | 0.89                       | 121                     | 125                     | 146                        |
| Burkina .....                       | 237                    | 331                    | 331                        | 0.71              | 0.91           | 0.91                       | 169                     | 301                     | 301                        |
| Cameroon .....                      | 320                    | 320                    | 320                        | 0.30              | 0.31           | 0.31                       | 95                      | 100                     | 100                        |
| Central African Republic .....      | 100                    | 100                    | 100                        | 1.16              | 1.22           | 1.22                       | 116                     | 122                     | 122                        |
| Chad .....                          | 440                    | 480                    | 480                        | 0.82              | 0.94           | 0.94                       | 360                     | 450                     | 450                        |
| Congo, Democratic .....             | 491                    | 474                    | 457                        | 0.78              | 0.78           | 0.78                       | 382                     | 368                     | 355                        |
| Cote d'Ivoire .....                 | 150                    | 150                    | 150                        | 0.97              | 0.97           | 1.00                       | 145                     | 145                     | 150                        |
| Egypt .....                         | 60                     | 63                     | 60                         | 3.12              | 3.25           | 3.17                       | 187                     | 205                     | 190                        |
| Gambia, The .....                   | 118                    | 131                    | 105                        | 1.17              | 1.15           | 0.70                       | 138                     | 151                     | 73                         |
| Ghana .....                         | 218                    | 254                    | 225                        | 0.96              | 1.02           | 1.00                       | 209                     | 258                     | 225                        |
| Guinea .....                        | 210                    | 210                    | 210                        | 1.00              | 1.00           | 1.00                       | 210                     | 210                     | 210                        |
| Malawi .....                        | 181                    | 208                    | 200                        | 0.82              | 0.76           | 0.75                       | 148                     | 158                     | 150                        |
| Morocco .....                       | 18                     | 22                     | 22                         | 2.50              | 2.05           | 2.05                       | 45                      | 45                      | 45                         |
| Mozambique .....                    | 282                    | 286                    | 280                        | 0.39              | 0.38           | 0.48                       | 109                     | 110                     | 135                        |
| Niger .....                         | 360                    | 159                    | 159                        | 0.31              | 0.81           | 0.81                       | 113                     | 129                     | 129                        |
| Nigeria .....                       | 1,210                  | 1,220                  | 1,230                      | 1.21              | 1.22           | 1.23                       | 1,470                   | 1,490                   | 1,510                      |
| Senegal .....                       | 1,030                  | 920                    | 750                        | 0.97              | 0.98           | 0.67                       | 1,003                   | 903                     | 500                        |
| South Africa, Rep. ....             | 160                    | 94                     | 50                         | 1.16              | 1.28           | 1.32                       | 186                     | 120                     | 66                         |
| Sudan .....                         | 550                    | 550                    | 550                        | 0.67              | 0.67           | 0.67                       | 370                     | 370                     | 370                        |
| Tanzania, United Rep. ....          | 117                    | 117                    | 117                        | 0.64              | 0.64           | 0.64                       | 75                      | 75                      | 75                         |
| Togo .....                          | 54                     | 59                     | 59                         | 0.48              | 0.56           | 0.56                       | 26                      | 33                      | 33                         |
| Uganda .....                        | 199                    | 208                    | 211                        | 0.70              | 0.70           | 0.70                       | 139                     | 146                     | 148                        |
| Zambia .....                        | 135                    | 135                    | 135                        | 0.41              | 0.41           | 0.41                       | 55                      | 55                      | 55                         |
| Zimbabwe .....                      | 276                    | 259                    | 240                        | 0.62              | 0.23           | 0.21                       | 172                     | 59                      | 50                         |
| Total <sup>4</sup> .....            | 7,055                  | 6,895                  | 6,605                      | 0.86              | 0.89           | 0.85                       | 6,043                   | 6,128                   | 5,588                      |
| <b>Asia:</b>                        |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Bangladesh .....                    | 29                     | 35                     | 35                         | 1.10              | 0.86           | 1.14                       | 32                      | 30                      | 40                         |
| Burma .....                         | 560                    | 586                    | 580                        | 1.13              | 1.25           | 1.21                       | 634                     | 731                     | 700                        |
| China, Peoples Rep. ....            | 4,856                  | 4,990                  | 5,000                      | 2.97              | 2.89           | 2.98                       | 14,437                  | 14,415                  | 14,900                     |
| India .....                         | 8,100                  | 8,200                  | 6,800                      | 0.70              | 0.93           | 0.76                       | 5,700                   | 7,600                   | 5,200                      |
| Indonesia .....                     | 650                    | 650                    | 653                        | 1.60              | 1.59           | 1.59                       | 1,040                   | 1,033                   | 1,036                      |
| Japan .....                         | 11                     | 10                     | 10                         | 2.45              | 2.30           | 2.40                       | 27                      | 23                      | 24                         |
| Korea, Republic of .....            | 5                      | 5                      | 4                          | 1.80              | 2.00           | 1.75                       | 9                       | 10                      | 7                          |
| Malaysia .....                      | 2                      | 2                      | 2                          | 3.00              | 3.00           | 3.00                       | 6                       | 6                       | 6                          |
| Mali .....                          | 200                    | 270                    | 250                        | 0.97              | 0.73           | 0.74                       | 193                     | 196                     | 185                        |
| Pakistan .....                      | 82                     | 99                     | 99                         | 1.11              | 1.02           | 1.02                       | 91                      | 101                     | 101                        |
| Philippines .....                   | 27                     | 27                     | 27                         | 1.00              | 1.00           | 1.00                       | 27                      | 27                      | 27                         |
| Taiwan .....                        | 32                     | 32                     | 32                         | 1.72              | 1.72           | 1.72                       | 55                      | 55                      | 55                         |
| Thailand .....                      | 86                     | 85                     | 85                         | 1.57              | 1.52           | 1.52                       | 135                     | 129                     | 129                        |
| Vietnam .....                       | 245                    | 241                    | 245                        | 1.45              | 1.46           | 1.51                       | 355                     | 353                     | 370                        |
| Total <sup>4</sup> .....            | 14,885                 | 15,232                 | 13,822                     | 1.53              | 1.62           | 1.65                       | 22,741                  | 24,709                  | 22,780                     |
| <b>Oceania:</b>                     |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Australia .....                     | 21                     | 20                     | 18                         | 1.95              | 1.25           | 1.17                       | 41                      | 25                      | 21                         |
| World total <sup>4</sup> .....      | 22,985                 | 23,157                 | 21,338                     | 1.36              | 1.45           | 1.43                       | 31,178                  | 33,626                  | 30,554                     |

<sup>1</sup> Peanuts in the shell. Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary. <sup>4</sup> Regional totals include other countries not shown. World total for all countries in USDA data base.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 3-26.—Soybeans: Area, yield, production, and value, United States, 1994–2003**

| Year       | Area planted       | Soybeans for beans |                |                      |  |                                  |
|------------|--------------------|--------------------|----------------|----------------------|--|----------------------------------|
|            |                    | Area harvested     | Yield per acre | Production           | Marketing year average price per bushel received by farmers <sup>1</sup> | Value of production <sup>1</sup> |
|            | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Bushels</i> | <i>1,000 bushels</i> | <i>Dollars</i>   | <i>1,000 dollars</i>             |
| 1994 ..... | 61,620             | 60,809             | 41.4           | 2,514,869            | 5.48   | 13,746,071                       |
| 1995 ..... | 62,495             | 61,544             | 35.3           | 2,174,254            | 6.72   | 14,599,145                       |
| 1996 ..... | 64,195             | 63,349             | 37.6           | 2,380,274            | 7.35   | 17,439,971                       |
| 1997 ..... | 70,005             | 69,110             | 38.9           | 2,688,750            | 6.47   | 17,372,628                       |
| 1998 ..... | 72,025             | 70,441             | 38.9           | 2,741,014            | 4.93   | 13,493,891                       |
| 1999 ..... | 73,730             | 72,446             | 36.6           | 2,653,758            | 4.63   | 12,205,352                       |
| 2000 ..... | 74,266             | 72,408             | 38.1           | 2,757,810            | 4.54   | 12,466,572                       |
| 2001 ..... | 74,075             | 72,975             | 39.6           | 2,890,682            | 4.38   | 12,605,717                       |
| 2002 ..... | 73,963             | 72,497             | 38.0           | 2,756,147            | 5.53   | 15,214,595                       |
| 2003 ..... | 73,404             | 72,321             | 33.4           | 2,417,565            | 7.25   | 17,465,394                       |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720-2127.

**Table 3-27.—Soybeans: Stocks on and off farms, United States, 1994–2003**

| Year                    | On farms             |                      |                      |                      | Off farms <sup>1</sup> |                      |                      |                      |
|-------------------------|----------------------|----------------------|----------------------|----------------------|------------------------|----------------------|----------------------|----------------------|
|                         | Dec. 1               | Mar. 1               | June 1 <sup>2</sup>  | Sep. 1               | Dec. 1                 | Mar. 1               | June 1 <sup>2</sup>  | Sep. 1               |
|                         | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i>   | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> |
| 1994 .....              | 985,800              | 635,300              | 348,800              | 105,130              | 1,116,156              | 734,898              | 443,072              | 229,684              |
| 1995 .....              | 861,500              | 512,000              | 234,100              | 59,523               | 971,929                | 678,356              | 388,701              | 123,935              |
| 1996 .....              | 935,100              | 514,000              | 216,000              | 43,600               | 889,984                | 541,754              | 283,890              | 88,233               |
| 1997 .....              | 1,048,000            | 637,000              | 318,000              | 84,300               | 951,417                | 565,922              | 275,654              | 115,499              |
| 1998 .....              | 1,187,000            | 815,000              | 458,000              | 145,000              | 999,440                | 642,338              | 390,573              | 203,482              |
| 1999 .....              | 1,150,000            | 730,000              | 370,000              | 112,500              | 1,032,666              | 665,986              | 404,425              | 177,662              |
| 2000 .....              | 1,217,000            | 780,000              | 365,000              | 83,500               | 1,022,991              | 623,908              | 343,180              | 164,247              |
| 2001 .....              | 1,240,000            | 687,000              | 301,200              | 62,700               | 1,035,618              | 648,987              | 383,721              | 145,361              |
| 2002 .....              | 1,172,000            | 636,500              | 272,500              | 58,000               | 943,373                | 565,528              | 329,862              | 120,329              |
| 2003 <sup>3</sup> ..... | 820,000              | NA                   | NA                   | NA                   | 866,381                | NA                   | NA                   | NA                   |

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. <sup>2</sup> Old crop only. <sup>3</sup> Preliminary. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 3-28.—Soybeans, soybean meal, and oil: Average price at specified markets, 1993–2002**

| Year <sup>1</sup>     | Soybeans per bushel: No. 1 Yellow Chicago | Soybean oil per pound crude, tanks, f.o.b. Decatur | Soybean meal per short ton: 48 percent protein Decatur |
|-----------------------|---|--|--|
|                       | <i>Dollars</i>                            | <i>Cents</i>                                       | <i>Dollars</i>   |
| 1993 ...              |   |  | 192.86   |
| 1994 ...              | 6.59                                      | 27.10  | 162.55   |
| 1995 ...              | 5.73                                      | 27.58  | 235.92   |
| 1996 ...              | 7.39                                      | 24.75  | 270.90   |
| 1997 ...              | 7.80                                      | 22.50  | 185.28   |
| 1998 ...              | 6.64                                      | 25.83  | 138.55   |
| 1999 ...              | 5.00                                      | 19.80  | 167.70   |
| 2000 ...              | 4.90                                      | 15.59  | 173.60   |
| 2001 ...              | 4.77                                      | 14.15  | 167.70   |
| 2002 <sup>2</sup> ... | 4.79                                      | 16.46  | 181.60   |
|                       | 5.90                                      | 22.04  |  |

<sup>1</sup> Year beginning September for soybeans and October for oil and meal. <sup>2</sup> Preliminary.

ERS, Field Crops Branch, (202) 694-5300.

**Table 3-29.—Soybeans: Supply and disappearance, United States, 1993–2002**

| Year beginning September   | Supply               |   |                      |                      |                    |
|----------------------------|----------------------|---|----------------------|----------------------|--------------------|
|                            | Stocks by position   |   |                      | Production           | Total <sup>1</sup> |
|                            | Farm                 | Terminal market, interior mill, elevator, and warehouse | Total                |                      |                    |
| <i>1,000 bushels</i>       | <i>1,000 bushels</i> | <i>1,000 bushels</i>                                    | <i>1,000 bushels</i> | <i>1,000 bushels</i> |                    |
| 1993 .....                 | 124,970              | 167,314   | 292,284              | 1,869,718            | 2,168,418          |
| 1994 .....                 | 59,080               | 150,037   | 209,117              | 2,514,869            | 2,729,464          |
| 1995 .....                 | 105,130              | 229,684   | 334,814              | 2,174,254            | 2,513,524          |
| 1996 .....                 | 59,523               | 123,935   | 183,458              | 2,380,274            | 2,572,636          |
| 1997 .....                 | 43,600               | 88,233  | 131,833              | 2,688,750            | 2,825,589          |
| 1998 .....                 | 84,300               | 115,499   | 199,799              | 2,741,014            | 2,944,334          |
| 1999 .....                 | 145,000              | 203,482   | 348,482              | 2,653,758            | 3,006,411          |
| 2000 .....                 | 112,500              | 177,662   | 290,162              | 2,757,810            | 3,051,540          |
| 2001 .....                 | 83,500               | 164,247   | 247,747              | 2,890,682            | 3,140,749          |
| 2002/03 <sup>2</sup> ..... | 62,700               | 145,320   | 208,020              | 2,749,340            | 2,962,021          |

  

| Year beginning September | Disappearance        |                         |                      |                      |
|--------------------------|----------------------|-------------------------|----------------------|----------------------|
|                          | Crushed <sup>3</sup> | Seed, feed and residual | Exports              | Total                |
|                          | <i>1,000 bushels</i> | <i>1,000 bushels</i>    | <i>1,000 bushels</i> | <i>1,000 bushels</i> |
| 1993 .....               | 1,275,648            | 95,548                  | 588,105              | 1,959,301            |
| 1994 .....               | 1,405,156            | 149,282                 | 840,214              | 2,394,652            |
| 1995 .....               | 1,369,541            | 111,441                 | 849,084              | 2,330,066            |
| 1996 .....               | 1,436,961            | 118,954                 | 885,888              | 2,440,803            |
| 1997 .....               | 1,596,983            | 154,476                 | 874,334              | 2,625,793            |
| 1998 .....               | 1,589,787            | 201,414                 | 804,651              | 2,595,852            |
| 1999 .....               | 1,577,650            | 165,194                 | 973,405              | 2,716,249            |
| 2000 .....               | 1,639,670            | 168,252                 | 995,871              | 2,803,793            |
| 2001 .....               | 1,699,741            | 169,337                 | 1,063,651            | 2,932,729            |
| 2002 <sup>2</sup> .....  | 1,615,464            | 123,189                 | 1,045,040            | 2,783,692            |

<sup>1</sup> Includes imports, beginning with 1988. <sup>2</sup> Preliminary. <sup>3</sup> Reported by the U.S. Department of Commerce. ERS, Field Crops Branch, (202) 694-5300.

**Table 3-30.—Soybeans: Support operations, United States, 1994–2003**

| Marketing year beginning September <sup>1</sup> | Income support payment rates per bushels <sup>1</sup> | Program price levels per bushel |                     | Put under loan <sup>4</sup> |                          | Acquired by CCC under loan program <sup>5</sup> | Owned by CCC at end of marketing year |
|---|---|---------------------------------|---------------------|-----------------------------|--------------------------|---|---------------------------------------|
|   |   | Loan <sup>2</sup>               | Target <sup>3</sup> | Quantity                    | Percentage of production |   |                                       |
|   |   |                                 |                     |                             |                          |   |                                       |
|   | <i>Dollars</i>  | <i>Dollars</i>                  |                     |                             | <i>1,000 bushels</i>     | <i>1,000 bushels</i>                            |                                       |
| 1994/95 .....                                   |   | 4.92                            |                     | 375.0                       | 14.2                     | 0.0   | 0.5                                   |
| 1995/96 .....                                   |   | 4.92                            |                     | 181.8                       | 8.4                      | 0.0   | 0.0                                   |
| 1996/97 .....                                   |   | 4.97                            |                     | 195.9                       | 8.2                      | 0.0   | 0.0                                   |
| 1997/98 .....                                   |   | 5.26                            |                     | 266.3                       | 9.9                      | 0.5   | 0.6                                   |
| 1998/99 .....                                   |   | 5.26                            |                     | 342.5                       | 12.5                     | 7.7   | 3.8                                   |
| 1999/2000 .....                                 | 0.14  | 5.26                            |                     | 286.9                       | 10.8                     | 13.7  | 7.0                                   |
| 2000/2001 .....                                 | 0.26  | 5.26                            |                     | 313.0                       | 11.3                     | 10.0  | 2.0                                   |
| 2001/2002 .....                                 |   | 5.26                            |                     | 311.8                       | 10.8                     | 3.8   | 2.7                                   |
| 2002/2003 .....                                 | 0.44/0.00   | 5.00                            | 5.80                | 384.3                       | 14.0                     | 0.2   | 0.7                                   |
| 2003/2004 .....                                 | 0.44/---  | 5.00                            | 5.80                |                             |                          |   |                                       |

<sup>1</sup> Oilseeds payment rates for 1999/2000 were calculated according to the provisions of the Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2000. Rates for 2000/2001 were calculated according to the provisions of the Agricultural Risk Protection Act of 2000, and included supplemental oilseeds payment rates. Payment rates for the 2002/2003 and subsequent crops are calculated according to the provisions of the Direct and Counter-Cyclical Payment program, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). Payment rates are rounded to the nearest tenth of a cent. Beginning with 2002/2003, the first entry is the direct payment rate and the second entry is the counter-cyclical payment rate. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the Federal Agricultural Improvement and Reform Act of 1996 (1996 Act). <sup>3</sup> Target prices for the 2002/2003 and subsequent crops were enacted with the 2002 Act. <sup>4</sup> Does not include quantity on which loan deficiency payments were made. <sup>5</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous years.

**Table 3-31.—Soybeans: Area, yield, and production, by States, 2001–2003**

| State              | Area planted       |                    |                    | Soybeans for beans |                    |                    |                          |                 |                 |                      |                      |                      |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|
|                    | 2001               | 2002               | 2003               | Area harvested     |                    |                    | Yield per harvested acre |                 |                 | Production           |                      |                      |
|                    |                    |                    |                    | 2001               | 2002               | 2003               | 2001                     | 2002            | 2003            | 2001                 | 2002                 | 2003                 |
| <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Bush-els</i>          | <i>Bush-els</i> | <i>Bush-els</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> |
| AL .....           | 140                | 170                | 170                | 135                | 155                | 160                | 35.0                     | 24.0            | 36.0            | 4,725                | 3,720                | 5,760                |
| AR .....           | 2,900              | 2,950              | 2,920              | 2,850              | 2,880              | 2,890              | 32.0                     | 33.5            | 38.0            | 91,200               | 96,480               | 109,820              |
| DE .....           | 205                | 190                | 180                | 201                | 185                | 178                | 39.0                     | 25.0            | 36.0            | 7,839                | 4,625                | 6,408                |
| FL .....           | 10                 | 10                 | 13                 | 9                  | 9                  | 12                 | 29.0                     | 33.0            | 30.0            | 261                  | 297                  | 360                  |
| GA .....           | 165                | 160                | 190                | 155                | 140                | 180                | 26.0                     | 23.0            | 33.0            | 4,030                | 3,220                | 5,940                |
| IL .....           | 10,700             | 10,600             | 10,300             | 10,620             | 10,550             | 10,250             | 45.0                     | 43.0            | 36.5            | 477,900              | 453,650              | 374,125              |
| IN .....           | 5,600              | 5,800              | 5,450              | 5,590              | 5,770              | 5,350              | 49.0                     | 41.5            | 38.0            | 273,910              | 239,455              | 203,300              |
| IA .....           | 11,000             | 10,450             | 10,600             | 10,920             | 10,400             | 10,550             | 44.0                     | 48.0            | 32.0            | 480,480              | 499,200              | 337,600              |
| KS .....           | 2,850              | 2,750              | 2,600              | 2,730              | 2,540              | 2,480              | 32.0                     | 23.0            | 23.0            | 87,360               | 58,420               | 57,040               |
| KY .....           | 1,240              | 1,310              | 1,250              | 1,220              | 1,290              | 1,240              | 40.0                     | 33.0            | 43.0            | 48,800               | 42,570               | 53,320               |
| LA .....           | 640                | 800                | 760                | 610                | 660                | 740                | 33.0                     | 32.0            | 34.0            | 20,130               | 21,120               | 25,160               |
| MD .....           | 520                | 490                | 435                | 515                | 470                | 430                | 39.0                     | 23.0            | 37.0            | 20,085               | 10,810               | 15,910               |
| MI .....           | 2,150              | 2,050              | 2,000              | 2,130              | 2,040              | 1,990              | 30.0                     | 38.5            | 27.0            | 63,900               | 78,540               | 53,730               |
| MN .....           | 7,300              | 7,200              | 7,500              | 7,200              | 7,100              | 7,400              | 37.0                     | 43.5            | 31.0            | 266,400              | 308,850              | 229,400              |
| MS .....           | 1,160              | 1,440              | 1,440              | 1,120              | 1,370              | 1,430              | 33.0                     | 32.0            | 39.0            | 36,960               | 43,840               | 55,770               |
| MO .....           | 4,950              | 5,050              | 5,000              | 4,900              | 5,000              | 4,940              | 38.0                     | 34.0            | 29.0            | 186,200              | 170,000              | 143,260              |
| NE .....           | 4,950              | 4,700              | 4,550              | 4,900              | 4,580              | 4,490              | 45.5                     | 38.5            | 40.0            | 222,950              | 176,330              | 179,600              |
| NJ .....           | 103                | 100                | 90                 | 101                | 97                 | 88                 | 31.0                     | 24.0            | 34.0            | 3,131                | 2,328                | 2,992                |
| NY .....           | 160                | 145                | 140                | 158                | 144                | 138                | 33.0                     | 32.0            | 35.0            | 5,214                | 4,608                | 4,830                |
| NC .....           | 1,380              | 1,370              | 1,450              | 1,350              | 1,290              | 1,400              | 32.0                     | 24.0            | 30.0            | 43,200               | 30,960               | 42,000               |
| ND .....           | 2,150              | 2,670              | 3,150              | 2,110              | 2,630              | 3,030              | 33.5                     | 33.0            | 29.0            | 70,685               | 86,790               | 87,870               |
| OH .....           | 4,600              | 4,750              | 4,300              | 4,580              | 4,720              | 4,280              | 41.0                     | 32.0            | 38.0            | 187,780              | 151,040              | 162,640              |
| OK .....           | 415                | 280                | 270                | 255                | 260                | 245                | 19.0                     | 26.0            | 26.0            | 4,845                | 6,760                | 6,370                |
| PA .....           | 400                | 405                | 380                | 395                | 390                | 375                | 35.0                     | 26.0            | 41.0            | 13,825               | 10,140               | 15,375               |
| SC .....           | 440                | 435                | 430                | 420                | 415                | 420                | 21.0                     | 17.0            | 28.0            | 8,820                | 7,055                | 11,760               |
| SD .....           | 4,500              | 4,250              | 4,250              | 4,470              | 4,090              | 4,190              | 32.0                     | 31.0            | 27.0            | 143,040              | 126,790              | 113,130              |
| TN .....           | 1,070              | 1,160              | 1,150              | 1,040              | 1,120              | 1,120              | 34.0                     | 31.0            | 41.0            | 35,360               | 34,720               | 45,920               |
| TX .....           | 260                | 230                | 200                | 225                | 205                | 180                | 26.0                     | 28.0            | 28.0            | 5,850                | 5,740                | 5,040                |
| VA .....           | 500                | 490                | 500                | 480                | 460                | 480                | 35.5                     | 23.0            | 34.0            | 17,040               | 10,580               | 16,320               |
| WV .....           | 17                 | 18                 | 16                 | 16                 | 17                 | 15                 | 42.0                     | 37.0            | 41.0            | 672                  | 629                  | 615                  |
| WI .....           | 1,600              | 1,540              | 1,720              | 1,570              | 1,520              | 1,650              | 37.0                     | 44.0            | 28.0            | 58,090               | 66,880               | 46,200               |
| US .....           | 74,075             | 73,963             | 73,404             | 72,975             | 72,497             | 72,321             | 39.6                     | 38.0            | 33.4            | 2,890,682            | 2,756,147            | 2,417,565            |

NASS, Crops Branch, (202) 720-2127.

**Table 3-32.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1993–2002**

| Year beginning October  | Soybeans crushed     |                      |                      |                      |                      | Soybean oil           |                       |                       | Soybean cake and meal |                   |                   |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------|-------------------|
|                         | Oct.-Dec.            | Jan.-Mar.            | Apr.-Jun.            | Jul.-Sep.            | Total                | Stocks Oct. 1         | Production            | Exports               | Stocks Oct. 1         | Production        | Exports           |
|                         | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>1,000 bushels</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>1,000 tons</i>     | <i>1,000 tons</i> | <i>1,000 tons</i> |
| 1993 .....              | 342,257              | 327,307              | 305,734              | 307,371              | 1,282,668            | 1,555                 | 13,951                | 1,531                 | 204                   | 30,514            | 5,365             |
| 1994 .....              | 370,273              | 371,891              | 339,189              | 325,301              | 1,406,654            | 1,103                 | 15,613                | 2,683                 | 150                   | 33,265            | 6,715             |
| 1995 .....              | 369,123              | 349,481              | 325,929              | 318,490              | 1,363,023            | 1,137                 | 15,240                | 992                   | 223                   | 32,527            | 6,004             |
| 1996 .....              | 398,225              | 392,509              | 334,449              | 320,681              | 1,445,865            | 2,015                 | 15,752                | 2,033                 | 212                   | 34,211            | 6,994             |
| 1997 .....              | 438,067              | 436,997              | 375,370              | 359,693              | 1,610,077            | 1,520                 | 18,143                | 3,079                 | 210                   | 38,176            | 9,330             |
| 1998 .....              | 430,007              | 403,987              | 377,640              | 388,027              | 1,599,660            | 1,382                 | 18,078                | 2,372                 | 218                   | 37,797            | 7,122             |
| 1999 .....              | 435,943              | 395,117              | 360,423              | 381,274              | 1,572,757            | 1,520                 | 17,825                | 1,375                 | 330                   | 37,591            | 7,331             |
| 2000 .....              | 434,530              | 417,420              | 391,733              | 395,327              | 1,639,010            | 1,993                 | 18,420                | 1,401                 | 293                   | 39,385            | 7,703             |
| 2001 .....              | 452,756              | 443,946              | 414,407              | 382,738              | 1,693,847            | 2,767                 | 18,898                | 2,519                 | 383                   | 40,292            | 7,508             |
| 2002 <sup>1</sup> ..... | 445,332              | 414,587              | 378,848              | 381,990              | 1,620,757            | 2,359                 | 18,438                | 2,261                 | 240                   | 38,213            | 6,013             |

<sup>1</sup> Preliminary.

ERS, Field Crops Branch, (202) 694-5300. Data from the U.S. Department of Commerce.

**Table 3-33.—Soybeans for beans: Marketing year average price and value of production, by States, crop of 2001, 2002, and 2003<sup>1</sup>**

| State    | Marketing year average price per bushel |                |                   | Value of production  |                      |                      |
|----------|---|----------------|-------------------|----------------------|----------------------|----------------------|
|          | 2001                                    | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Dollars</i>                          | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL ..... | 4.60                                    | 5.55           | 7.10              | 21,735               | 20,646               | 40,896               |
| AR ..... | 4.37                                    | 5.65           | 7.25              | 398,544              | 545,112              | 796,195              |
| DE ..... | 4.25                                    | 5.70           | 7.25              | 33,316               | 26,363               | 46,458               |
| FL ..... | 4.20                                    | 5.35           | 7.00              | 1,096                | 1,589                | 2,520                |
| GA ..... | 4.35                                    | 5.45           | 7.25              | 17,531               | 16,023               | 43,065               |
| IL ..... | 4.55                                    | 5.66           | 7.35              | 2,174,445            | 2,567,659            | 2,749,819            |
| IN ..... | 4.42                                    | 5.55           | 7.35              | 1,210,682            | 1,328,975            | 1,494,255            |
| IA ..... | 4.35                                    | 5.54           | 7.30              | 2,090,088            | 2,765,568            | 2,464,480            |
| KS ..... | 4.16                                    | 5.49           | 7.60              | 363,418              | 320,726              | 433,504              |
| KY ..... | 4.47                                    | 5.74           | 7.60              | 218,136              | 238,669              | 405,232              |
| LA ..... | 4.39                                    | 5.52           | 6.90              | 88,371               | 116,582              | 173,604              |
| MD ..... | 4.20                                    | 5.70           | 7.25              | 84,357               | 61,617               | 115,348              |
| MI ..... | 4.47                                    | 5.62           | 7.20              | 285,633              | 441,395              | 386,856              |
| MN ..... | 4.32                                    | 5.42           | 7.00              | 1,150,848            | 1,673,967            | 1,605,800            |
| MS ..... | 4.39                                    | 5.52           | 6.85              | 162,254              | 241,997              | 382,025              |
| MO ..... | 4.32                                    | 5.54           | 7.55              | 804,384              | 941,800              | 1,081,613            |
| NE ..... | 4.19                                    | 5.43           | 7.10              | 934,161              | 957,472              | 1,275,160            |
| NJ ..... | 4.15                                    | 5.40           | 7.00              | 12,994               | 12,047               | 20,944               |
| NY ..... | 4.55                                    | 5.85           | 7.00              | 23,724               | 26,957               | 33,810               |
| NC ..... | 4.29                                    | 5.63           | 7.40              | 185,328              | 174,305              | 310,800              |
| ND ..... | 4.05                                    | 5.32           | 6.85              | 286,274              | 461,723              | 601,910              |
| OH ..... | 4.46                                    | 5.59           | 7.20              | 837,499              | 817,929              | 1,171,008            |
| OK ..... | 4.30                                    | 5.50           | 6.80              | 20,834               | 35,750               | 43,316               |
| PA ..... | 4.26                                    | 5.90           | 7.00              | 58,895               | 59,826               | 107,625              |
| SC ..... | 4.45                                    | 5.60           | 7.00              | 39,249               | 39,508               | 82,320               |
| SD ..... | 4.13                                    | 5.33           | 6.95              | 590,755              | 675,791              | 786,254              |
| TN ..... | 4.46                                    | 5.70           | 7.25              | 157,706              | 197,904              | 332,920              |
| TX ..... | 4.60                                    | 5.10           | 6.60              | 26,910               | 29,274               | 33,264               |
| VA ..... | 4.30                                    | 5.54           | 7.15              | 73,272               | 56,065               | 116,688              |
| WV ..... | 4.33                                    | 5.64           | 7.00              | 2,910                | 3,548                | 4,305                |
| WI ..... | 4.31                                    | 5.35           | 7.00              | 250,368              | 357,808              | 323,400              |
| US ..... | 4.38                                    | 5.53           | 7.25              | 12,605,717           | 15,214,595           | 17,465,394           |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 3-34.—Soybeans: Area, yield, and production in specified countries and the world, 2000-2001/2002-2003<sup>1</sup>**

| Continent and country | Area <sup>2</sup>     |                       |                        | Yield per hectare  |                    |                        | Production               |                          |                          |
|-----------------------|-----------------------|-----------------------|------------------------|--------------------|--------------------|------------------------|--------------------------|--------------------------|--------------------------|
|                       | 2000/2001             | 2001/2002             | 2002/2003 <sup>3</sup> | 2000/2001          | 2001/2002          | 2002/2003 <sup>3</sup> | 2000/2001                | 2001/2002                | 2002/2003 <sup>3</sup>   |
|                       | <i>1,000 hectares</i> | <i>1,000 hectares</i> | <i>1,000 hectares</i>  | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>     | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| North America:        |                       |                       |                        |                    |                    |                        |                          |                          |                          |
| Canada .....          | 1,061                 | 1,046                 | 1,021                  | 2.55               | 1.56               | 2.28                   | 2,703                    | 1,635                    | 2,329                    |
| Mexico .....          | 70                    | 45                    | 57                     | 1.47               | 1.47               | 1.54                   | 103                      | 66                       | 88                       |
| United States .....   | 29,303                | 29,532                | 29,314                 | 2.56               | 2.66               | 2.55                   | 75,055                   | 78,672                   | 74,825                   |
| Total .....           | 30,434                | 30,623                | 30,392                 | 2.56               | 2.62               | 2.54                   | 77,861                   | 80,373                   | 77,242                   |
| South America:        |                       |                       |                        |                    |                    |                        |                          |                          |                          |
| Argentina .....       | 10,400                | 11,400                | 12,600                 | 2.67               | 2.63               | 2.82                   | 27,800                   | 30,000                   | 35,500                   |
| Bolivia .....         | 600                   | 640                   | 680                    | 1.72               | 1.94               | 2.26                   | 1,030                    | 1,240                    | 1,540                    |
| Brazil .....          | 13,934                | 16,350                | 18,400                 | 2.80               | 2.66               | 2.85                   | 39,000                   | 43,500                   | 52,500                   |
| Colombia .....        | 23                    | 26                    | 27                     | 2.70               | 2.38               | 2.30                   | 62                       | 62                       | 62                       |
| Ecuador .....         | 58                    | 43                    | 58                     | 1.79               | 1.56               | 1.67                   | 104                      | 67                       | 97                       |
| Paraguay .....        | 1,350                 | 1,445                 | 1,550                  | 2.59               | 2.45               | 2.71                   | 3,502                    | 3,547                    | 4,200                    |
| Peru .....            | 2                     | 1                     | 1                      | 1.50               | 2.00               | 2.00                   | 3                        | 2                        | 2                        |
| Uruguay .....         | 12                    | 29                    | 77                     | 2.33               | 2.31               | 2.38                   | 28                       | 67                       | 183                      |
| Venezuela .....       | 4                     | 6                     | 6                      | 1.75               | 1.67               | 1.67                   | 7                        | 10                       | 10                       |
| Total .....           | 26,383                | 29,940                | 33,399                 | 2.71               | 2.62               | 2.82                   | 71,536                   | 78,495                   | 94,094                   |

See footnotes at end of table.

**Table 3-34.—Soybeans: Area, yield, and production in specified countries and the world, 2000–2001/2002–2003<sup>1</sup>—Continued**

| Continent and country           | Area <sup>2</sup>      |                        |                            | Yield per hectare |                |                            | Production              |                         |                            |
|---------------------------------|------------------------|------------------------|----------------------------|-------------------|----------------|----------------------------|-------------------------|-------------------------|----------------------------|
|                                 | 2000/<br>2001          | 2001/<br>2002          | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001           | 2001/<br>2002           | 2002/<br>2003 <sup>3</sup> |
|                                 | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares | 1,000<br>hec-<br>tares     | Metric<br>tons    | Metric<br>tons | Metric<br>tons             | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons    |
| <b>Central America:</b>         |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Guatemala .....                 | 10                     | 11                     | 11                         | 3.00              | 2.91           | 2.91                       | 30                      | 32                      | 32                         |
| Nicaragua .....                 | 3                      | 2                      | 2                          | 2.00              | 2.00           | 1.50                       | 6                       | 4                       | 3                          |
| Total .....                     | 13                     | 13                     | 13                         | 2.77              | 2.77           | 2.69                       | 36                      | 36                      | 35                         |
| <b>European Union:</b>          |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Austria .....                   | 16                     | 16                     | 14                         | 2.06              | 2.13           | 2.50                       | 33                      | 34                      | 35                         |
| France .....                    | 79                     | 121                    | 75                         | 2.62              | 2.57           | 2.72                       | 207                     | 311                     | 204                        |
| Germany .....                   | 1                      | 1                      | 1                          | 2.00              | 2.00           | 2.00                       | 2                       | 2                       | 2                          |
| Italy .....                     | 246                    | 251                    | 152                        | 3.67              | 3.51           | 3.72                       | 903                     | 882                     | 566                        |
| Spain .....                     | 3                      | 2                      | 1                          | 2.00              | 2.50           | 1.00                       | 6                       | 5                       | 1                          |
| Total .....                     | 345                    | 391                    | 243                        | 3.34              | 3.16           | 3.33                       | 1,151                   | 1,234                   | 808                        |
| <b>EU Accession Countries:</b>  |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Hungary .....                   | 22                     | 30                     | 26                         | 1.36              | 2.17           | 2.04                       | 30                      | 65                      | 53                         |
| <b>Other Europe:</b>            |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Bosnia-Herzegovina .....        | 4                      | 2                      | 2                          | 1.00              | 2.00           | 2.00                       | 4                       | 4                       | 4                          |
| Croatia .....                   | 47                     | 42                     | 50                         | 1.38              | 2.19           | 2.40                       | 65                      | 92                      | 120                        |
| Romania .....                   | 91                     | 41                     | 62                         | 0.77              | 1.61           | 1.69                       | 70                      | 66                      | 105                        |
| Serbia and Montenegro .....     | 100                    | 110                    | 120                        | 1.50              | 2.18           | 2.00                       | 150                     | 240                     | 240                        |
| Switzerland .....               | 1                      | 1                      | 1                          | 4.00              | 1.00           | 4.00                       | 4                       | 1                       | 4                          |
| Total .....                     | 243                    | 196                    | 235                        | 1.21              | 2.06           | 2.01                       | 293                     | 403                     | 473                        |
| <b>Former Soviet Union:</b>     |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Russian Fed. ....               | 340                    | 420                    | 475                        | 1.01              | 0.83           | 0.89                       | 342                     | 350                     | 423                        |
| Ukraine .....                   | 61                     | 73                     | 105                        | 1.05              | 1.01           | 1.10                       | 64                      | 74                      | 115                        |
| Total .....                     | 401                    | 493                    | 580                        | 1.01              | 0.86           | 0.93                       | 406                     | 424                     | 538                        |
| <b>Middle East:</b>             |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Iran .....                      | 90                     | 90                     | 90                         | 1.04              | 1.17           | 1.27                       | 94                      | 105                     | 114                        |
| Syria .....                     | 3                      | 3                      | 3                          | 1.33              | 1.33           | 1.33                       | 4                       | 4                       | 4                          |
| Turkey .....                    | 30                     | 20                     | 40                         | 1.33              | 2.25           | 2.25                       | 40                      | 45                      | 90                         |
| Total .....                     | 123                    | 113                    | 133                        | 1.12              | 1.36           | 1.56                       | 138                     | 154                     | 208                        |
| <b>Africa:</b>                  |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Egypt .....                     | 6                      | 5                      | 4                          | 2.67              | 2.00           | 2.00                       | 16                      | 10                      | 8                          |
| Morocco .....                   | 1                      | 1                      | 1                          | 1.00              | 1.00           | 1.00                       | 1                       | 1                       | 1                          |
| Nigeria .....                   | 125                    | 125                    | 125                        | 0.92              | 0.92           | 0.92                       | 115                     | 115                     | 115                        |
| South Africa, Republic of ..... | 134                    | 124                    | 108                        | 1.69              | 1.81           | 1.36                       | 226                     | 224                     | 147                        |
| Uganda .....                    | 106                    | 127                    | 151                        | 1.13              | 1.13           | 1.10                       | 120                     | 144                     | 166                        |
| Zambia .....                    | 13                     | 13                     | 13                         | 2.31              | 2.31           | 2.31                       | 30                      | 30                      | 30                         |
| Zimbabwe .....                  | 77                     | 54                     | 40                         | 2.27              | 1.33           | 1.38                       | 175                     | 72                      | 55                         |
| Total .....                     | 462                    | 449                    | 442                        | 1.48              | 1.33           | 1.18                       | 683                     | 596                     | 522                        |
| <b>Asia:</b>                    |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Burma .....                     | 108                    | 114                    | 114                        | 0.92              | 0.96           | 0.96                       | 99                      | 110                     | 110                        |
| China, Peop. ....               | 9,300                  | 9,480                  | 8,720                      | 1.66              | 1.63           | 1.89                       | 15,400                  | 15,410                  | 16,510                     |
| India .....                     | 5,800                  | 6,000                  | 5,670                      | 0.91              | 0.90           | 0.71                       | 5,250                   | 5,400                   | 4,000                      |
| Indonesia .....                 | 825                    | 679                    | 546                        | 1.24              | 1.28           | 1.43                       | 1,020                   | 870                     | 780                        |
| Japan .....                     | 123                    | 144                    | 150                        | 1.91              | 1.88           | 1.80                       | 235                     | 271                     | 270                        |
| Korea, Dem. ....                | 310                    | 310                    | 315                        | 1.13              | 1.13           | 1.14                       | 350                     | 350                     | 360                        |
| Korea, Rep. ....                | 86                     | 78                     | 81                         | 1.31              | 1.51           | 1.42                       | 113                     | 118                     | 115                        |
| Pakistan .....                  | 2                      | 2                      | 2                          | 1.00              | 1.00           | 1.00                       | 2                       | 2                       | 2                          |
| Philippines .....               | 1                      | 1                      | 1                          | 1.00              | 1.00           | 1.00                       | 1                       | 1                       | 1                          |
| Taiwan .....                    | 3                      | 3                      | 3                          | 2.00              | 2.00           | 2.00                       | 6                       | 6                       | 6                          |
| Thailand .....                  | 220                    | 190                    | 180                        | 1.42              | 1.42           | 1.39                       | 312                     | 270                     | 250                        |
| Vietnam .....                   | 124                    | 140                    | 140                        | 1.20              | 1.26           | 1.26                       | 149                     | 176                     | 176                        |
| Total .....                     | 16,902                 | 17,141                 | 15,922                     | 1.36              | 1.34           | 1.42                       | 22,937                  | 22,984                  | 22,580                     |
| <b>Oceania:</b>                 |                        |                        |                            |                   |                |                            |                         |                         |                            |
| Australia .....                 | 50                     | 50                     | 50                         | 2.10              | 2.10           | 2.10                       | 105                     | 105                     | 105                        |
| World total .....               | 75,378                 | 79,439                 | 81,435                     | 2.32              | 2.33           | 2.41                       | 175,176                 | 184,869                 | 196,658                    |

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 3-35.—Soybeans, soybean oil, and soybean cake and meal: United States exports by country of destination, 2000/2001–2002/2003<sup>1</sup>**

| Continent and country of destination               | Soybeans           |                    |                        | Soybean oil <sup>2</sup> |                    |                        | Soybean cake and meal |                    |                        |
|--|--------------------|--------------------|------------------------|--------------------------|--------------------|------------------------|-----------------------|--------------------|------------------------|
|  | 2000/2001          | 2001/2002          | 2002/2003 <sup>3</sup> | 2000/2001                | 2001/2002          | 2002/2003 <sup>3</sup> | 2000/2001             | 2001/2002          | 2002/2003 <sup>3</sup> |
|  | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>     | <i>Metric tons</i>       | <i>Metric tons</i> | <i>Metric tons</i>     | <i>Metric tons</i>    | <i>Metric tons</i> | <i>Metric tons</i>     |
| <b>North and Central America; incl. Caribbean:</b> |                    |                    |                        |                          |                    |                        |                       |                    |                        |
| Canada .....                                       | 342,180            | 804,780            | 652,328                | 54,909                   | 87,047             | 123,907                | 934,171               | 1,112,508          | 1,054,104              |
| Costa Rica .....                                   | 218,506            | 225,915            | 220,524                | 805                      | 113                | 696                    | 5,084                 | 3                  | 6,629                  |
| Jamaica & Dep .....                                | 111                | 17                 | 17                     | 16,392                   | 23,919             | 18,990                 | 68,584                | 77,002             | 88,330                 |
| Mexico .....                                       | 3,803,109          | 3,901,408          | 4,123,843              | 72,456                   | 161,760            | 196,031                | 246,802               | 379,491            | 600,878                |
| Total <sup>4</sup> .....                           | 4,483,098          | 5,123,705          | 5,207,830              | 211,916                  | 436,052            | 513,754                | 2,128,621             | 2,557,849          | 2,757,927              |
| <b>South America:</b>                              |                    |                    |                        |                          |                    |                        |                       |                    |                        |
| Brazil .....                                       | 0                  | 281                | 0                      | 25                       | 83                 | 123                    | 0                     | 5                  | 312                    |
| Colombia .....                                     | 92,526             | 193,403            | 153,439                | 21,859                   | 8,907              | 1,665                  | 44,299                | 44,929             | 59,955                 |
| Peru .....   | 0                  | 0                  | 0                      | 60,606                   | 37,677             | 20,349                 | 21,923                | 105,410            | 22,721                 |
| Venezuela .....                                    | 53,340             | 80,088             | 2,698                  | 577                      | 635                | 311                    | 124,061               | 66,228             | 216,730                |
| Total <sup>4</sup> .....                           | 151,485            | 305,309            | 156,492                | 93,301                   | 48,510             | 22,720                 | 287,346               | 363,907            | 337,151                |
| <b>Europe:</b>                                     |                    |                    |                        |                          |                    |                        |                       |                    |                        |
| Belgium and Luxembourg .....                       | 447,705            | 456,105            | 401,631                | 0                        | 0                  | 0                      | 498                   | 3,056              | 851                    |
| Denmark .....                                      | 0                  | 83,348             | 74,428                 | 0                        | 0                  | 0                      | 75,612                | 63,328             | 8,908                  |
| France .....                                       | 175,856            | 398,659            | 121,163                | 38                       | 0                  | 2                      | 28,240                | 30,352             | 78                     |
| Germany .....                                      | 541,304            | 478,753            | 1,557,940              | 7,082                    | 19,722             | 3,927                  | 86                    | 1,621              | 239                    |
| Greece .....                                       | 125,632            | 124,622            | 134,231                | 0                        | 0                  | 0                      | 8,452                 | 3,599              | 7,439                  |
| Italy .....  | 215,714            | 633,286            | 241,650                | 0                        | 10                 | 11                     | 126,287               | 40,344             | 18                     |
| Netherlands .....                                  | 2,627,597          | 2,397,128          | 582,321                | 5,801                    | 5,669              | 4,121                  | 219,155               | 106,833            | 42,176                 |
| Norway .....                                       | 102                | 0                  | 0                      | 0                        | 0                  | 0                      | 0                     | 390                | 18                     |
| Spain .....  | 1,114,235          | 1,573,818          | 1,247,833              | 0                        | 4,055              | 2,000                  | 148,848               | 78,284             | 5,745                  |
| United Kingdom .....                               | 347,314            | 242,667            | 127,157                | 0                        | 44                 | 22                     | 2,582                 | 1,238              | 17,446                 |
| Total <sup>4</sup> .....                           | 5,952,812          | 7,060,478          | 5,094,368              | 13,319                   | 30,989             | 10,446                 | 817,820               | 492,560            | 165,400                |
| <b>Former Soviet Union:<sup>5</sup></b>            |                    |                    |                        |                          |                    |                        |                       |                    |                        |
| Russia .....                                       | 0                  | 0                  | 0                      | 2,983                    | 216                | 16                     | 118,061               | 111,502            | 53,295                 |
| Ukraine .....                                      | 19                 | 10,498             | 142                    | 0                        | 0                  | 0                      | 0                     | 0                  | 17                     |
| Total <sup>4</sup> .....                           | 55,719             | 75,006             | 56,142                 | 6,904                    | 2,673              | 5,151                  | 159,117               | 126,365            | 53,312                 |
| <b>Africa:</b>                                     |                    |                    |                        |                          |                    |                        |                       |                    |                        |
| Egypt .....  | 124,830            | 357,712            | 66,499                 | 48,245                   | 55,745             | 54,079                 | 272,512               | 159,681            | 36,139                 |
| Morocco .....                                      | 101,736            | 67,618             | 267,965                | 0                        | 39,439             | 18,112                 | 38,087                | 63,299             | 0                      |
| Total <sup>4</sup> .....                           | 249,141            | 437,448            | 340,786                | 105,023                  | 136,666            | 147,304                | 527,334               | 541,170            | 267,924                |
| <b>Asia:</b>                                       |                    |                    |                        |                          |                    |                        |                       |                    |                        |
| China .....  | 5,366,949          | 4,230,417          | 7,731,935              | 5,597                    | 0                  | 94,053                 | 171                   | 300                | 120                    |
| India .....  | 0                  | 0                  | 0                      | 54,061                   | 88,528             | 42,727                 | 0                     | 0                  | 0                      |
| Israel .....                                       | 466,034            | 644,033            | 306,255                | 1,701                    | 42                 | 1,529                  | 54,647                | 41,591             | 46,241                 |
| Japan .....  | 3,570,902          | 3,727,336          | 3,505,933              | 94                       | 538                | 26,851                 | 206,377               | 189,165            | 211,685                |
| Korea, Rep. of .....                               | 1,188,056          | 1,245,443          | 1,006,754              | 50,213                   | 86,063             | 44,158                 | 121,418               | 38,376             | 99,893                 |
| Philippines .....                                  | 279,622            | 261,261            | 196,166                | 50                       | 273                | 114                    | 750,789               | 812,660            | 289,103                |
| Taiwan .....                                       | 1,866,893          | 2,137,022          | 1,533,099              | 124                      | 7,500              | 10,059                 | 7,754                 | 13,850             | 567                    |
| Total <sup>4</sup> .....                           | 15,062,347         | 15,020,523         | 16,975,702             | 205,021                  | 487,765            | 325,909                | 2,859,778             | 2,326,091          | 1,521,814              |
| <b>Oceania:</b>                                    |                    |                    |                        |                          |                    |                        |                       |                    |                        |
| Australia .....                                    | 358                | 3,771              | 43,635                 | 0                        | 71                 | 46                     | 147,977               | 261,912            | 286,046                |
| Total <sup>4</sup> .....                           | 358                | 3,883              | 43,729                 | 10                       | 100                | 203                    | 208,106               | 403,513            | 351,093                |
| <b>Grand Total<sup>6,7</sup></b> .....             | <b>27,103,182</b>  | <b>28,947,859</b>  | <b>28,441,330</b>      | <b>635,493</b>           | <b>1,142,755</b>   | <b>1,025,528</b>       | <b>6,988,122</b>      | <b>6,811,456</b>   | <b>5,454,622</b>       |

<sup>1</sup> For soybeans, year begins September 1; for soybean oil and cake and meal, year begins October 1. <sup>2</sup> Crude and refined oil (includes shipments under P.L. 480). <sup>3</sup> Preliminary. <sup>4</sup> Includes quantities exported to countries not shown. <sup>5</sup> Former Soviet Union; includes all 15 Republics of the USSR. <sup>6</sup> May not add due to rounding. <sup>7</sup> Includes quantities transhipped via Canada to unidentified countries.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-5710. Compiled from reports of the U.S. Department of Commerce.

**Table 3-36.—Soybeans: International trade, 1998/99–2002/2003 <sup>1</sup>**

| Country                        | 1998/99                      | 1999/2000                    | 2000/2001                    | 2001/2002                    | 2002/2003                    |
|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|                                | <i>1,000<br/>metric tons</i> | <i>1,000<br/>metric tons</i> | <i>1,000<br/>metric tons</i> | <i>1,000<br/>metric tons</i> | <i>1,000<br/>metric tons</i> |
| Principal exporting countries: |                              |                              |                              |                              |                              |
| United States .....            | 21,898                       | 26,537                       | 27,103                       | 28,948                       | 28,441                       |
| Brazil .....                   | 8,930                        | 11,161                       | 15,470                       | 15,000                       | 21,000                       |
| Argentina .....                | 3,233                        | 4,131                        | 7,415                        | 6,005                        | 8,713                        |
| Paraguay .....                 | 2,299                        | 2,025                        | 2,509                        | 2,386                        | 2,915                        |
| Canada .....                   | 876                          | 949                          | 747                          | 495                          | 700                          |
| Subtotal .....                 | 37,236                       | 44,803                       | 53,244                       | 52,834                       | 62,862                       |
| Others .....                   | 768                          | 772                          | 595                          | 807                          | 956                          |
| World total .....              | 38,004                       | 45,575                       | 53,839                       | 53,641                       | 63,818                       |

| Country                        | 1998/99 | 1999/2000 | 2000/2001 | 2001/2002 | 2002/2003 |
|--------------------------------|---------|-----------|-----------|-----------|-----------|
| Principal importing countries: |         |           |           |           |           |
| European Union .....           | 14,859  | 14,218    | 17,440    | 18,300    | 16,602    |
| China, Peoples Republic .....  | 3,850   | 10,100    | 13,245    | 10,385    | 21,417    |
| Indonesia .....                | 1,128   | 1,153     | 1,127     | 1,414     | 1,235     |
| Japan .....                    | 4,807   | 4,907     | 4,767     | 5,023     | 5,087     |
| Korea, Republic of .....       | 1,400   | 1,606     | 1,404     | 1,435     | 1,516     |
| Mexico .....                   | 3,766   | 4,039     | 4,381     | 4,510     | 4,230     |
| Taiwan .....                   | 2,150   | 2,300     | 2,330     | 2,578     | 2,351     |
| Thailand .....                 | 950     | 1,100     | 1,290     | 1,560     | 1,930     |
| Subtotal .....                 | 32,910  | 39,423    | 45,984    | 45,205    | 55,042    |
| Others .....                   | 5,763   | 6,602     | 7,280     | 9,040     | 9,649     |
| World total .....              | 38,673  | 46,025    | 53,264    | 54,245    | 64,691    |

<sup>1</sup> Marketing year beginning Aug. 1.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-9516. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



**Table 3-37.—Sunflower: Area, yield, production, and value, United States, 1994–2003<sup>1</sup>**

| Year       | Area planted       | Area harvested     | Yield per harvested acre | Production          | Price per cwt. <sup>2</sup> | Value of production <sup>2</sup> |
|------------|--------------------|--------------------|--------------------------|---------------------|-----------------------------|----------------------------------|
|            | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>            | <i>1,000 pounds</i> | <i>Dollars</i>              | <i>1,000 dollars</i>             |
| 1994 ..... | 3,567              | 3,430              | 1,410                    | 4,835,825           | 10.70                       | 512,747                          |
| 1995 ..... | 3,478              | 3,368              | 1,190                    | 4,009,332           | 11.50                       | 457,573                          |
| 1996 ..... | 2,536              | 2,479              | 1,436                    | 3,559,343           | 11.70                       | 414,842                          |
| 1997 ..... | 2,888              | 2,792              | 1,317                    | 3,676,952           | 11.60                       | 426,766                          |
| 1998 ..... | 3,568              | 3,492              | 1,510                    | 5,273,162           | 10.60                       | 536,971                          |
| 1999 ..... | 3,553              | 3,441              | 1,262                    | 4,341,862           | 7.53                        | 339,993                          |
| 2000 ..... | 2,840              | 2,647              | 1,339                    | 3,544,428           | 6.89                        | 246,869                          |
| 2001 ..... | 2,633              | 2,555              | 1,338                    | 3,418,759           | 9.62                        | 325,950                          |
| 2002 ..... | 2,581              | 2,167              | 1,131                    | 2,451,247           | 12.10                       | 299,638                          |
| 2003 ..... | 2,344              | 2,197              | 1,213                    | 2,665,226           | 11.80                       | 312,594                          |

<sup>1</sup> Estimates include all States except AK and HI. <sup>2</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720-2127.

**Table 3-38.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1994–2003<sup>1</sup>**

| Year       | Area planted       | Area harvested     | Yield per harvested acre | Production          | Price per cwt. <sup>2</sup> | Value of production <sup>2</sup> |
|------------|--------------------|--------------------|--------------------------|---------------------|-----------------------------|----------------------------------|
|            | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>            | <i>1,000 pounds</i> | <i>Dollars</i>              | <i>1,000 dollars</i>             |
| 1994 ..... | 3,041              | 2,943              | 1,435                    | 4,223,475           | 10.10                       | 426,859                          |
| 1995 ..... | 2,911              | 2,829              | 1,201                    | 3,398,437           | 10.90                       | 371,967                          |
| 1996 ..... | 1,967              | 1,934              | 1,470                    | 2,843,763           | 10.80                       | 309,057                          |
| 1997 ..... | 2,284              | 2,212              | 1,350                    | 2,985,700           | 11.00                       | 329,858                          |
| 1998 ..... | 2,953              | 2,897              | 1,549                    | 4,486,360           | 9.37                        | 423,775                          |
| 1999 ..... | 2,757              | 2,695              | 1,298                    | 3,497,820           | 6.33                        | 229,593                          |
| 2000 ..... | 2,248              | 2,116              | 1,375                    | 2,909,844           | 5.89                        | 175,306                          |
| 2001 ..... | 2,117              | 2,060              | 1,361                    | 2,803,704           | 9.07                        | 254,705                          |
| 2002 ..... | 2,126              | 1,806              | 1,144                    | 2,065,899           | 11.70                       | 242,322                          |
| 2003 ..... | 1,998              | 1,874              | 1,206                    | 2,259,666           | 11.00                       | 250,609                          |

<sup>1</sup> Estimates include all States except AK and HI. <sup>2</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Corps Branch, (202) 720-2127.

**Table 3-39.—Sunflower, non-oil varieties: Area, yield, production, and value, United States, 1994–2003<sup>1</sup>**

| Year       | Area planted       | Area harvested     | Yield per harvested acre | Production          | Price per cwt. <sup>2</sup> | Value of production <sup>2</sup> |
|------------|--------------------|--------------------|--------------------------|---------------------|-----------------------------|----------------------------------|
|            | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>            | <i>1,000 pounds</i> | <i>Dollars</i>              | <i>1,000 dollars</i>             |
| 1994 ..... | 526                | 487                | 1,257                    | 612,350             | 13.80                       | 85,888                           |
| 1995 ..... | 567                | 539                | 1,133                    | 610,895             | 14.10                       | 85,606                           |
| 1996 ..... | 569                | 545                | 1,313                    | 715,580             | 13.80                       | 105,785                          |
| 1997 ..... | 604                | 580                | 1,192                    | 691,252             | 14.30                       | 96,908                           |
| 1998 ..... | 615                | 595                | 1,322                    | 786,802             | 14.60                       | 113,196                          |
| 1999 ..... | 796                | 746                | 1,131                    | 844,042             | 13.40                       | 110,400                          |
| 2000 ..... | 592                | 531                | 1,195                    | 634,584             | 11.20                       | 71,563                           |
| 2001 ..... | 516                | 495                | 1,243                    | 615,055             | 11.60                       | 71,245                           |
| 2002 ..... | 455                | 361                | 1,067                    | 385,348             | 13.70                       | 57,316                           |
| 2003 ..... | 346                | 323                | 1,256                    | 405,560             | 15.20                       | 61,985                           |

<sup>1</sup> Estimates include all States except AK and HI. <sup>2</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720-2127.

**Table 3-40.—Sunflower: Area, yield, production, and value, by States, 2002–2003**

| Variety and State             | Area planted |                   | Area harvested |                   | Yield per harvested acre |                   |
|-------------------------------|--------------|-------------------|----------------|-------------------|--------------------------|-------------------|
|                               | 2002         | 2003 <sup>1</sup> | 2002           | 2003 <sup>1</sup> | 2002                     | 2003 <sup>1</sup> |
|                               | 1,000 acres  | 1,000 acres       | 1,000 acres    | 1,000 acres       | Pounds                   | Pounds            |
| <b>Oil:</b>                   |              |                   |                |                   |                          |                   |
| CO .....                      | 95           | 95                | 54             | 85                | 630                      | 1,000             |
| KS .....                      | 200          | 170               | 155            | 155               | 900                      | 1,160             |
| MN .....                      | 40           | 55                | 37             | 54                | 1,400                    | 1,650             |
| NE .....                      | 47           | 51                | 30             | 48                | 600                      | 900               |
| ND .....                      | 1,150        | 1,060             | 1,105          | 1,020             | 1,310                    | 1,300             |
| SD .....                      | 535          | 475               | 375            | 430               | 850                      | 1,000             |
| TX .....                      | 10           | 17                | 9              | 16                | 1,000                    | 1,400             |
| Other States <sup>2</sup> ... | 49           | 75                | 41             | 66                | 1,153                    | 1,275             |
| US .....                      | 2,126        | 1,998             | 1,806          | 1,874             | 1,144                    | 1,206             |
| <b>Non-oil:</b>               |              |                   |                |                   |                          |                   |
| CO .....                      | 35           | 35                | 16             | 33                | 990                      | 1,010             |
| KS .....                      | 15           | 23                | 13             | 21                | 970                      | 1,200             |
| MN .....                      | 30           | 35                | 27             | 34                | 1,150                    | 1,550             |
| NE .....                      | 13           | 15                | 11             | 14                | 700                      | 1,050             |
| ND .....                      | 220          | 150               | 210            | 145               | 1,200                    | 1,330             |
| SD .....                      | 105          | 30                | 55             | 25                | 750                      | 1,100             |
| TX .....                      | 25           | 42                | 20             | 40                | 800                      | 1,200             |
| Other States <sup>2</sup> ... | 12           | 16                | 9              | 11                | 989                      | 1,025             |
| US .....                      | 455          | 346               | 361            | 323               | 1,067                    | 1,256             |
| <b>Total:</b>                 |              |                   |                |                   |                          |                   |
| CO .....                      | 130          | 130               | 70             | 118               | 712                      | 1,003             |
| KS .....                      | 215          | 193               | 168            | 176               | 905                      | 1,165             |
| MN .....                      | 70           | 90                | 64             | 88                | 1,295                    | 1,611             |
| NE .....                      | 60           | 66                | 41             | 62                | 627                      | 934               |
| ND .....                      | 1,370        | 1,210             | 1,315          | 1,165             | 1,292                    | 1,304             |
| SD .....                      | 640          | 505               | 430            | 455               | 837                      | 1,005             |
| TX .....                      | 35           | 59                | 29             | 56                | 862                      | 1,257             |
| Other States <sup>2</sup> ... | 61           | 91                | 50             | 77                | 1,124                    | 1,240             |
| US .....                      | 2,581        | 2,344             | 2,167          | 2,197             | 1,131                    | 1,213             |

  

| Variety and State             | Production   |                   | Marketing year average price per cwt. <sup>3</sup> |                   | Value of production <sup>3</sup> |                   |
|-------------------------------|--------------|-------------------|--|-------------------|----------------------------------|-------------------|
|                               | 2002         | 2003 <sup>1</sup> | 2002   | 2003 <sup>1</sup> | 2002                             | 2003 <sup>1</sup> |
|                               | 1,000 pounds | 1,000 pounds      | Dollars  | Dollars           | 1,000 dollars                    | 1,000 dollars     |
| <b>Oil:</b>                   |              |                   |  |                   |                                  |                   |
| CO .....                      | 34,020       | 85,000            | 12.50  | 10.60             | 4,875                            | 9,010             |
| KS .....                      | 139,500      | 179,800           | 11.00  | 10.80             | 15,345                           | 19,418            |
| MN .....                      | 51,800       | 89,100            | 12.00  | 13.00             | 6,438                            | 11,583            |
| NE .....                      | 18,000       | 43,200            | 12.10  | 10.70             | 2,057                            | 4,622             |
| ND .....                      | 1,447,550    | 1,326,000         | 11.60  | 11.10             | 167,916                          | 147,186           |
| SD .....                      | 318,750      | 430,000           | 12.10  | 10.70             | 38,569                           | 46,010            |
| TX .....                      | 9,000        | 22,400            | 13.00  | 12.00             | 936                              | 2,688             |
| Other States <sup>2</sup> ... | 47,279       | 84,166            | 13.10  | 12.00             | 6,186                            | 10,092            |
| US .....                      | 2,065,899    | 2,259,666         | 11.70  | 11.00             | 242,322                          | 250,609           |
| <b>Non-oil:</b>               |              |                   |  |                   |                                  |                   |
| CO .....                      | 15,840       | 33,330            | 13.70  | 13.80             | 2,877                            | 4,600             |
| KS .....                      | 12,610       | 25,200            | 13.70  | 14.40             | 1,656                            | 3,629             |
| MN .....                      | 31,050       | 52,700            | 13.80  | 16.00             | 4,471                            | 8,432             |
| NE .....                      | 7,700        | 14,700            | 12.90  | 16.20             | 993                              | 2,381             |
| ND .....                      | 252,000      | 192,850           | 13.80  | 15.50             | 36,225                           | 29,892            |
| SD .....                      | 41,250       | 27,500            | 12.10  | 13.90             | 6,655                            | 3,823             |
| TX .....                      | 16,000       | 48,000            | 15.00  | 15.50             | 3,000                            | 7,440             |
| Other States <sup>2</sup> ... | 8,898        | 11,280            | 15.80  | 15.90             | 1,439                            | 1,788             |
| US .....                      | 385,348      | 405,560           | 13.70  | 15.20             | 57,316                           | 61,985            |
| <b>Total:</b>                 |              |                   |  |                   |                                  |                   |
| CO .....                      | 49,860       | 118,330           | 12.90  | 11.50             | 7,752                            | 13,610            |
| KS .....                      | 152,110      | 205,000           | 12.20  | 12.00             | 17,001                           | 23,047            |
| MN .....                      | 82,850       | 141,800           | 12.70  | 14.20             | 10,909                           | 20,015            |
| NE .....                      | 25,700       | 57,900            | 12.30  | 12.10             | 3,050                            | 7,003             |
| ND .....                      | 1,699,550    | 1,518,850         | 12.10  | 11.90             | 204,141                          | 177,078           |
| SD .....                      | 360,000      | 457,500           | 12.10  | 11.00             | 45,224                           | 49,833            |
| TX .....                      | 25,000       | 70,400            | 14.50  | 14.40             | 3,936                            | 10,128            |
| Other States <sup>2</sup> ... | 56,177       | 95,446            | 13.60  | 12.40             | 7,625                            | 11,880            |
| US .....                      | 2,451,247    | 2,665,226         | 12.10  | 11.80             | 299,638                          | 312,594           |

<sup>1</sup> Preliminary. <sup>2</sup> Other States include CA, GA, IL, LA, MI, MO, MT, NM, NY, OH, OK, PA, SC, UT, WA, WI, and WY. <sup>3</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

**Table 3-41.—Sunflowerseeds: Area, yield and production in specified countries, 2000/2001–2002/2003<sup>1</sup>**

| Continent and country            | Area <sup>2</sup> |                   |                            | Yield per hectare |                |                            | Production              |                         |                            |
|----------------------------------|-------------------|-------------------|----------------------------|-------------------|----------------|----------------------------|-------------------------|-------------------------|----------------------------|
|                                  | 2000/<br>2001     | 2001/<br>2002     | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001     | 2001/<br>2002  | 2002/<br>2003 <sup>3</sup> | 2000/<br>2001           | 2001/<br>2002           | 2002/<br>2003 <sup>3</sup> |
|                                  | 1,000<br>hectares | 1,000<br>hectares | 1,000 hec-<br>tares        | Metric<br>tons    | Metric<br>tons | Metric<br>tons             | 1,000<br>metric<br>tons | 1,000<br>metric<br>tons | 1,000 met-<br>ric tons     |
| <b>North America:</b>            |                   |                   |                            |                   |                |                            |                         |                         |                            |
| Canada .....                     | 69                | 63                | 95                         | 1.72              | 1.56           | 1.68                       | 119                     | 98                      | 160                        |
| Mexico .....                     | 1                 | 1                 | 1                          | 1.00              | 1.00           | 1.00                       | 1                       | 1                       | 1                          |
| United States .....              | 1,071             | 1,034             | 882                        | 1.50              | 1.50           | 1.28                       | 1,608                   | 1,551                   | 1,129                      |
| Total .....                      | 1,141             | 1,098             | 978                        | 1.51              | 1.50           | 1.32                       | 1,728                   | 1,650                   | 1,290                      |
| <b>South America:</b>            |                   |                   |                            |                   |                |                            |                         |                         |                            |
| Argentina .....                  | 1,886             | 2,015             | 2,350                      | 1.62              | 1.91           | 1.57                       | 3,050                   | 3,844                   | 3,700                      |
| Bolivia .....                    | 178               | 178               | 200                        | 0.97              | 0.97           | 0.95                       | 173                     | 173                     | 190                        |
| Brazil .....                     | 60                | 46                | 40                         | 1.50              | 1.33           | 1.30                       | 90                      | 61                      | 52                         |
| Paraguay .....                   | 30                | 30                | 30                         | 1.33              | 1.20           | 1.33                       | 40                      | 36                      | 40                         |
| Uruguay .....                    | 48                | 104               | 170                        | 1.19              | 1.44           | 1.38                       | 57                      | 150                     | 234                        |
| Total .....                      | 2,202             | 2,373             | 2,790                      | 1.55              | 1.80           | 1.51                       | 3,410                   | 4,264                   | 4,216                      |
| <b>European Union:</b>           |                   |                   |                            |                   |                |                            |                         |                         |                            |
| Austria .....                    | 21                | 20                | 19                         | 2.48              | 2.50           | 2.74                       | 52                      | 50                      | 52                         |
| France .....                     | 710               | 706               | 614                        | 2.55              | 2.24           | 2.44                       | 1,813                   | 1,581                   | 1,496                      |
| Germany .....                    | 26                | 25                | 26                         | 2.46              | 2.16           | 2.00                       | 64                      | 54                      | 52                         |
| Greece .....                     | 28                | 19                | 17                         | 1.11              | 1.11           | 1.41                       | 31                      | 21                      | 24                         |
| Italy .....                      | 217               | 208               | 167                        | 2.12              | 1.98           | 2.10                       | 461                     | 411                     | 351                        |
| Portugal .....                   | 48                | 43                | 37                         | 0.60              | 0.67           | 0.54                       | 29                      | 29                      | 20                         |
| Spain .....                      | 835               | 858               | 754                        | 1.02              | 1.02           | 1.00                       | 848                     | 871                     | 757                        |
| Total .....                      | 1,885             | 1,879             | 1,634                      | 1.75              | 1.61           | 1.68                       | 3,298                   | 3,017                   | 2,752                      |
| <b>EU Accession Countries:</b>   |                   |                   |                            |                   |                |                            |                         |                         |                            |
| Czech Republic .....             | 31                | 30                | 24                         | 2.10              | 2.17           | 2.21                       | 65                      | 65                      | 53                         |
| Hungary .....                    | 300               | 400               | 415                        | 1.67              | 1.63           | 1.88                       | 500                     | 650                     | 779                        |
| Slovakia .....                   | 69                | 63                | 64                         | 1.70              | 1.87           | 1.88                       | 117                     | 118                     | 120                        |
| Total .....                      | 400               | 493               | 503                        | 1.71              | 1.69           | 1.89                       | 682                     | 833                     | 952                        |
| <b>Other Europe:</b>             |                   |                   |                            |                   |                |                            |                         |                         |                            |
| Bulgaria .....                   | 450               | 398               | 400                        | 0.93              | 0.98           | 1.30                       | 420                     | 392                     | 520                        |
| Croatia .....                    | 26                | 25                | 25                         | 2.08              | 1.72           | 2.20                       | 54                      | 43                      | 55                         |
| Macedonia (Skopje) .....         | 10                | 10                | 10                         | 1.00              | 1.20           | 1.10                       | 10                      | 12                      | 11                         |
| Romania .....                    | 822               | 790               | 880                        | 0.87              | 0.94           | 1.01                       | 717                     | 744                     | 890                        |
| Serbia and Montenegro .....      | 146               | 170               | 170                        | 1.48              | 1.65           | 1.65                       | 216                     | 280                     | 280                        |
| Total .....                      | 1,454             | 1,393             | 1,485                      | 0.97              | 1.06           | 1.18                       | 1,417                   | 1,471                   | 1,756                      |
| <b>Frm. USSR (non-Baltics):</b>  |                   |                   |                            |                   |                |                            |                         |                         |                            |
| Kazakhstan .....                 | 262               | 255               | 260                        | 0.40              | 0.58           | 0.50                       | 105                     | 149                     | 130                        |
| Moldova .....                    | 228               | 208               | 256                        | 1.18              | 1.23           | 1.55                       | 268                     | 255                     | 397                        |
| Russian Federation .....         | 4,350             | 3,420             | 3,798                      | 0.90              | 0.78           | 0.97                       | 3,915                   | 2,670                   | 3,685                      |
| Ukraine .....                    | 2,842             | 2,396             | 2,720                      | 1.22              | 0.94           | 1.20                       | 3,457                   | 2,251                   | 3,270                      |
| Total <sup>4</sup> .....         | 7,682             | 6,279             | 7,034                      | 1.01              | 0.85           | 1.06                       | 7,745                   | 5,325                   | 7,482                      |
| <b>Middle East:</b>              |                   |                   |                            |                   |                |                            |                         |                         |                            |
| Iran .....                       | 78                | 78                | 78                         | 0.51              | 0.51           | 0.51                       | 40                      | 40                      | 40                         |
| Israel .....                     | 11                | 10                | 15                         | 1.64              | 2.00           | 1.33                       | 18                      | 20                      | 20                         |
| Turkey .....                     | 540               | 480               | 550                        | 1.06              | 1.08           | 1.49                       | 575                     | 520                     | 820                        |
| Total .....                      | 629               | 568               | 643                        | 1.01              | 1.02           | 1.37                       | 633                     | 580                     | 880                        |
| <b>Africa:</b>                   |                   |                   |                            |                   |                |                            |                         |                         |                            |
| Egypt .....                      | 1                 | 2                 | 2                          | 2.00              | 2.00           | 1.50                       | 2                       | 4                       | 3                          |
| Morocco .....                    | 40                | 61                | 61                         | 0.48              | 0.41           | 0.41                       | 19                      | 25                      | 25                         |
| South Africa, Republic of .....  | 520               | 668               | 628                        | 1.28              | 1.39           | 1.13                       | 664                     | 930                     | 710                        |
| Total .....                      | 561               | 731               | 691                        | 1.22              | 1.31           | 1.07                       | 685                     | 959                     | 738                        |
| <b>Asia and the Middle East:</b> |                   |                   |                            |                   |                |                            |                         |                         |                            |
| Burma .....                      | 450               | 500               | 500                        | 0.36              | 0.54           | 0.54                       | 160                     | 270                     | 270                        |
| China, Peoples Republic of ..... | 1,229             | 1,016             | 1,200                      | 1.59              | 1.45           | 1.55                       | 1,954                   | 1,478                   | 1,860                      |
| India .....                      | 2,200             | 2,400             | 2,700                      | 0.57              | 0.60           | 0.60                       | 1,250                   | 1,450                   | 1,625                      |
| Pakistan .....                   | 114               | 38                | 65                         | 1.32              | 1.21           | 1.18                       | 150                     | 46                      | 77                         |
| Total .....                      | 3,993             | 3,954             | 4,465                      | 0.88              | 0.82           | 0.86                       | 3,514                   | 3,244                   | 3,832                      |
| <b>Oceania:</b>                  |                   |                   |                            |                   |                |                            |                         |                         |                            |
| Australia .....                  | 69                | 65                | 55                         | 1.01              | 0.97           | 0.98                       | 70                      | 63                      | 54                         |
| World total <sup>4</sup> .....   | 20,016            | 18,833            | 20,278                     | 1.16              | 1.14           | 1.18                       | 23,182                  | 21,406                  | 23,952                     |

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary. <sup>4</sup> Regional totals include other countries not shown. World total for all countries in USDA data base.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 3-42.—Peppermint oil: Area, yield, production, and value, United States, 1994–2003**

| Year                    | Area harvested     | Yield per harvested acre | Production          | Price per pound <sup>1</sup> | Value of production <sup>1</sup> |
|-------------------------|--------------------|--------------------------|---------------------|------------------------------|----------------------------------|
|                         | <i>1,000 acres</i> | <i>Pounds</i>            | <i>1,000 pounds</i> | <i>Dollars</i>               | <i>1,000 dollars</i>             |
| 1994 .....              | 108.5              | 69                       | 7,459               | 14.60                        | 109,255                          |
| 1995 .....              | 135.3              | 70                       | 9,449               | 13.80                        | 130,048                          |
| 1996 .....              | 132.0              | 72                       | 9,446               | 13.60                        | 128,778                          |
| 1997 .....              | 135.6              | 74                       | 9,971               | 12.90                        | 128,846                          |
| 1998 .....              | 124.0              | 78                       | 9,727               | 11.90                        | 116,037                          |
| 1999 .....              | 106.3              | 71                       | 7,537               | 10.70                        | 80,951                           |
| 2000 .....              | 88.5               | 78                       | 6,877               | 10.80                        | 76,277                           |
| 2001 .....              | 79.5               | 82                       | 6,512               | 10.90                        | 68,964                           |
| 2002 .....              | 78.5               | 89                       | 6,958               | 11.90                        | 80,871                           |
| 2003 <sup>2</sup> ..... | 78.2               | 89                       | 6,924               | 12.00                        | 83,062                           |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.  
 NASS, Crops Branch (202), 720-2127.

**Table 3-43.—Spearmint oil: Area, yield, production, and value, United States, 1994–2003**

| Year                    | Area harvested     | Yield per harvested acre | Production          | Price per pound <sup>1</sup> | Value of production <sup>1</sup> |
|-------------------------|--------------------|--------------------------|---------------------|------------------------------|----------------------------------|
|                         | <i>1,000 acres</i> | <i>Pounds</i>            | <i>1,000 pounds</i> | <i>Dollars</i>               | <i>1,000 dollars</i>             |
| 1994 .....              | 28.4               | 78                       | 2,213               | 12.50                        | 27,592                           |
| 1995 .....              | 28.8               | 79                       | 2,274               | 12.30                        | 27,858                           |
| 1996 .....              | 23.1               | 94                       | 2,167               | 12.00                        | 26,094                           |
| 1997 .....              | 25.5               | 96                       | 2,441               | 11.90                        | 29,128                           |
| 1998 .....              | 27.4               | 109                      | 2,987               | 11.00                        | 32,731                           |
| 1999 .....              | 24.4               | 101                      | 2,454               | 9.70                         | 23,925                           |
| 2000 .....              | 21.7               | 101                      | 2,199               | 9.06                         | 19,919                           |
| 2001 .....              | 19.5               | 105                      | 2,052               | 9.10                         | 18,645                           |
| 2002 .....              | 18.4               | 109                      | 2,010               | 9.12                         | 17,705                           |
| 2003 <sup>2</sup> ..... | 15.8               | 113                      | 1,778               | 9.50                         | 16,888                           |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 3-44.—Mint oil: Production and value, by States, 2001–2003**

| State              | Production          |                     |                     | Price per pound <sup>1</sup> |                 |                   | Value of production <sup>1</sup> |                      |                      |
|--------------------|---------------------|---------------------|---------------------|------------------------------|-----------------|-------------------|----------------------------------|----------------------|----------------------|
|                    | 2001                | 2002                | 2003 <sup>2</sup>   | 2001                         | 2002            | 2003 <sup>2</sup> | 2001                             | 2002                 | 2003 <sup>2</sup>    |
|                    | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>Dol-lars</i>              | <i>Dol-lars</i> | <i>Dol-lars</i>   | <i>1,000 dollars</i>             | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| <b>Peppermint:</b> |                     |                     |                     |                              |                 |                   |                                  |                      |                      |
| ID .....           | 1,104               | 1,196               | 1,330               | 10.70                        | 12.00           | 11.90             | 13,782                           | 18,360               | 15,827               |
| IN .....           | 490                 | 414                 | 495                 | 10.30                        | 10.70           | 11.10             | 5,047                            | 4,430                | 5,495                |
| MI .....           | 50                  | 40                  | 44                  | 9.90                         | 10.00           | 11.00             | 495                              | 500                  | 484                  |
| OR .....           | 2,349               | 2,321               | 2,375               | 11.80                        | 13.00           | 13.10             | 25,771                           | 27,456               | 31,113               |
| WA .....           | 2,209               | 2,675               | 2,524               | 10.20                        | 11.20           | 11.30             | 20,614                           | 26,880               | 28,521               |
| WI .....           | 310                 | 312                 | 156                 | 10.50                        | 10.40           | 10.40             | 3,255                            | 3,245                | 1,622                |
| US .....           | 6,512               | 6,958               | 6,924               | 10.90                        | 11.90           | 12.00             | 68,964                           | 80,871               | 83,062               |
| <b>Spearmint:</b>  |                     |                     |                     |                              |                 |                   |                                  |                      |                      |
| ID .....           | 95                  | 88                  | 84                  | 8.40                         | 8.50            | 9.50              | 798                              | 748                  | 798                  |
| IN .....           | 96                  | 84                  | 76                  | 10.10                        | 9.00            | 9.90              | 970                              | 756                  | 752                  |
| MI .....           | 85                  | 80                  | 64                  | 9.80                         | 9.00            | 9.50              | 833                              | 765                  | 608                  |
| OR .....           | 132                 | 181                 | 126                 | 9.00                         | 8.85            | 9.50              | 1,188                            | 1,053                | 1,197                |
| WA .....           | 1,484               | 1,445               | 1,343               | 8.90                         | 9.20            | 9.50              | 13,208                           | 13,294               | 12,759               |
| WI .....           | 160                 | 132                 | 85                  | 10.30                        | 9.00            | 9.10              | 1,648                            | 1,089                | 774                  |
| US .....           | 2,052               | 2,010               | 1,778               | 9.10                         | 9.12            | 9.50              | 18,645                           | 17,705               | 16,888               |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 3-45.—Olive oil: World production, 1999–2001<sup>1 2</sup>**

| Continent and country          | 1999                     | 2000                     | 2001 <sup>3</sup>        |
|--------------------------------|--------------------------|--------------------------|--------------------------|
|                                | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| European Union                 | 1,868                    | 2,399                    | 1,749                    |
| Middle East:                   |                          |                          |                          |
| Israel .....                   | 20                       | 20                       | 20                       |
| Jordan .....                   | 16                       | 9                        | 10                       |
| Lebanon .....                  | 9                        | 9                        | 9                        |
| Syria .....                    | 170                      | 105                      | 100                      |
| Turkey .....                   | 190                      | 65                       | 80                       |
| Total <sup>4</sup> .....       | 405                      | 208                      | 219                      |
| Africa:                        |                          |                          |                          |
| Algeria .....                  | 30                       | 45                       | 45                       |
| Morocco .....                  | 36                       | 50                       | 50                       |
| Tunisia .....                  | 135                      | 70                       | 90                       |
| Libya .....                    | 7                        | 9                        | 9                        |
| Total <sup>4</sup> .....       | 208                      | 174                      | 194                      |
| World total <sup>4</sup> ..... | 2,481                    | 2,781                    | 2,162                    |

<sup>1</sup>Marketing year begins November 1. <sup>2</sup>Production excludes residue oil. <sup>3</sup>Preliminary. <sup>4</sup>Includes other countries not listed separately.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-9516. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, AttacheAE1s, and Foreign Service Officers, results of office research, and related information.

**Table 3-46.—Margarine, actual weight: Supply and disposition, United States, 1992–2001**

| Year       | Supply                |                       |                       | Disposition           |                        |               |
|------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|---------------|
|            | Production            | Stocks, Jan. 1        | Total supply          | Exports               | Domestic disappearance |               |
|            |                       |                       |                       |                       | Total                  | Per capita    |
|            | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i>  | <i>Pounds</i> |
| 1992 ..... | 2,818                 | 91                    | 2,909                 | 13                    | 2,821                  | 11.0          |
| 1993 ..... | 2,892                 | 75                    | 2,969                 | 15                    | 2,887                  | 11.1          |
| 1994 ..... | 2,623                 | 66                    | 2,693                 | 21                    | 2,610                  | 9.9           |
| 1995 ..... | 2,490                 | 62                    | 2,557                 | 36                    | 2,463                  | 9.3           |
| 1996 ..... | 2,480                 | 58                    | 2,544                 | 29                    | 2,471                  | 9.2           |
| 1997 ..... | 2,367                 | 44                    | 2,417                 | 29                    | 2,344                  | 8.6           |
| 1998 ..... | 2,311                 | 44                    | 2,363                 | 32                    | 2,297                  | 8.3           |
| 1999 ..... | 2,274                 | 35                    | 2,319                 | 36                    | 2,241                  | 8.0           |
| 2000 ..... | 2,398                 | 42                    | 2,453                 | 31                    | 2,353                  | 8.3           |
| 2001 ..... | NA                    | 69                    | NA                    | 31                    | NA                     | NA            |

ERS, Field Crops Branch. (202) 694-5300. Totals and per capita estimates computed from unrounded numbers.

**Table 3-47.—Margarine: Selected reported fats and oils used in manufacture, United States, 1992–2001**

| Year       | Vegetable oils        |                       |                       | Animal fats <sup>1</sup> | Total <sup>2</sup>    |
|------------|-----------------------|-----------------------|-----------------------|--------------------------|-----------------------|
|            | Soybean oil           | Cottonseed oil        | Corn oil              |                          |                       |
|            | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i>    | <i>Million pounds</i> |
| 1992 ..... | 1,926                 | 24                    | 176                   | 37                       | 2,174                 |
| 1993 ..... | 2,013                 | 26                    | 161                   | 31                       | 2,239                 |
| 1994 ..... | 1,793                 | NA                    | NA                    | 42                       | 2,003                 |
| 1995 ..... | 1,684                 | NA                    | NA                    | 41                       | 1,847                 |
| 1996 ..... | 1,694                 | NA                    | 77                    | 28                       | 1,816                 |
| 1997 ..... | 1,650                 | NA                    | 61                    | 14                       | 1,733                 |
| 1998 ..... | 1,606                 | NA                    | 55                    | 22                       | 1,692                 |
| 1999 ..... | 1,574                 | NA                    | NA                    | 21                       | 1,664                 |
| 2000 ..... | 1,456                 | NA                    | 56                    | 12                       | 1,547                 |
| 2001 ..... | 1,298                 | NA                    | NA                    | 7                        | 1,394                 |

<sup>1</sup>Lard and edible tallow. <sup>2</sup>Includes small quantities of nuts, coconut, palm, and sunflower oil. NA-not available.

ERS, Field Crops Branch, (202) 694-5300. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

**Table 3-48.—Shortening: Supply and disposition, United States, 1992–2001**

| Year       | Supply                               |                       |                       | Disposition           |                        |               |
|------------|--------------------------------------|-----------------------|-----------------------|-----------------------|------------------------|---------------|
|            | Factory and warehouse stocks, Jan. 1 | Production            | Total supply          | Exports and shipments | Domestic disappearance |               |
|            |                                      |                       |                       |                       | Total                  | Per capita    |
|            | <i>Million pounds</i>                | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i>  | <i>Pounds</i> |
| 1992 ..... | 147                                  | 5,719                 | 5,866                 | 43                    | 5,764                  | 22.4          |
| 1993 ..... | 102                                  | 6,524                 | 6,626                 | 45                    | 6,532                  | 25.0          |
| 1994 ..... | 94                                   | 6,334                 | 6,427                 | 44                    | 6,337                  | 24.0          |
| 1995 ..... | 90                                   | 5,975                 | 6,065                 | 45                    | 5,959                  | 22.3          |
| 1996 ..... | 106                                  | 5,929                 | 6,035                 | 43                    | 5,954                  | 22.0          |
| 1997 ..... | 81                                   | 5,656                 | 5,737                 | 42                    | 5,646                  | 20.6          |
| 1998 ..... | 91                                   | 5,724                 | 5,815                 | 54                    | 5,723                  | 20.6          |
| 1999 ..... | 92                                   | 5,945                 | 6,037                 | 65                    | 5,951                  | 21.1          |
| 2000 ..... | 86                                   | 6,593                 | 6,680                 | 69                    | 6,551                  | 23.1          |
| 2001 ..... | 129                                  | NA                    | NA                    | 83                    | NA                     | NA            |

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694–5300. Compiled from reports of the Commerce and Agriculture Departments.

**Table 3-49.—Shortening: Fats and oils used in manufacture, United States, 1992–2001**

| Year                    | Vegetable oils |             |                  |                  | Animal fats      |                  | Total primary and secondary fats and oils <sup>1</sup> |
|-------------------------|----------------|-------------|------------------|------------------|------------------|------------------|--|
|                         | Cottonseed oil | Soybean oil | Coconut oil      | Palm oil         | Lard             | Edible tallow    |  |
|                         |                |             |                  |                  |                  |                  |  |
| 1992 .....              | 241            | 4,140       | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 310              | 427              | 5,761  |
| 1993 .....              | 266            | 4,951       | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 296              | 404              | 6,544  |
| 1994 .....              | 216            | 4,929       | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 287              | 405              | 6,365  |
| 1995 .....              | 212            | 4,673       | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 325              | 374              | 6,031  |
| 1996 .....              | 237            | 4,690       | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 284              | 320              | 5,935  |
| 1997 .....              | 256            | 4,517       | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 272              | 312              | 5,679  |
| 1998 .....              | 200            | 4,748       | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 280              | 259              | 5,749  |
| 1999 .....              | 167            | 5,069       | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 241              | 262              | 5,968  |
| 2000 .....              | 188            | 7,908       | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 283              | 9,023  |
| 2001 <sup>3</sup> ..... | 185            | 8,234       | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 9,405  |

<sup>1</sup> Includes small quantities of corn, peanut, safflower, and sunflower oil. <sup>2</sup> Not included to avoid disclosure. <sup>3</sup> Preliminary.

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694–5300. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

**Table 3-50.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1992–2001**

| Year       | Supply                |                       |                       |                       | Disposition           |                       |              | Price of inedible tallow No. 1 at Chicago, per pound |
|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------|--|
|            | Stocks Jan. 1         | Production            | Total                 | Exports               | Factory consumption   |                       |              |  |
|            |                       |                       |                       |                       | Total                 | Use in soap           | Use in feed  |  |
|            | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Cents</i> |  |
| 1992 ..... | 349                   | 5,768                 | 6,117                 | 2,285                 | 3,050                 | 334                   | 1,954        | 14.4   |
| 1993 ..... | 309                   | 6,621                 | 6,930                 | 2,125                 | 3,018                 | 300                   | 1,995        | 14.9   |
| 1994 ..... | 320                   | 6,712                 | 7,032                 | 2,176                 | 3,190                 | 301                   | 2,102        | 17.4   |
| 1995 ..... | 348                   | 6,745                 | 7,093                 | 2,683                 | 3,223                 | 264                   | 2,167        | 19.2   |
| 1996 ..... | 373                   | 6,376                 | 6,749                 | 2,004                 | 3,289                 | 245                   | 2,253        | 21.7   |
| 1997 ..... | 266                   | 6,249                 | 6,516                 | 1,689                 | 3,399                 | 245                   | 2,401        | 20.7   |
| 1998 ..... | 339                   | 6,575                 | 6,914                 | 2,300                 | 3,442                 | 228                   | 2,452        | 17.7   |
| 1999 ..... | 437                   | 7,076                 | 7,513                 | 1,940                 | 3,728                 | 229                   | 2,751        | 13.00  |
| 2000 ..... | 405                   | 7,149                 | 7,554                 | 1,745                 | 3,662                 | 148                   | 2,756        | 10.18  |
| 2001 ..... | 331                   | 5,931                 | 6,261                 | 1,348                 | 3,030                 | ( <sup>2</sup> )      | 2,187        | 12.4   |

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694–5300.

**Table 3-51.—Fats, oils, and oilseeds (fat or oil equivalent): World production, 1999–2000/2002–2003**

| Commodity                             | World production <sup>1</sup> |                   |                   |                        |
|---------------------------------------|-------------------------------|-------------------|-------------------|------------------------|
|                                       | 1999–2000                     | 2000–2001         | 2001–2002         | 2002–2003 <sup>2</sup> |
|                                       | 1,000 metric tons             | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons      |
| <b>Edible vegetable oils:</b>         |                               |                   |                   |                        |
| Cottonseed .....                      | 3,554                         | 3,499             | 3,815             | 3,484                  |
| Olive <sup>3</sup> .....              | 2,368                         | 2,481             | 2,781             | 2,162                  |
| Peanut .....                          | 4,219                         | 4,337             | 4,877             | 4,343                  |
| Rapeseed .....                        | 13,698                        | 13,032            | 12,677            | 11,748                 |
| Soybean .....                         | 24,639                        | 26,748            | 28,867            | 30,573                 |
| Sunflower .....                       | 9,647                         | 8,466             | 7,614             | 8,326                  |
| <b>Total .....</b>                    | <b>58,125</b>                 | <b>58,563</b>     | <b>60,631</b>     | <b>60,636</b>          |
| <b>Tropical oils:</b>                 |                               |                   |                   |                        |
| Coconut .....                         | 3,344                         | 3,641             | 3,233             | 3,174                  |
| Palm .....                            | 21,802                        | 24,283            | 25,418            | 27,213                 |
| Palm kernel .....                     | 2,793                         | 3,057             | 3,119             | 3,292                  |
| <b>Total .....</b>                    | <b>27,939</b>                 | <b>30,981</b>     | <b>31,770</b>     | <b>33,679</b>          |
| <b>Animal fats:</b>                   |                               |                   |                   |                        |
| Butter (fat content) .....            | 5,513                         | 5,688             | 6,015             | 6,426                  |
| Tallow and grease .....               | 8,584                         | 8,312             | 0                 | 0                      |
| <b>Total .....</b>                    | <b>14,097</b>                 | <b>14,000</b>     | <b>6,015</b>      | <b>6,426</b>           |
| <b>Grand total <sup>4</sup> .....</b> | <b>100,161</b>                | <b>103,544</b>    | <b>98,416</b>     | <b>100,611</b>         |

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. <sup>2</sup> Preliminary. <sup>3</sup> Excludes olive residue oil. <sup>4</sup> Excludes linseed oil.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9516. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 3-52.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1993–2002**

| Year beginning January  | Lard        | Inedible animal tallow, greases, and oils <sup>1</sup> | Oilseeds    |             |                   |                 |             | Oilseed cake and meal |                    |
|-------------------------|-------------|--|-------------|-------------|-------------------|-----------------|-------------|-----------------------|--------------------|
|                         |             |  | Cottonseed  | Flaxseed    | Peanuts unshelled | Peanuts shelled | Soybeans    | Soybean               | Other <sup>4</sup> |
|                         | Metric tons | Metric tons  | Metric tons | Metric tons | Metric tons       | Metric tons     | Metric tons | Metric tons           | Metric tons        |
| 1993 .....              | 51,922      | 1,277,797  | 126,394     | 3,421       | 56,534            | 216,294         | 19,213,704  |                       |                    |
| 1994 .....              | 62,122      | 1,343,096  | 188,321     | 3,387       | 33,244            | 169,221         | 18,080,877  |                       |                    |
| 1995 .....              | 56,260      | 1,616,550  | 147,600     | 2,317       | 44,529            | 285,530         | 22,757,454  |                       |                    |
| 1996 .....              | 45,690      | 1,192,335  | 83,078      | 2,890       | 30,005            | 208,733         | 25,565,559  |                       |                    |
| 1997 .....              | 53,729      | 1,032,246  | 114,804     | 5,319       | 41,245            | 225,640         | 26,206,065  |                       |                    |
| 1998 .....              | 59,412      | 1,363,415  | 127,554     | 10,987      | 27,718            | 182,324         | 20,302,984  |                       |                    |
| 1999 .....              | 66,867      | 1,238,001  | 117,406     | 3,167       | 22,708            | 184,388         | 23,141,059  |                       |                    |
| 2000 .....              | 78,930      | 1,108,129  | 194,780     | 27,282      | 23,963            | 229,715         | 26,985,945  |                       |                    |
| 2001 .....              | 46,869      | 964,642  | 245,418     | 60,733      | 13,843            | 144,563         | 28,723,781  |                       |                    |
| 2002 <sup>2</sup> ..... | 38,202      | 1,286,452  | 301,984     | 75,461      | 17,394            | 235,593         | 27,674,537  |                       |                    |

  

| Year beginning January  | Vegetable oils |             |                             |             |             |             |                          | Oilseed cake and meal |                    |
|-------------------------|----------------|-------------|-----------------------------|-------------|-------------|-------------|--------------------------|-----------------------|--------------------|
|                         | Cocoa butter   | Coconut oil | Cottonseed oil <sup>3</sup> | Linseed oil | Margarine   | Peanut oil  | Soybean oil <sup>3</sup> | Soybean               | Other <sup>4</sup> |
|                         | Metric tons    | Metric tons | Metric tons                 | Metric tons | Metric tons | Metric tons | Metric tons              | Metric tons           | Metric tons        |
| 1993 .....              | 4,296          | 6,363       | 83,087                      | 3,799       | 6,978       | 23,984      | 705,561                  | 5,500,814             | 811,855            |
| 1994 .....              | 2,139          | 8,495       | 135,639                     | 5,373       | 9,350       | 27,027      | 824,169                  | 4,850,754             | 555,557            |
| 1995 .....              | 2,972          | 9,090       | 137,693                     | 15,422      | 17,080      | 47,741      | 1,037,306                | 5,858,626             | 511,125            |
| 1996 .....              | 2,862          | 3,987       | 96,014                      | 14,925      | 13,015      | 37,300      | 571,209                  | 5,861,575             | 195,306            |
| 1997 .....              | 3,886          | 5,170       | 110,575                     | 34,691      | 13,210      | 8,818       | 1,015,356                | 6,992,801             | 187,401            |
| 1998 .....              | 5,606          | 3,799       | 86,902                      | 29,237      | 14,326      | 4,183       | 1,463,885                | 8,034,793             | 167,932            |
| 1999 .....              | 5,566          | 4,276       | 56,973                      | 28,373      | 16,090      | 5,806       | 845,206                  | 6,566,824             | 218,166            |
| 2000 .....              | 9,313          | 5,636       | 58,484                      | 33,390      | 14,059      | 5,515       | 595,409                  | 6,263,048             | 160,176            |
| 2001 .....              | 17,506         | 4,394       | 64,573                      | 28,575      | 14,171      | 6,490       | 688,336                  | 7,146,543             | 260,923            |
| 2002 <sup>2</sup> ..... | 15,095         | 3,309       | 63,210                      | 44,445      | 12,471      | 3,653       | 1,134,299                | 6,473,276             | 190,521            |

<sup>1</sup> Includes edible and inedible tallow, choice white grease, wool grease, yellow grease, edible and inedible oleo and oleo stearine, and animal oils, fats and oils, n.e.c. <sup>2</sup> Preliminary. <sup>3</sup> Includes shipments under PL480. <sup>4</sup> Includes corn meal.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–5710. Compiled from reports of the U.S. Department of Commerce.

**Table 3-53.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1993–2002**

| Year beginning January  | Oilseeds           |                    |                    |                    |                              |                    |
|-------------------------|--------------------|--------------------|--------------------|--------------------|------------------------------|--------------------|
|                         | Castor beans       | Copra              | Flaxseed           | Peanuts unshelled  | Peanuts shelled <sup>1</sup> | Poppy seed         |
|                         | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>           | <i>Metric tons</i> |
| 1993 .....              | 417                | 396                | 110,655            | 0                  | 651                          | 5,162              |
| 1994 .....              | 5                  | 1,515              | 143,079            | 2,633              | 1,296                        | 5,618              |
| 1995 .....              | 0                  | 1,387              | 186,153            | 1,628              | 32,901                       | 6,122              |
| 1996 .....              | 2                  | 1,023              | 202,313            | 2,986              | 38,051                       | 6,243              |
| 1997 .....              | 0                  | 1,170              | 223,519            | 3,176              | 41,272                       | 5,238              |
| 1998 .....              | 0                  | 1,367              | 171,093            | 2,686              | 46,792                       | 5,865              |
| 1999 .....              | 0                  | 605                | 182,859            | 2,413              | 50,225                       | 6,192              |
| 2000 .....              | 0                  | 1,008              | 122,330            | 2,423              | 59,682                       | 5,300              |
| 2001 .....              | 0                  | 879                | 49,667             | 3,458              | 66,022                       | 4,742              |
| 2002 <sup>2</sup> ..... | 0                  | 19                 | 60,231             | 26                 | 67,919                       | 5,431              |

  

| Year beginning January  | Oilseeds—continued |                    |                    | Vegetable oils     |                    |                    |                    |
|-------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                         | Rapeseed           | Sesame seed        | Soybeans           | Cocoa butter       | Castor oil         | Coconut oil        | Linseed oil        |
|                         | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| 1993 .....              | 162,093            | 36,924             | 97,361             | 83,399             | 42,215             | 443,496            | 160                |
| 1994 .....              | 409,500            | 40,516             | 179,270            | 54,547             | 44,109             | 441,332            | 427                |
| 1995 .....              | 200,054            | 39,356             | 130,141            | 57,158             | 41,417             | 491,151            | 1,744              |
| 1996 .....              | 261,348            | 46,563             | 86,981             | 68,762             | 39,938             | 423,189            | 2,699              |
| 1997 .....              | 318,249            | 42,629             | 258,602            | 87,689             | 41,025             | 589,192            | 3,102              |
| 1998 .....              | 350,469            | 47,437             | 148,780            | 65,307             | 48,477             | 587,062            | 4,306              |
| 1999 .....              | 210,262            | 42,214             | 84,263             | 80,587             | 46,671             | 308,902            | 5,635              |
| 2000 .....              | 241,585            | 49,042             | 110,451            | 94,629             | 40,739             | 477,466            | 6,102              |
| 2001 .....              | 237,426            | 49,072             | 93,686             | 80,746             | 45,395             | 477,278            | 4,478              |
| 2002 <sup>2</sup> ..... | 151,022            | 46,299             | 82,750             | 54,788             | 32,399             | 475,010            | 5,809              |

  

| Year beginning January  | Vegetable oils—continued |                    |                    |                    |                    |                    | Total oilseed cake and meal |
|-------------------------|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------|
|                         | Olive oil                | Palm oil           | Palm kernel oil    | Peanut oil         | Rapeseed oil       | Tung oil           |                             |
|                         | <i>Metric tons</i>       | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>          |
| 1993 .....              | 121,248                  | 129,371            | 119,075            | 200                | 395,310            | 4,270              | 692,255                     |
| 1994 .....              | 126,024                  | 160,827            | 141,372            | 5,281              | 425,533            | 5,401              | 783,569                     |
| 1995 .....              | 122,270                  | 101,621            | 121,949            | 3,165              | 430,648            | 4,427              | 831,047                     |
| 1996 .....              | 112,778                  | 125,383            | 148,719            | 1,639              | 522,183            | 3,943              | 999,513                     |
| 1997 .....              | 163,469                  | 134,519            | 161,706            | 6,648              | 491,083            | 6,265              | 1,071,926                   |
| 1998 .....              | 164,972                  | 115,871            | 149,305            | 30,336             | 499,574            | 3,879              | 1,293,373                   |
| 1999 .....              | 162,733                  | 138,864            | 208,145            | 9,633              | 523,219            | 5,822              | 1,130,363                   |
| 2000 .....              | 203,960                  | 165,606            | 167,756            | 19,548             | 533,485            | 3,554              | 1,252,473                   |
| 2001 .....              | 211,893                  | 174,054            | 150,366            | 32,789             | 539,796            | 11,430             | 1,074,434                   |
| 2002 <sup>2</sup> ..... | 221,517                  | 215,541            | 171,723            | 31,123             | 485,579            | 4,165              | 1,008,824                   |

<sup>1</sup> Includes blanched or roasted peanuts. <sup>2</sup> Preliminary.  
 FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-5710. Compiled from reports of the U.S. Department of Commerce.



**Table 3-54.—Animal tallow, greases, and oils: <sup>1</sup> United States exports by region and country of destination 1998–2002**

| Continent and country          | 1998               | 1999               | 2000               | 2001               | 2002 <sup>2</sup>  |
|--------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| Mexico .....                   | 348,265            | 282,363            | 284,168            | 319,082            | 382,069            |
| Turkey .....                   | 110,598            | 102,593            | 117,073            | 88,399             | 136,265            |
| European Union .....           | 128,856            | 92,194             | 79,547             | 80,063             | 34,226             |
| Canada .....                   | 61,997             | 68,948             | 58,792             | 62,866             | 64,002             |
| Dominican Republic .....       | 36,053             | 44,929             | 48,445             | 57,137             | 55,027             |
| Guatemala .....                | 55,083             | 65,209             | 55,973             | 56,807             | 60,147             |
| Venezuela .....                | 57,655             | 38,113             | 52,947             | 46,969             | 86,848             |
| Colombia .....                 | 61,081             | 58,813             | 21,869             | 33,304             | 40,710             |
| Japan .....                    | 36,763             | 42,338             | 34,764             | 31,925             | 27,568             |
| Nigeria .....                  | 7,298              | 26,853             | 30,500             | 25,539             | 47,283             |
| Korea, Republic .....          | 57,010             | 107,967            | 74,371             | 25,002             | 53,927             |
| El Salvador .....              | 37,850             | 43,258             | 40,671             | 22,988             | 46,226             |
| Russian Federation .....       | 4,591              | 26,652             | 16,818             | 21,319             | 12,804             |
| Honduras .....                 | 22,979             | 24,802             | 21,802             | 17,249             | 39,578             |
| China, Peoples Republic .....  | 8,637              | 37,223             | 32,193             | 15,520             | 32,885             |
| Nicaragua .....                | 10,940             | 7,900              | 10,445             | 13,149             | 15,451             |
| Peru .....                     | 10,115             | 1,888              | 509                | 12,290             | 40,516             |
| Haiti .....                    | 9,379              | 12,678             | 11,426             | 10,397             | 10,265             |
| Jamaica .....                  | 8,090              | 4,731              | 4,714              | 7,320              | 4,473              |
| Costa Rica .....               | 6,833              | 7,530              | 6,158              | 6,701              | 6,852              |
| Saudi Arabia .....             | 8,068              | 4,797              | 8,460              | 5,794              | 8,709              |
| Egypt .....                    | 23,395             | 22,601             | 13,294             | 4,557              | 5,849              |
| Trinidad and Tobago .....      | 4,551              | 3,814              | 4,843              | 4,144              | 2,576              |
| Morocco .....                  | 10,470             | 12,413             | 10,023             | 4,000              | 12,068             |
| Panama .....                   | 9,866              | 6,505              | 5,753              | 3,433              | 8,472              |
| Others .....                   | 212,788            | 92,733             | 66,844             | 17,146             | 66,766             |
| Grand total <sup>3</sup> ..... | 1,349,210          | 1,239,843          | 1,112,398          | 993,098            | 1,301,557          |

<sup>1</sup> This category includes edible tallow; inedible tallow; choice white grease; pig and poultry fat, yellow grease; sheep or goat, other fat, raw or rendered; lard stearin, lard oil, oleo-oil and tallow oil; other animal fat, and baking and frying fat. <sup>2</sup> Preliminary. <sup>3</sup> May not add due to rounding.

FAS, Dairy, Livestock and Poultry Division, (202) 720-8031. Bureau of the Census, U.S. Department of Commerce.

**Table 3-55.—Fats and oils: Use in products for civilian consumption, total and per capita, United States, 1992–2001**

| Calendar year           | Food products <sup>1</sup> |            |   |            |                           |            |                                     |            |                        |            |                    |            |                                 |            |
|-------------------------|----------------------------|------------|---|------------|---------------------------|------------|-------------------------------------|------------|------------------------|------------|--------------------|------------|---------------------------------|------------|
|                         | Butter (actual weight)     |            | Lard and tallow (direct use) <sup>2</sup> |            | Margarine (actual weight) |            | Baking and frying fats (shortening) |            | Salad and cooking oils |            | Other edible use   |            | All food products (fat content) |            |
|                         | Total                      | Per capita | Total                                     | Per capita | Total                     | Per capita | Total                               | Per capita | Total                  | Per capita | Total              | Per capita | Total                           | Per capita |
|                         | <i>Million lbs</i>         | <i>Lbs</i> | <i>Million lbs</i>                        | <i>Lbs</i> | <i>Million lbs</i>        | <i>Lbs</i> | <i>Million lbs</i>                  | <i>Lbs</i> | <i>Million lbs</i>     | <i>Lbs</i> | <i>Million lbs</i> | <i>Lbs</i> | <i>Million lbs</i>              | <i>Lbs</i> |
| 1992 .....              | 1,156                      | 4.3        | 901                                       | 3.5        | 2,821                     | 11.0       | 5,732                               | 22.4       | 6,946                  | 27.1       | 367                | 1.4        | 17,127                          | 66.8       |
| 1993 .....              | 1,209                      | 4.6        | 711                                       | 2.8        | 2,887                     | 11.1       | 6,495                               | 25.0       | 6,907                  | 26.6       | 451                | 1.7        | 17,841                          | 68.7       |
| 1994 .....              | 1,255                      | 4.8        | 1,110                                     | 4.2        | 2,610                     | 9.9        | 6,305                               | 24.0       | 6,845                  | 26.0       | 426                | 1.6        | 17,778                          | 67.6       |
| 1995 .....              | 1,187                      | 4.4        | 963                                       | 3.6        | 2,463                     | 9.3        | 5,926                               | 22.3       | 7,057                  | 26.5       | 434                | 1.6        | 17,300                          | 65.0       |
| 1996 .....              | 1,148                      | 4.3        | 1,059                                     | 3.9        | 2,471                     | 9.2        | 5,914                               | 22.0       | 6,924                  | 25.7       | 361                | 1.4        | 17,153                          | 63.7       |
| 1997 .....              | 1,116                      | 4.1        | 1,102                                     | 4.0        | 2,344                     | 8.6        | 5,606                               | 20.6       | 7,652                  | 28.1       | 297                | 1.1        | 17,426                          | 64.0       |
| 1998 .....              | 1,208                      | 4.4        | 1,409                                     | 5.1        | 2,297                     | 8.3        | 5,670                               | 20.6       | 7,532                  | 27.3       | 365                | 1.3        | 17,780                          | 64.5       |
| 1999 .....              | 1,307                      | 4.7        | 1,545                                     | 5.6        | 2,241                     | 8.0        | 5,886                               | 21.1       | 8,030                  | 28.8       | 431                | 1.6        | 18,731                          | 67.2       |
| 2000 .....              | 1,277                      | 4.5        | 1,686                                     | 5.9        | 2,353                     | 8.3        | 6,513                               | 23.1       | 9,522                  | 33.7       | 429                | 1.5        | 21,053                          | 74.6       |
| 2001 <sup>3</sup> ..... | 1,292                      | 4.5        | 1,639                                     | 5.7        | .....                     | .....      | .....                               | .....      | .....                  | .....      | 408                | 1.4        | .....                           | .....      |

  

| Calendar year           | Industrial products   |               |                       |               |                       |               |                         |               |                                    |               |                           |               |
|-------------------------|-----------------------|---------------|-----------------------|---------------|-----------------------|---------------|-------------------------|---------------|------------------------------------|---------------|---------------------------|---------------|
|                         | Soap                  |               | Fatty acids           |               | Animal feeds          |               | Other inedible products |               | All inedible products <sup>4</sup> |               | All products <sup>5</sup> |               |
|                         | Total                 | Per capita    | Total                 | Per capita    | Total                 | Per capita    | Total                   | Per capita    | Total                              | Per capita    | Total                     | Per capita    |
|                         | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i>   | <i>Pounds</i> | <i>Million pounds</i>              | <i>Pounds</i> | <i>Million pounds</i>     | <i>Pounds</i> |
| 1992 .....              | 739                   | 2.9           | 2,041                 | 8.0           | 2,177                 | 8.5           | 549                     | 2.1           | 5,904                              | 23.1          | 23,031                    | 90.9          |
| 1993 .....              | 749                   | 2.9           | 1,898                 | 7.3           | 2,200                 | 8.5           | 589                     | 2.3           | 5,846                              | 22.6          | 23,687                    | 92.4          |
| 1994 .....              | 687                   | 3.0           | 1,959                 | 8.8           | 2,340                 | 8.7           | 654                     | 2.9           | 6,103                              | 25.2          | 23,881                    | 92.2          |
| 1995 .....              | 594                   | 2.8           | 1,964                 | 8.6           | 2,341                 | 8.8           | 747                     | 2.5           | 6,101                              | 23.0          | 23,401                    | 89.5          |
| 1996 .....              | 469                   | 1.8           | 1,921                 | 7.2           | 2,430                 | 9.1           | 782                     | 2.9           | 6,018                              | 22.7          | 23,171                    | 87.8          |
| 1997 .....              | 567                   | 2.1           | 2,342                 | 8.7           | 2,646                 | 9.9           | 557                     | 2.1           | 6,535                              | 24.4          | 23,961                    | 89.9          |
| 1998 .....              | 561                   | 2.1           | 2,187                 | 8.1           | 2,878                 | 10.6          | 578                     | 2.1           | 6,573                              | 24.2          | 24,353                    | 90.5          |
| 1999 .....              | 565                   | 2.1           | 2,028                 | 7.4           | 3,200                 | 11.7          | 553                     | 2.0           | 6,733                              | 24.7          | 25,464                    | 93.8          |
| 2000 .....              | 423                   | 1.5           | 2,108                 | 7.5           | 2,602                 | 9.2           | 426                     | 1.5           | 5,954                              | 21.2          | 27,472                    | 100.3         |
| 2001 <sup>3</sup> ..... | 366                   | 1.3           | 2,060                 | 7.4           | 2,651                 | 9.6           | 476                     | 1.7           | 6,344                              | 22.2          | .....                     | .....         |

<sup>1</sup> Domestic disappearance data are computed by ERS. <sup>2</sup> Includes edible tallow direct use beginning in 1979. <sup>3</sup> Preliminary. <sup>4</sup> Including paint, varnish, resin, plastic, and lubricants. <sup>5</sup> Including only fat content of butter and margarine.

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694-5300.

**Table 3-56.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1993–2002**  
[1982=100]

| Year       | All fats and oils excluding butter | Seventeen major fats and oils |                      |           |                   |                  |      |            |           |             |
|------------|------------------------------------|-------------------------------|----------------------|-----------|-------------------|------------------|------|------------|-----------|-------------|
|            |                                    | All fats and oils             | Classified by origin |           | Classified by use |                  |      |            |           |             |
|            |                                    |                               | Animal               | Vegetable | Edible            |                  |      | Industrial |           |             |
|            |                                    |                               |                      |           | Domes-tic origin  | Butter           | Lard | All edible | Soap fats | Drying oils |
| 1993 ..... | 74.5                               | 54.4                          | 50.2                 | 147.3     | NA                | 116.8            | 57.1 | 97.9       | 94.3      | 94.9        |
| 1994 ..... | 88.9                               | 61.5                          | 53.0                 | 179.3     | NA                | 128.1            | 65.7 | 112.9      | 93.1      | 107.4       |
| 1995 ..... | 91.9                               | 115.5                         | 59.6                 | 174.4     | NA                | 151.1            | 66.1 | 242.8      | 92.9      | 124.0       |
| 1996 ..... | 87.8                               | 655.3                         | 68.1                 | 159.3     | NA                | 162.5            | 67.1 | 1,346.9    | 10.8      | 129.0       |
| 1997 ..... | 90.2                               | 67.8                          | 74.2                 | 156.8     | NA                | 157.1            | 67.6 | 150.2      | 11.0      | 141.4       |
| 1998 ..... | 94.3                               | 78.4                          | 88.5                 | 174.3     | NA                | 146.4            | 84.5 | 143.6      | 10.8      | 135.1       |
| 1999 ..... | 70.1                               | 58.1                          | 67.0                 | 128.0     | NA                | 140.3            | 60.4 | 106.6      | 10.8      | 102.7       |
| 2000 ..... | 57.7                               | 51.8                          | 63.3                 | 107.7     | NA                | 128.9            | 55.4 | 82.9       | 10.2      | 81.4        |
| 2001 ..... | 60.8                               | 59.9                          | 85.5                 | 104.6     | NA                | ( <sup>1</sup> ) | 64.7 | 92.0       | 9.3       | 88.6        |
| 2002 ..... | 68.5                               | 55.1                          | 69.7                 | 127.2     | NA                | ( <sup>1</sup> ) | 57.3 | 112.0      | 8.9       | 97.3        |

NA-not available. <sup>1</sup> Discontinued.

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694-5300.

**Table 3-57.—Fats and oils: Wholesale price per pound, 1997–2002<sup>1</sup>**

| Item and market   | 1997         | 1998         | 1999         | 2000         | 2001         | 2002         |
|---|--------------|--------------|--------------|--------------|--------------|--------------|
|   | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> | <i>Cents</i> |
| Castor oil, No. 1, Brazilian, tanks, imported, New York | 41.50        | 41.50        | 48.00        | 47.42        | 47.92        | 47.25        |
| Coconut oil, crude, tanks, f.o.b. New York .....        | 39.40        | 31.17        | 39.89        | 23.34        | 24.15        | 21.93        |
| Corn oil, crude, tank cars, f.o.b. Decatur .....        | 24.85        | 30.33        | 23.31        | 20.50        | 15.75        | 20.78        |
| Cottonseed oil, crude, tank cars, f.o.b. Valley .....   | 26.51        | 31.03        | 23.95        | 20.86        | 15.41        | 23.33        |
| Linseed oil, raw, tank cars, Minneapolis .....          | 36.25        | 36.00        | 36.00        | 35.83        | 36.79        | 39.06        |
| Palm oil, U.S. ports, refined .....                     | 27.25        | 31.88        | 22.86        | 16.28        | 15.73        | 23.31        |
| Canola oil, Midwest .....                               | 26.13        | 28.67        | 20.23        | 16.38        | 18.86        | 27.17        |
| Safflower oil, tanks, New York .....                    | 59.00        | 59.00        | 59.00        | 59.00        | 78.75        | 79.00        |
| Soybean oil, crude, tank cars, f.o.b. Decatur .....     | 23.27        | 25.73        | 17.72        | 15.01        | 14.49        | 18.25        |
| Sunflower oil, crude, Minneapolis .....                 | 23.45        | 24.24        | 19.09        | 15.85        | 17.34        | 26.91        |
| Tallow, inedible, number delivered Chicago .....        | 20.75        | 17.67        | 12.99        | 10.18        | 11.50        | 14.80        |
| Tung oil, imported, drums, f.o.b. New York .....        | 101.50       | 100.00       | 84.83        | 79.33        | 61.63        | 43.77        |

<sup>1</sup> All prices are calendar year basis.

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694-5300. Compiled from the Chemical Marketing Reporter, the National Provisioner, the Wall Street Journal, and the U.S. Department of Labor.

## CHAPTER IV

# STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweet potatoes, and commercial vegetables and melons.

For potatoes and sweet potatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of 10 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. The processed segment of production for asparagus, broccoli, and cauliflower, combined with fresh market production during the year, is published at the end of the season, separately. In 2000, estimates were added for collard greens, kale, mustard greens, turnip greens, okra, chili peppers, pumpkins, radishes, and squash. In 2002, estimates for fresh market lima beans, beets for canning, Brussels sprouts, cabbage for kraut, eggplant, escarole/endive, collard greens, kale, mustard greens, turnip greens, okra, and radishes were discontinued. Additionally, States were removed from the program for certain commodities. For details on the 2002 program changes see the following website: <http://www.usda.gov/nass/events/programchg/vegprogchgs.htm>.

### Seasonal Groups and Marketing Period

#### Prospective Area For Harvest

Winter: January, February, March

Summer: July, August, September

Spring: April, May, June

Fall: October, November, December

#### Annual Acreage, Yield, Production, and Value

The seasonal patterns of harvest do not correspond precisely in all States to the estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later period, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

In 2002, commercial vegetables for fresh market include 24 principal vegetable and melon crops in the major producing States. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of artichokes, celery, garlic, onions, bell peppers, chile peppers, pumpkins, and squash are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis. For processed vegetables, value per unit and total value are at processing plant door.

Aggregate data for the years 1999 and 2000, 2000 and 2001, and 2001 and 2002 lack comparability with data from other years because of program changes altering the crops included.

**Table 4-1.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1994–2003**

| Year       | Area <sup>1</sup>             |                             |              |
|------------|-------------------------------|-----------------------------|--------------|
|            | For fresh market <sup>2</sup> | For processing <sup>3</sup> | Total        |
|            | <i>Acres</i>                  | <i>Acres</i>                | <i>Acres</i> |
| 1994 ..... | 1,896,400                     | 1,588,450                   | 3,484,850    |
| 1995 ..... | 1,851,860                     | 1,580,400                   | 3,432,260    |
| 1996 ..... | 1,886,780                     | 1,485,020                   | 3,371,800    |
| 1997 ..... | 1,849,730                     | 1,423,000                   | 3,272,730    |
| 1998 ..... | 1,860,070                     | 1,443,510                   | 3,303,580    |
| 1999 ..... | 1,907,120                     | 1,512,750                   | 3,419,870    |
| 2000 ..... | 2,060,390                     | 1,449,230                   | 3,509,620    |
| 2001 ..... | 2,037,660                     | 1,333,610                   | 3,371,270    |
| 2002 ..... | 1,945,400                     | 1,347,320                   | 3,292,720    |
| 2003 ..... | 1,945,740                     | 1,343,570                   | 3,289,310    |

| Year       | Production <sup>4</sup>       |                             |             |
|------------|-------------------------------|-----------------------------|-------------|
|            | For fresh market <sup>2</sup> | For processing <sup>3</sup> | Total       |
|            | <i>Tons</i>                   | <i>Tons</i>                 | <i>Tons</i> |
| 1994 ..... | 20,808,650                    | 18,316,538                  | 39,125,188  |
| 1995 ..... | 19,856,250                    | 17,543,177                  | 37,399,427  |
| 1996 ..... | 20,600,500                    | 17,547,062                  | 38,147,562  |
| 1997 ..... | 21,828,450                    | 16,229,609                  | 38,058,059  |
| 1998 ..... | 20,934,600                    | 22,535,750                  | 43,470,350  |
| 1999 ..... | 22,484,150                    | 15,476,230                  | 37,960,380  |
| 2000 ..... | 22,557,450                    | 17,026,330                  | 39,583,780  |
| 2001 ..... | 23,615,850                    | 14,990,550                  | 38,606,400  |
| 2002 ..... | 23,179,850                    | 17,108,800                  | 40,288,650  |
| 2003 ..... | 23,162,200                    | 15,601,020                  | 38,763,220  |

| Year       | Value <sup>5</sup>            |                             |                      |
|------------|-------------------------------|-----------------------------|----------------------|
|            | For fresh market <sup>2</sup> | For processing <sup>3</sup> | Total                |
|            | <i>1,000 dollars</i>          | <i>1,000 dollars</i>        | <i>1,000 dollars</i> |
| 1994 ..... | 6,874,816                     | 1,472,835                   | 8,347,651            |
| 1995 ..... | 7,703,693                     | 1,463,400                   | 9,167,093            |
| 1996 ..... | 6,883,050                     | 1,470,784                   | 8,353,834            |
| 1997 ..... | 8,070,906                     | 1,372,269                   | 9,443,175            |
| 1998 ..... | 8,053,929                     | 1,354,696                   | 9,408,625            |
| 1999 ..... | 7,610,780                     | 1,660,051                   | 9,270,831            |
| 2000 ..... | 8,574,891                     | 1,415,091                   | 9,989,982            |
| 2001 ..... | 8,967,457                     | 1,256,032                   | 10,223,489           |
| 2002 ..... | 9,451,836                     | 1,338,389                   | 10,790,225           |
| 2003 ..... | 9,665,484                     | 1,292,920                   | 10,958,404           |

<sup>1</sup>Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. <sup>2</sup>Area, production, and farm value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. In 2000, collard greens, kale, mustard greens, turnip greens, okra, chile peppers, pumpkins, radishes, and squash were added. In 2002, fresh market lima beans, beets for canning, Brussels sprouts, cabbage for kraut, eggplant, escarole/endive, collard greens, kale, mustard greens, turnip greens, okra, and radishes were discontinued. Additionally in 2002, States were removed from the program for certain commodities. See table footnotes when comparing years. <sup>3</sup>Area, production, and farm value of the following 10 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates. <sup>4</sup>Production for fresh market excludes some quantities not marketed because of low prices or other economic factors. <sup>5</sup>Value for all fresh market vegetables. For processing vegetables, value at processing plant door.

**Table 4-2.—Vegetables, commercial: Area of principal crops, by States, 2001–2003<sup>1 2</sup>**

| State                           | For fresh market <sup>3</sup> |           |                   | For processing <sup>5</sup> |           |                   | Total     |           |                   |
|---------------------------------|-------------------------------|-----------|-------------------|-----------------------------|-----------|-------------------|-----------|-----------|-------------------|
|                                 | 2001                          | 2002      | 2003 <sup>4</sup> | 2001                        | 2002      | 2003 <sup>4</sup> | 2001      | 2002      | 2003 <sup>4</sup> |
|                                 | Acres                         | Acres     | Acres             | Acres                       | Acres     | Acres             | Acres     | Acres     | Acres             |
| AL .....                        | 7,570                         | 6,400     | 4,800             | .....                       | .....     | .....             | 7,570     | 6,400     | 4,800             |
| AZ .....                        | 124,800                       | 126,300   | 128,000           | .....                       | .....     | .....             | 124,800   | 126,300   | 128,000           |
| AR .....                        | 5,430                         | 3,700     | 3,500             | 4,300                       | 3,000     | 3,200             | 9,730     | 6,700     | 6,700             |
| CA .....                        | 835,600                       | 824,700   | 846,600           | 289,700                     | 325,400   | 312,300           | 1,125,300 | 1,150,100 | 1,158,900         |
| CO .....                        | 30,200                        | 31,000    | 27,600            | .....                       | .....     | .....             | 30,200    | 31,000    | 27,600            |
| CT .....                        | 4,970                         | 3,900     | 3,600             | .....                       | .....     | .....             | 4,970     | 3,900     | 3,600             |
| DE .....                        | 7,330                         | 6,500     | 6,200             | 41,700                      | 46,100    | 48,700            | 49,030    | 52,600    | 54,900            |
| FL .....                        | 196,300                       | 186,300   | 185,100           | .....                       | .....     | .....             | 196,300   | 186,300   | 185,100           |
| GA .....                        | 140,550                       | 120,700   | 120,800           | 5,600                       | 7,620     | 10,900            | 146,150   | 128,320   | 131,700           |
| HI <sup>6</sup> .....           | 1,670                         | .....     | .....             | .....                       | .....     | .....             | 1,670     | .....     | .....             |
| ID .....                        | 7,800                         | 7,900     | 8,200             | .....                       | .....     | .....             | 7,800     | 7,900     | 8,200             |
| IL .....                        | 15,270                        | 15,680    | 14,150            | 41,500                      | 45,900    | 43,600            | 56,770    | 61,580    | 57,750            |
| IN .....                        | 17,000                        | 16,400    | 16,500            | .....                       | .....     | .....             | 17,000    | 16,400    | 16,500            |
| IA .....                        | .....                         | .....     | .....             | 8,200                       | 1,400     | 1,430             | 8,200     | 1,400     | 1,430             |
| LA .....                        | 1,700                         | 1,800     | 1,800             | .....                       | .....     | .....             | 1,700     | 1,800     | 1,800             |
| ME .....                        | 2,000                         | 2,000     | 2,000             | .....                       | .....     | .....             | 2,000     | 2,000     | 2,000             |
| MD .....                        | 22,850                        | 21,700    | 20,400            | 11,900                      | 12,500    | 14,020            | 34,750    | 34,200    | 34,420            |
| MA .....                        | 7,150                         | 6,700     | 6,600             | .....                       | .....     | .....             | 7,150     | 6,700     | 6,600             |
| MI .....                        | 62,300                        | 62,600    | 62,700            | 50,100                      | 55,100    | 52,300            | 112,400   | 117,700   | 115,000           |
| MN .....                        | 320                           | 250       | 210               | 204,110                     | 217,600   | 227,750           | 204,430   | 217,850   | 227,960           |
| MS .....                        | 2,500                         | 2,300     | 1,800             | .....                       | .....     | .....             | 2,500     | 2,300     | 1,800             |
| MO .....                        | 5,000                         | 5,100     | 4,700             | 15,900                      | 16,000    | 16,300            | 20,900    | 21,100    | 21,000            |
| NV .....                        | 4,300                         | 4,400     | 4,300             | .....                       | .....     | .....             | 4,300     | 4,400     | 4,300             |
| NH .....                        | 1,800                         | 1,500     | 1,800             | .....                       | .....     | .....             | 1,800     | 1,500     | 1,800             |
| NJ .....                        | 33,700                        | 29,300    | 26,700            | 10,500                      | 9,800     | 5,900             | 44,200    | 39,100    | 32,600            |
| NM .....                        | 25,400                        | 24,800    | 21,400            | .....                       | .....     | .....             | 25,400    | 24,800    | 21,400            |
| NY .....                        | 91,520                        | 84,500    | 84,100            | 74,150                      | 53,500    | 51,100            | 165,670   | 138,000   | 135,200           |
| NC .....                        | 62,460                        | 54,500    | 50,500            | .....                       | .....     | .....             | 62,460    | 54,500    | 50,500            |
| OH .....                        | 32,840                        | 29,570    | 31,080            | 10,650                      | 8,700     | 7,900             | 43,490    | 38,270    | 38,980            |
| OK .....                        | 6,000                         | 5,500     | 6,000             | .....                       | .....     | .....             | 6,000     | 5,500     | 6,000             |
| OR .....                        | 28,660                        | 30,000    | 31,600            | 73,860                      | 73,500    | 70,400            | 102,520   | 103,500   | 102,000           |
| PA .....                        | 31,180                        | 30,400    | 33,900            | 10,150                      | 10,500    | 9,970             | 41,330    | 40,900    | 43,870            |
| RI .....                        | 900                           | 700       | 700               | .....                       | .....     | .....             | 900       | 700       | 700               |
| SC .....                        | 22,200                        | 16,600    | 15,800            | .....                       | .....     | .....             | 22,200    | 16,600    | 15,800            |
| TN .....                        | 11,950                        | 12,700    | 13,100            | 4,720                       | 5,800     | 5,800             | 16,670    | 18,500    | 18,900            |
| TX .....                        | 108,100                       | 93,700    | 83,600            | 28,500                      | 31,300    | 21,500            | 136,600   | 125,000   | 105,100           |
| UT .....                        | 2,100                         | 2,100     | 1,800             | .....                       | .....     | .....             | 2,100     | 2,100     | 1,800             |
| VT .....                        | 1,000                         | 900       | 1,100             | .....                       | .....     | .....             | 1,000     | 900       | 1,100             |
| VA .....                        | 20,740                        | 18,200    | 18,800            | 1,970                       | 1,600     | 1,000             | 22,710    | 19,800    | 19,800            |
| WA .....                        | 41,100                        | 40,200    | 40,400            | 142,900                     | 142,400   | 154,000           | 184,000   | 182,600   | 194,400           |
| WI .....                        | 13,400                        | 13,900    | 13,800            | 227,300                     | 210,700   | 209,300           | 240,700   | 224,600   | 223,100           |
| Other States <sup>7</sup> ..... | .....                         | .....     | .....             | 75,900                      | 68,900    | 76,200            | 75,900    | 68,900    | 76,200            |
| US .....                        | 2,037,660                     | 1,945,400 | 1,945,740         | 1,333,610                   | 1,347,320 | 1,343,570         | 3,371,270 | 3,292,720 | 3,289,310         |

<sup>1</sup> Area for fresh market and for processing is area harvested. <sup>2</sup> Commodity estimates for 2002 and 2003 are comparable. Estimates for 2001 are not comparable due to vegetable estimation program changes. These changes are documented in footnotes found under each individual commodity table. <sup>3</sup> Area of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. In 2000, collard greens, kale, mustard greens, turnip greens, okra, chile peppers, pumpkins, radishes, and squash were added. In 2002, fresh market lima beans, beets for canning, Brussels sprouts, cabbage for kraut, eggplant, escarole/endive, collard greens, kale, mustard greens, turnip greens, okra, and radishes were discontinued. Additionally in 2002, States were removed from the program for certain commodities. See table footnotes when comparing years. <sup>4</sup> Preliminary. <sup>5</sup> Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. <sup>6</sup> Hawaii removed from the vegetable estimation program for all commodities in 2002. <sup>7</sup> Processing, 2001 - AL, FL, ID, IN, MA, NC, and SC. 2002 - AL, FL, ID, IN, MA, NC, and SC. 2003 - AL, FL, ID, IN, MA, NC, and SC.

NASS, Crops Branch, (202) 720-2127.

**Table 4-3.—Vegetables, commercial: Production of principal crops, by States, 2001–2003<sup>1</sup>**

| State                           | For fresh market <sup>2</sup> |              |                   | For processing <sup>4</sup> |            |                   | Total      |            |                   |
|---------------------------------|-------------------------------|--------------|-------------------|-----------------------------|------------|-------------------|------------|------------|-------------------|
|                                 | 2001                          | 2002         | 2003 <sup>3</sup> | 2001                        | 2002       | 2003 <sup>3</sup> | 2001       | 2002       | 2003 <sup>3</sup> |
|                                 | 1,000<br>Cwt                  | 1,000<br>Cwt | 1,000<br>Cwt      | Tons                        | Tons       | Tons              | Tons       | Tons       | Tons              |
| AL .....                        | 901                           | 878          | 775               | .....                       | .....      | .....             | 45,050     | 43,900     | 38,750            |
| AZ .....                        | 40,245                        | 38,021       | 38,524            | .....                       | .....      | .....             | 2,012,250  | 1,901,050  | 1,926,200         |
| AR .....                        | 872                           | 799          | 729               | 15,480                      | 9,000      | 8,000             | 59,080     | 48,950     | 44,450            |
| CA .....                        | 218,412                       | 223,642      | 229,014           | 8,892,050                   | 11,283,970 | 9,534,270         | 19,812,650 | 22,466,070 | 20,984,970        |
| CO .....                        | 9,523                         | 9,390        | 8,520             | .....                       | .....      | .....             | 476,150    | 469,500    | 426,000           |
| CT .....                        | 288                           | 273          | 216               | .....                       | .....      | .....             | 14,400     | 13,650     | 10,800            |
| DE .....                        | 1,610                         | 1,538        | 1,018             | 144,980                     | 139,000    | 162,510           | 225,480    | 215,900    | 213,410           |
| FL .....                        | 43,913                        | 42,302       | 40,721            | .....                       | .....      | .....             | 2,195,650  | 2,115,100  | 2,036,050         |
| GA .....                        | 24,311                        | 21,058       | 19,789            | 20,860                      | 27,580     | 53,220            | 1,236,410  | 1,080,480  | 1,042,670         |
| HI <sup>5</sup> .....           | 419                           | .....        | .....             | .....                       | .....      | .....             | 20,950     | .....      | .....             |
| ID .....                        | 4,992                         | 5,056        | 4,920             | .....                       | .....      | .....             | 249,600    | 252,800    | 246,000           |
| IL .....                        | 3,899                         | 3,700        | 3,776             | 183,370                     | 162,950    | 189,710           | 378,320    | 347,950    | 378,510           |
| IN .....                        | 4,034                         | 3,537        | 3,770             | .....                       | .....      | .....             | 201,700    | 176,850    | 188,500           |
| IA .....                        | .....                         | .....        | .....             | 55,100                      | 8,500      | 10,790            | 55,100     | 8,500      | 10,790            |
| LA .....                        | 187                           | 216          | 234               | .....                       | .....      | .....             | 9,350      | 10,800     | 11,700            |
| ME .....                        | 110                           | 110          | 120               | .....                       | .....      | .....             | 5,500      | 5,500      | 6,000             |
| MD .....                        | 2,546                         | 2,043        | 1,728             | 66,220                      | 67,060     | 61,080            | 193,520    | 169,210    | 147,480           |
| MA .....                        | 497                           | 469          | 495               | .....                       | .....      | .....             | 24,850     | 23,450     | 24,750            |
| MI .....                        | 9,154                         | 9,150        | 9,635             | 318,280                     | 362,930    | 377,310           | 775,980    | 820,430    | 859,600           |
| MN .....                        | 109                           | 78           | 65                | 945,450                     | 1,023,220  | 1,133,870         | 950,900    | 1,027,120  | 1,137,120         |
| MS .....                        | 425                           | 357          | 261               | .....                       | .....      | .....             | 21,250     | 17,850     | 13,050            |
| MO .....                        | 1,150                         | 1,326        | 1,387             | 44,830                      | 44,140     | 42,520            | 102,330    | 110,440    | 111,870           |
| NV .....                        | 1,508                         | 2,035        | 2,042             | .....                       | .....      | .....             | 75,400     | 101,750    | 102,100           |
| NH .....                        | 99                            | 75           | 126               | .....                       | .....      | .....             | 4,950      | 3,750      | 6,300             |
| NJ .....                        | 5,494                         | 4,688        | 3,931             | 69,660                      | 56,340     | 41,750            | 344,360    | 290,740    | 238,300           |
| NM .....                        | 5,393                         | 6,328        | 5,705             | .....                       | .....      | .....             | 269,650    | 316,400    | 285,050           |
| NY .....                        | 17,878                        | 14,012       | 14,638            | 377,290                     | 174,850    | 214,180           | 1,271,190  | 875,450    | 946,280           |
| NC .....                        | 8,048                         | 7,692        | 6,658             | .....                       | .....      | .....             | 402,400    | 384,600    | 332,900           |
| OH .....                        | 5,331                         | 5,476        | 4,654             | 231,140                     | 178,330    | 201,220           | 497,690    | 452,130    | 433,920           |
| OK .....                        | 750                           | 715          | 840               | .....                       | .....      | .....             | 37,500     | 35,750     | 42,000            |
| OR .....                        | 12,153                        | 13,013       | 12,475            | 417,630                     | 412,390    | 416,080           | 1,025,280  | 1,063,040  | 1,039,830         |
| PA .....                        | 2,538                         | 2,967        | 2,879             | 72,990                      | 75,340     | 68,250            | 199,890    | 223,690    | 212,200           |
| RI .....                        | 68                            | 46           | 63                | .....                       | .....      | .....             | 3,400      | 2,300      | 3,150             |
| SC .....                        | 3,789                         | 2,705        | 2,750             | .....                       | .....      | .....             | 189,450    | 135,250    | 137,500           |
| TN .....                        | 879                           | 1,677        | 1,670             | 9,830                       | 9,120      | 9,120             | 53,780     | 92,970     | 92,620            |
| TX .....                        | 23,225                        | 20,623       | 19,922            | 191,760                     | 194,330    | 144,050           | 1,353,010  | 1,225,480  | 1,140,150         |
| UT .....                        | 956                           | 1,050        | 828               | .....                       | .....      | .....             | 47,800     | 52,500     | 41,400            |
| VT .....                        | 50                            | 45           | 88                | .....                       | .....      | .....             | 2,500      | 2,250      | 4,400             |
| VA .....                        | 3,372                         | 2,949        | 3,001             | 8,120                       | 4,570      | 2,850             | 176,720    | 152,020    | 152,900           |
| WA .....                        | 11,248                        | 11,653       | 12,986            | 1,102,930                   | 1,137,040  | 1,176,300         | 1,665,330  | 1,719,690  | 1,825,600         |
| WI .....                        | 1,941                         | 1,905        | 2,291             | 1,182,620                   | 1,126,400  | 1,173,250         | 1,279,670  | 1,221,650  | 1,287,800         |
| Other States <sup>6</sup> ..... | .....                         | .....        | .....             | 639,960                     | 611,740    | 580,690           | 639,960    | 611,740    | 580,690           |
| US .....                        | 472,317                       | 463,597      | 463,244           | 14,990,550                  | 17,108,800 | 15,601,020        | 38,606,400 | 40,288,650 | 38,763,220        |

<sup>1</sup> Commodity estimates for 2002 and 2003 are comparable. Estimates for 2001 are not comparable due to vegetable estimation program changes. These changes are documented in footnotes found under each individual commodity table.

<sup>2</sup> Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. In 2002, collard greens, kale, mustard greens, turnip greens, okra, chile peppers, pumpkins, radishes, and squash were added. In 2002, fresh market lima beans, beets for canning, Brussels sprouts, cabbage for kraut, eggplant, escarole/endive, collard greens, kale, mustard greens, turnip greens, okra, and radishes were discontinued. Additionally in 2002, states were removed from the program for certain commodities. See table footnotes when comparing years.

<sup>3</sup> Preliminary. <sup>4</sup> Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. <sup>5</sup> Hawaii removed from the vegetable estimation program for all commodities in 2002. <sup>6</sup> 2001 - AL, FL, ID, IN, MA, NC, and SC. 2002 - AL, FL, ID, IN, MA, NC, and SC. 2003 - AL, FL, ID, IN, MA, NC, and SC.

NASS, Crops Branch, (202) 720-2127.

**Table 4-4.—Vegetables, commercial: Value of principal crops, by States, 2001–2003<sup>1</sup>**

| State                     | For fresh market <sup>2</sup> |               |                   | For processing <sup>4</sup> |               |                   | Total         |               |                   |
|---------------------------|-------------------------------|---------------|-------------------|-----------------------------|---------------|-------------------|---------------|---------------|-------------------|
|                           | 2001                          | 2002          | 2003 <sup>3</sup> | 2001                        | 2002          | 2003 <sup>3</sup> | 2001          | 2002          | 2003 <sup>3</sup> |
|                           | 1,000 dollars                 | 1,000 dollars | 1,000 dollars     | 1,000 dollars               | 1,000 dollars | 1,000 dollars     | 1,000 dollars | 1,000 dollars | 1,000 dollars     |
| AL                        | 12,959                        | 12,369        | 13,120            |                             |               |                   | 12,959        | 12,369        | 13,120            |
| AZ                        | 755,799                       | 1,268,851     | 564,814           |                             |               |                   | 755,799       | 1,268,851     | 564,814           |
| AR                        | 15,264                        | 17,423        | 19,941            | 2,477                       | 1,530         | 1,360             | 17,741        | 18,953        | 21,301            |
| CA                        | 4,445,749                     | 4,451,873     | 5,308,491         | 545,351                     | 669,588       | 574,763           | 4,991,100     | 5,121,461     | 5,883,254         |
| CO                        | 98,303                        | 111,149       | 100,184           |                             |               |                   | 98,303        | 111,149       | 100,184           |
| CT                        | 8,599                         | 6,825         | 5,940             |                             |               |                   | 8,599         | 6,825         | 5,940             |
| DE                        | 17,176                        | 17,072        | 10,964            | 26,431                      | 25,608        | 26,849            | 43,607        | 42,680        | 37,813            |
| FL                        | 1,175,523                     | 1,143,271     | 1,117,094         |                             |               |                   | 1,175,523     | 1,143,271     | 1,117,094         |
| GA                        | 342,769                       | 312,804       | 341,226           | 5,300                       | 7,425         | 20,320            | 348,069       | 320,229       | 361,546           |
| HI <sup>5</sup>           | 15,525                        |               |                   |                             |               |                   | 15,525        |               |                   |
| ID                        | 34,765                        | 51,401        | 57,680            |                             |               |                   | 34,765        | 51,401        | 57,680            |
| IL                        | 28,826                        | 20,999        | 23,644            | 29,337                      | 23,399        | 25,405            | 58,163        | 44,398        | 49,049            |
| IN                        | 59,888                        | 52,981        | 60,734            |                             |               |                   | 59,888        | 52,981        | 60,734            |
| IA                        |                               |               |                   | 4,408                       | 595           | 863               | 4,408         | 595           | 863               |
| LA                        | 1,253                         | 1,469         | 1,732             |                             |               |                   | 1,253         | 1,469         | 1,732             |
| ME                        | 3,575                         | 3,740         | 3,900             |                             |               |                   | 3,575         | 3,740         | 3,900             |
| MD                        | 45,285                        | 42,294        | 32,516            | 10,818                      | 11,594        | 10,371            | 56,103        | 53,888        | 42,887            |
| MA                        | 20,381                        | 14,070        | 15,593            |                             |               |                   | 20,381        | 14,070        | 15,593            |
| MI                        | 157,708                       | 157,609       | 165,622           | 50,413                      | 51,239        | 55,483            | 208,121       | 208,848       | 221,105           |
| MN                        | 1,039                         | 517           | 509               | 92,352                      | 93,066        | 109,941           | 93,391        | 93,583        | 110,450           |
| MS                        | 2,338                         | 2,321         | 1,958             |                             |               |                   | 2,338         | 2,321         | 1,958             |
| MO                        | 4,888                         | 7,691         | 7,629             | 9,334                       | 8,205         | 7,832             | 14,222        | 15,896        | 15,461            |
| NV                        | 18,966                        | 27,764        | 33,582            |                             |               |                   | 18,966        | 27,764        | 33,582            |
| NH                        | 3,960                         | 3,188         | 5,292             |                             |               |                   | 3,960         | 3,188         | 5,292             |
| NJ                        | 131,811                       | 120,252       | 105,124           | 9,396                       | 7,014         | 4,593             | 141,207       | 127,266       | 109,717           |
| NM                        | 102,381                       | 104,796       | 99,208            |                             |               |                   | 102,381       | 104,796       | 99,208            |
| NY                        | 334,588                       | 301,897       | 273,523           | 42,519                      | 25,467        | 32,117            | 377,107       | 327,364       | 305,640           |
| NC                        | 123,471                       | 117,090       | 115,821           |                             |               |                   | 123,471       | 117,090       | 115,821           |
| OH                        | 134,695                       | 143,129       | 114,757           | 26,200                      | 22,335        | 22,863            | 160,895       | 165,464       | 137,620           |
| OK                        | 5,250                         | 5,005         | 5,628             |                             |               |                   | 5,250         | 5,005         | 5,628             |
| OR                        | 105,445                       | 111,530       | 137,753           | 48,947                      | 48,116        | 49,963            | 154,392       | 159,646       | 187,716           |
| PA                        | 51,371                        | 60,465        | 59,710            | 9,458                       | 9,255         | 8,238             | 60,829        | 69,720        | 67,948            |
| RI                        | 2,108                         | 1,426         | 1,953             |                             |               |                   | 2,108         | 1,426         | 1,953             |
| SC                        | 59,715                        | 42,388        | 53,873            |                             |               |                   | 59,715        | 42,388        | 53,873            |
| TN                        | 20,334                        | 54,526        | 57,331            | 1,388                       | 1,934         | 1,898             | 21,722        | 56,460        | 59,229            |
| TX                        | 390,903                       | 392,401       | 440,132           | 32,248                      | 38,367        | 27,972            | 423,151       | 430,768       | 468,104           |
| UT                        | 6,422                         | 6,611         | 7,874             |                             |               |                   | 6,422         | 6,611         | 7,874             |
| VT                        | 1,675                         | 1,553         | 3,168             |                             |               |                   | 1,675         | 1,553         | 3,168             |
| VA                        | 63,438                        | 59,890        | 72,255            | 1,505                       | 1,097         | 690               | 64,943        | 60,987        | 72,945            |
| WA                        | 142,622                       | 180,266       | 196,189           | 93,929                      | 95,047        | 107,786           | 236,551       | 275,313       | 303,975           |
| WI                        | 20,690                        | 20,930        | 29,020            | 108,727                     | 96,312        | 104,321           | 129,417       | 117,242       | 133,341           |
| Other States <sup>6</sup> |                               |               |                   | 105,494                     | 101,196       | 99,292            | 105,494       | 101,196       | 99,292            |
| US                        | 8,967,457                     | 9,451,836     | 9,665,484         | 1,256,032                   | 1,338,389     | 1,292,920         | 10,223,489    | 10,790,225    | 10,958,404        |

<sup>1</sup> Commodity estimates for 2002 and 2003 are comparable. Estimates for 2001 are not comparable due to vegetable estimation program changes. These changes are documented in footnotes found under each individual commodity table.

<sup>2</sup> Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. In 2002, collard greens, kale, mustard greens, turnip greens, okra, chile peppers, pumpkins, radishes, and squash were added. In 2002, fresh market lima beans, beets for canning, Brussels sprouts, cabbage for kraut, eggplant, escarole/endive, collard greens, kale, mustard greens, turnip greens, okra, and radishes were discontinued. Additionally in 2002, states were removed from the program for certain commodities. See table footnotes when comparing years.

<sup>3</sup> Preliminary. <sup>4</sup> Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. <sup>5</sup> Hawaii removed from the vegetable estimation program for all commodities in 2002. <sup>6</sup> 2001 - AL, FL, ID, IN, MA, NC, and SC. 2002 - AL, FL, ID, IN, MA, NC, and SC. 2003 - AL, FL, ID, IN, MA, NC, and SC.



**Table 4-5.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1994–2003**

| Year                    | Total crop       |                |                   |                    |                      | For fresh market  |                    |                      | For processing |                    |                      |
|-------------------------|------------------|----------------|-------------------|--------------------|----------------------|-------------------|--------------------|----------------------|----------------|--------------------|----------------------|
|                         | Area for harvest | Yield per acre | Production        | Value <sup>1</sup> |                      | Production        | Value <sup>1</sup> |                      | Production     | Value <sup>2</sup> |                      |
|                         |                  |                |                   | Per cwt.           | Total                |                   | Per cwt.           | Total                |                | Per ton            | Total                |
|                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Tons</i>    | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994 .....              | 76,750           | 29             | 2,197             | 80.90              | 177,641              | 1,311             | 100.00             | 131,173              | 44,300         | 1,050.00           | 46,468               |
| 1995 .....              | 72,340           | 28             | 2,024             | 87.50              | 177,170              | 1,100             | 113.00             | 124,171              | 46,180         | 1,150.00           | 52,999               |
| 1996 .....              | 73,560           | 27             | 1,989             | 78.70              | 156,623              | 1,114             | 92.90              | 103,480              | 43,780         | 1,210.00           | 53,143               |
| 1997 .....              | 74,030           | 27             | 2,026             | 90.10              | 182,531              | 1,248             | 108.00             | 134,860              | 38,920         | 1,220.00           | 47,571               |
| 1998 .....              | 74,430           | 27             | 1,979             | 101.00             | 199,482              | 1,264             | 124.00             | 156,734              | 35,720         | 1,200.00           | 42,748               |
| 1999 .....              | 75,890           | 29             | 2,176             | 107.00             | 233,170              | 1,455             | 131.00             | 190,719              | 36,070         | 1,180.00           | 42,451               |
| 2000 .....              | 77,400           | 29             | 2,272             | 97.40              | 221,299              | 1,504             | 117.00             | 176,017              | 38,400         | 1,180.00           | 45,282               |
| 2001 .....              | 70,150           | 30             | 2,078             | 110.00             | 228,925              | 1,372             | 140.00             | 192,346              | 35,290         | 1,040.00           | 36,579               |
| 2002 .....              | 66,000           | 28             | 1,868             | 92.50              | 172,876              | 1,267             | 110.00             | 139,609              | 30,050         | 1,110.00           | 33,267               |
| 2003 <sup>3</sup> ..... | 67,000           | 30             | 2,041             | 97.40              | 198,707              | 1,392             | 116.00             | 160,892              | 32,450         | 1,170.00           | 37,815               |

<sup>1</sup> Price and value on F.O.B. basis. <sup>2</sup> Price and value at processing plant door. <sup>3</sup> Preliminary.  
 NASS, Crops Branch, (202) 720–2127.

**Table 4-6.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 2001–2003**

| State                 | Area harvested <sup>1</sup> |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|-----------------------|-----------------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                       | 2001                        | 2002         | 2003 <sup>2</sup> | 2001              | 2002              | 2003 <sup>2</sup> | 2001                    | 2002                    | 2003 <sup>2</sup>       |
|                       | <i>Acres</i>                | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA <sup>3</sup> ..... | 35,000                      | 34,000       | 36,000            | 1,050             | 1,020             | 1,116             | 156.00                  | 114.00                  | 122.00                  |
| MI .....              | 14,300                      | 15,000       | 15,000            | 290               | 219               | 317               | 43.20                   | 53.40                   | 60.80                   |
| NJ <sup>4</sup> ..... | 1,100                       | .....        | .....             | 26                | .....             | .....             | 85.00                   | .....                   | .....                   |
| OR <sup>4</sup> ..... | 750                         | .....        | .....             | 28                | .....             | .....             | 53.20                   | .....                   | .....                   |
| WA .....              | 19,000                      | 17,000       | 16,000            | 684               | 629               | 608               | 71.50                   | 71.40                   | 71.20                   |
| US .....              | 70,150                      | 66,000       | 67,000            | 2,078             | 1,868             | 2,041             | 110.00                  | 92.50                   | 97.40                   |

| State                 | For fresh market  |                   |                   |                         |                         |                         | For processing |             |                   |                        |                        |                        |
|-----------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|----------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                       | Production        |                   |                   | Value per unit          |                         |                         | Production     |             |                   | Value per unit         |                        |                        |
|                       | 2001              | 2002              | 2003 <sup>2</sup> | 2001                    | 2002                    | 2003 <sup>2</sup>       | 2001           | 2002        | 2003 <sup>2</sup> | 2001                   | 2002                   | 2003 <sup>2</sup>      |
|                       | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Tons</i>    | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| CA <sup>3</sup> ..... | 1,050             | 1,020             | 1,116             | 156.00                  | 114.00                  | 122.00                  | .....          | .....       | .....             | .....                  | .....                  | .....                  |
| MI .....              | 48                | 21                | 43                | 49.00                   | 67.00                   | 66.00                   | 12,100         | 9,900       | 13,700            | 840.00                 | 1,040.00               | 1,200.00               |
| NJ <sup>4</sup> ..... | 26                | .....             | .....             | 85.00                   | .....                   | .....                   | .....          | .....       | .....             | .....                  | .....                  | .....                  |
| OR <sup>4</sup> ..... | 6                 | .....             | .....             | 44.60                   | .....                   | .....                   | 1,090          | .....       | .....             | 1,120.00               | .....                  | .....                  |
| WA .....              | 242               | 226               | 233               | 98.00                   | 97.00                   | 94.00                   | 22,100         | 20,150      | 18,750            | 1,140.00               | 1,140.00               | 1,140.00               |
| US .....              | 1,372             | 1,267             | 1,392             | 140.00                  | 110.00                  | 116.00                  | 35,290         | 30,050      | 32,450            | 1,040.00               | 1,110.00               | 1,170.00               |

<sup>1</sup> Asparagus for fresh market and for processing is frequently harvested from the same area; therefore it is not practical to make individual area estimates for these segments. <sup>2</sup> Preliminary. <sup>3</sup> Includes a small amount of processing asparagus. <sup>4</sup> Estimate discontinued in 2002.  
 NASS, Crops Branch, (202) 720–2127.

**Table 4-7.—Lima beans for fresh market: Area, production, and value per hundredweight, by States, 2001–2003 <sup>1</sup>**

| State       | Area harvested |              |              | Production        |                   |                   | Value per unit          |                         |                         |
|-------------|----------------|--------------|--------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|             | 2001           | 2002         | 2003         | 2001              | 2002              | 2003              | 2001                    | 2002                    | 2003                    |
|             | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AL .....    | 800            | .....        | .....        | 16                | .....             | .....             | 44.00                   | .....                   | .....                   |
| GA .....    | 3,700          | .....        | .....        | 126               | .....             | .....             | 20.00                   | .....                   | .....                   |
| NC .....    | 1,100          | .....        | .....        | 33                | .....             | .....             | 45.00                   | .....                   | .....                   |
| SC .....    | 1,200          | .....        | .....        | 18                | .....             | .....             | 35.00                   | .....                   | .....                   |
| VA .....    | 290            | .....        | .....        | 9                 | .....             | .....             | 58.00                   | .....                   | .....                   |
| Total ..... | 7,090          | .....        | .....        | 202               | .....             | .....             | 29.00                   | .....                   | .....                   |

<sup>1</sup> Estimates discontinued in 2002.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-8.—Lima beans for processing: Area, production, and value per ton, by States, 2001–2003 <sup>1</sup>**

| State    | Area harvested |              |                   | Production  |             |                   | Value per unit         |                        |                        |
|----------|----------------|--------------|-------------------|-------------|-------------|-------------------|------------------------|------------------------|------------------------|
|          | 2001           | 2002         | 2003 <sup>2</sup> | 2001        | 2002        | 2003 <sup>2</sup> | 2001                   | 2002                   | 2003 <sup>2</sup>      |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| US ..... | 51,200         | 51,400       | 45,800            | 67,160      | 65,540      | 60,180            | 459.00                 | 430.00                 | 442.00                 |

<sup>1</sup> 2001 - CA, DE, IL, MD, NJ, OR, TN, WA, and WI. 2002 - CA, DE, IL, MD, OR, TN, WA, and WI. 2003 - CA, DE, IL, MD, OR, TN, WA, and WI. NJ estimates discontinued in 2002. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-9.—Snap beans for fresh market: Area, production, and value per hundredweight, by States, 2001–2003**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA ..... | 5,400          | 6,500        | 6,000             | 432               | 650               | 600               | 64.40                   | 62.60                   | 53.50                   |
| FL ..... | 33,000         | 33,700       | 32,600            | 2,772             | 2,831             | 2,673             | 52.90                   | 50.40                   | 52.20                   |
| GA ..... | 16,000         | 17,500       | 15,500            | 960               | 753               | 775               | 22.00                   | 32.00                   | 40.00                   |
| MD ..... | 2,200          | 2,100        | 2,000             | 79                | 42                | 60                | 30.00                   | 41.00                   | 35.00                   |
| MI ..... | 3,800          | 4,300        | 4,400             | 190               | 194               | 176               | 35.00                   | 38.00                   | 25.00                   |
| NJ ..... | 3,300          | 3,100        | 2,300             | 178               | 115               | 81                | 34.50                   | 40.50                   | 33.00                   |
| NY ..... | 11,400         | 10,200       | 9,800             | 638               | 561               | 392               | 63.00                   | 67.40                   | 68.00                   |
| NC ..... | 7,600          | 7,300        | 6,200             | 342               | 365               | 310               | 26.00                   | 30.00                   | 35.00                   |
| SC ..... | 1,300          | 1,400        | 1,300             | 53                | 42                | 52                | 30.00                   | 42.00                   | 49.00                   |
| TN ..... | 7,200          | 7,600        | 8,500             | 295               | 236               | 366               | 30.00                   | 35.00                   | 29.00                   |
| VA ..... | 4,700          | 5,000        | 4,800             | 216               | 190               | 230               | 34.00                   | 23.00                   | 23.00                   |
| US ..... | 95,900         | 98,700       | 93,400            | 6,155             | 5,979             | 5,715             | 45.10                   | 47.60                   | 46.90                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-10.—Snap beans for processing, commercial crop: Area, yield, production, value per ton, and total value, United States, 1994–2003**

| Year                    | Area harvested | Yield per acre | Production  | Value <sup>1</sup> |                      |
|-------------------------|----------------|----------------|-------------|--------------------|----------------------|
|                         |                |                |             | Per ton            | Total                |
|                         | <i>Acres</i>   | <i>Tons</i>    | <i>Tons</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994 .....              | 221,900        | 3.68           | 816,830     | 166.00             | 135,369              |
| 1995 .....              | 216,040        | 3.27           | 705,540     | 173.00             | 122,379              |
| 1996 .....              | 207,050        | 3.79           | 784,920     | 178.00             | 139,755              |
| 1997 .....              | 195,080        | 3.74           | 729,250     | 176.00             | 128,032              |
| 1998 .....              | 198,700        | 3.68           | 730,990     | 172.00             | 125,373              |
| 1999 .....              | 212,150        | 3.67           | 778,430     | 173.00             | 134,501              |
| 2000 .....              | 218,380        | 3.82           | 833,490     | 171.00             | 142,502              |
| 2001 .....              | 195,480        | 3.56           | 695,190     | 161.00             | 112,137              |
| 2002 .....              | 206,500        | 3.96           | 818,480     | 151.00             | 123,546              |
| 2003 <sup>2</sup> ..... | 188,300        | 3.85           | 724,390     | 157.00             | 113,879              |

<sup>1</sup> Price and value at processing plant door. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-11.—Snap beans for processing, commercial crop: Area, production, and value per ton, by States, 2001–2003**

| State                           | Area harvested |              |                   | Production  |             |                   | Value per unit         |                        |                        |
|---------------------------------|----------------|--------------|-------------------|-------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                                 | 2001           | 2002         | 2003 <sup>1</sup> | 2001        | 2002        | 2003 <sup>1</sup> | 2001                   | 2002                   | 2003 <sup>1</sup>      |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| DE .....                        |                |              | 2,900             |             |             | 9,250             |                        |                        | 192.00                 |
| IL .....                        | 12,200         | 20,600       | 16,600            | 40,960      | 62,300      | 56,040            | 195.00                 | 163.00                 | 176.00                 |
| IN .....                        | 6,500          | 6,000        | 6,200             | 15,390      | 17,860      | 17,340            | 188.00                 | 154.00                 | 169.00                 |
| MD .....                        |                |              | 1,400             |             |             | 3,100             |                        |                        | 209.00                 |
| MI .....                        | 16,000         | 16,000       | 14,300            | 56,000      | 60,030      | 45,010            | 160.00                 | 160.00                 | 160.00                 |
| NY .....                        | 22,300         | 21,300       | 21,900            | 66,110      | 63,590      | 77,380            | 174.00                 | 175.00                 | 178.00                 |
| OR .....                        | 19,300         | 18,700       | 16,000            | 121,510     | 116,250     | 100,200           | 174.00                 | 180.00                 | 178.00                 |
| PA .....                        | 7,900          | 7,500        | 7,800             | 22,690      | 20,340      | 23,190            | 213.00                 | 215.00                 | 198.00                 |
| VA .....                        |                |              | 1,000             |             |             | 2,850             |                        |                        | 242.00                 |
| WI .....                        | 68,500         | 72,200       | 66,200            | 224,860     | 317,070     | 270,840           | 125.00                 | 113.00                 | 112.00                 |
| Other States <sup>2</sup> ..... | 42,780         | 44,200       | 34,000            | 147,670     | 161,040     | 119,190           | 182.00                 | 178.00                 | 203.00                 |
| Total .....                     | 195,480        | 206,500      | 188,300           | 695,190     | 818,480     | 724,390           | 161.00                 | 151.00                 | 157.00                 |

<sup>1</sup> Preliminary. <sup>2</sup> 2001 - AR, CA, DE, FL, GA, MD, MN, MO, NJ, NC, OH, TN, TX, and VA. 2002 - AR, CA, DE, FL, GA, MD, MN, MO, NJ, NC, TX, and VA. 2003 - AR, CA, FL, GA, MN, MO, NJ, NC, and TX. OH and TN estimates discontinued in 2002.

NASS, Crops Branch, (202) 720–2127.

**Table 4-12.—Beets for canning: Area, production, and value per ton, by States, 2001–2003<sup>1</sup>**

| State                           | Area harvested |              |              | Production  |             |             | Value per unit         |                        |                        |
|---------------------------------|----------------|--------------|--------------|-------------|-------------|-------------|------------------------|------------------------|------------------------|
|                                 | 2001           | 2002         | 2003         | 2001        | 2002        | 2003        | 2001                   | 2002                   | 2003                   |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i> | <i>Tons</i> | <i>Tons</i> | <i>Tons</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| NY .....                        | 2,300          |              |              | 35,420      |             |             | 75.20                  |                        |                        |
| Other States <sup>2</sup> ..... | 4,350          |              |              | 75,760      |             |             | 61.40                  |                        |                        |
| US .....                        | 6,650          |              |              | 111,180     |             |             | 65.80                  |                        |                        |

<sup>1</sup> Estimates discontinued in 2002. <sup>2</sup> 2001 - MN, OR, and WI.

NASS, Crops Branch, (202) 720–2127.

**Table 4-13.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1994–2003<sup>1</sup>**

| Year              | Total crop       |                |                   |                    |                      | For fresh market  |                    |                      | For processing |                    |                      |
|-------------------|------------------|----------------|-------------------|--------------------|----------------------|-------------------|--------------------|----------------------|----------------|--------------------|----------------------|
|                   | Area for harvest | Yield per acre | Production        | Value <sup>2</sup> |                      | Production        | Value <sup>2</sup> |                      | Production     | Value <sup>3</sup> |                      |
|                   |                  |                |                   | Per cwt.           | Total                |                   | Per cwt.           | Total                |                | Per ton            | Total                |
|                   | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Tons</i>    | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994              | 134,100          | 117            | 15,714            | 26.70              | 419,571              | 14,152            | 27.50              | 389,659              | 78,110         | 383.00             | 29,912               |
| 1995              | 129,400          | 122            | 15,815            | 28.00              | 443,304              | 13,843            | 29.30              | 405,286              | 98,590         | 386.00             | 38,018               |
| 1996              | 133,500          | 118            | 15,693            | 26.50              | 415,695              | 14,428            | 27.10              | 391,194              | 63,250         | 387.00             | 24,501               |
| 1997              | 130,800          | 129            | 16,880            | 28.50              | 481,459              | 15,744            | 29.10              | 457,423              | 56,810         | 423.00             | 24,036               |
| 1998              | 134,300          | 129            | 17,351            | 29.50              | 511,681              | 16,228            | 30.20              | 489,912              | 56,148         | 388.00             | 21,769               |
| 1999              | 148,000          | 147            | 21,690            | 23.90              | 518,019              | 20,517            | 24.10              | 493,814              | 58,656         | 413.00             | 24,205               |
| 2000              | 144,300          | 145            | 20,880            | 30.40              | 635,691              | 20,067            | 31.00              | 623,043              | 40,670         | 311.00             | 12,648               |
| 2001              | 133,000          | 145            | 19,280            | 26.00              | 500,987              | 18,345            | 26.50              | 486,214              | 46,750         | 316.00             | 14,773               |
| 2002              | 130,400          | 139            | 18,078            | 30.70              | 554,194              | 17,298            | 31.20              | 539,140              | 39,000         | 386.00             | 15,054               |
| 2003 <sup>4</sup> | 136,600          | 148            | 20,200            | 31.50              | 636,927              | 18,611            | 32.50              | 604,907              | 79,454         | 403.00             | 32,020               |

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Price and value at processing plant door. <sup>4</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-14.—Broccoli, commercial crop: Area, production, and value per hundredweight, and per ton, by States, 2001–2003<sup>1</sup>**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 2001           | 2002         | 2003 <sup>2</sup> | 2001              | 2002              | 2003 <sup>2</sup> | 2001                    | 2002                    | 2003 <sup>2</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ ..... | 11,000         | 11,900       | 11,600            | 2,200             | 1,488             | 1,450             | 28.00                   | 45.70                   | 27.80                   |
| CA ..... | 122,000        | 118,500      | 125,000           | 17,080            | 16,590            | 18,750            | 25.70                   | 29.30                   | 31.80                   |
| US ..... | 133,000        | 130,400      | 136,600           | 19,280            | 18,078            | 20,200            | 26.00                   | 30.70                   | 31.50                   |

| State    | For fresh market  |                   |                   |                         |                         |                         | For processing |             |                   |                        |                        |                        |
|----------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|----------------|-------------|-------------------|------------------------|------------------------|------------------------|
|          | Production        |                   |                   | Value per unit          |                         |                         | Production     |             |                   | Value per unit         |                        |                        |
|          | 2001              | 2002              | 2003 <sup>2</sup> | 2001                    | 2002                    | 2003 <sup>2</sup>       | 2001           | 2002        | 2003 <sup>2</sup> | 2001                   | 2002                   | 2003 <sup>2</sup>      |
|          | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Tons</i>    | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| AZ ..... | 2,200             | 1,488             | 1,450             | 28.00                   | 45.70                   | 27.80                   | .....          | .....       | .....             | .....                  | .....                  | .....                  |
| CA ..... | 16,145            | 15,810            | 17,161            | 26.30                   | 29.80                   | 32.90                   | 46,750         | 39,000      | 79,454            | 316.00                 | 386.00                 | 403.00                 |
| US ..... | 18,345            | 17,298            | 18,611            | 26.50                   | 31.20                   | 32.50                   | 46,750         | 39,000      | 79,454            | 316.00                 | 386.00                 | 403.00                 |

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-15.—Cabbage for fresh market: Area, production, and value per hundredweight, by States, 2001–2003**

| State                 | Area harvested |              |                   | Production        |                   |                     | Value per unit          |                         |                         |
|-----------------------|----------------|--------------|-------------------|-------------------|-------------------|---------------------|-------------------------|-------------------------|-------------------------|
|                       | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1,2</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|                       | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>   | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ .....              | 2,900          | 3,500        | 3,400             | 1,160             | 1,243             | 1,258               | 10.80                   | 9.70                    | 12.10                   |
| CA .....              | 12,000         | 12,500       | 13,500            | 4,560             | 5,000             | 5,265               | 13.80                   | 14.00                   | 13.50                   |
| CO .....              | 2,200          | 2,600        | 2,800             | 990               | 1,144             | 1,120               | 8.70                    | 9.50                    | 9.50                    |
| FL .....              | 7,500          | 8,000        | 7,600             | 2,325             | 2,560             | 2,432               | 11.90                   | 11.30                   | 10.00                   |
| GA .....              | 8,100          | 8,000        | 9,000             | 2,430             | 2,360             | 1,170               | 8.70                    | 13.00                   | 12.00                   |
| IL .....              | 790            | 780          | 650               | 126               | 152               | 104                 | 19.70                   | 13.20                   | 12.00                   |
| MD <sup>3</sup> ..... | 650            | .....        | .....             | 78                | .....             | .....               | 17.00                   | .....                   | .....                   |
| MI .....              | 1,800          | 1,800        | 1,800             | 576               | 540               | 576                 | 14.00                   | 12.00                   | 10.00                   |
| NJ .....              | 1,500          | 1,600        | 1,400             | 510               | 624               | 455                 | 13.20                   | 17.10                   | 10.50                   |
| NY .....              | 13,800         | 11,600       | 9,800             | 5,520             | 4,060             | 3,822               | 16.80                   | 15.40                   | 11.10                   |
| NC .....              | 9,100          | 9,000        | 8,700             | 1,911             | 1,980             | 1,871               | 8.80                    | 9.00                    | 11.00                   |
| OH .....              | 1,400          | 1,600        | 1,500             | 588               | 552               | 465                 | 11.40                   | 11.90                   | 13.20                   |
| PA .....              | 1,900          | 1,800        | 1,900             | 171               | 342               | 371                 | 19.00                   | 13.30                   | 10.70                   |
| TX .....              | 9,300          | 8,700        | 8,700             | 3,627             | 2,784             | 2,871               | 18.20                   | 16.20                   | 21.20                   |
| VA .....              | 1,500          | 1,400        | 1,500             | 555               | 532               | 435                 | 7.00                    | 10.00                   | 9.00                    |
| WI .....              | 4,300          | 4,500        | 4,600             | 817               | 900               | 989                 | 7.20                    | 7.80                    | 9.70                    |
| Total .....           | 78,740         | 77,380       | 76,850            | 25,944            | 24,773            | 23,204              | 13.30                   | 12.90                   | 12.70                   |
| HI <sup>3</sup> ..... | 500            | .....        | .....             | 125               | .....             | .....               | 22.00                   | .....                   | .....                   |
| US .....              | 79,240         | 77,380       | 76,850            | 26,069            | 24,773            | 23,204              | 13.30                   | 12.90                   | 12.70                   |

<sup>1</sup> Preliminary. <sup>2</sup> Includes some quantities of fall storage in NY harvested but not sold because of shrinkage and loss: 2001, 552,000 cwt; 2002, 361,000 cwt; and 2003, 335,000 cwt. <sup>3</sup> Estimates discontinued in 2002.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-16.—Cabbage for kraut: Area, production, and value per ton, by States, 2001–2003<sup>1</sup>**

| State                           | Area harvested |              |              | Production  |             |             | Value per unit         |                        |                        |
|---------------------------------|----------------|--------------|--------------|-------------|-------------|-------------|------------------------|------------------------|------------------------|
|                                 | 2001           | 2002         | 2003         | 2001        | 2002        | 2003        | 2001                   | 2002                   | 2003                   |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i> | <i>Tons</i> | <i>Tons</i> | <i>Tons</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| NY .....                        | 2,600          | .....        | .....        | 73,320      | .....       | .....       | 51.50                  | .....                  | .....                  |
| WI .....                        | 3,600          | .....        | .....        | 81,470      | .....       | .....       | 47.00                  | .....                  | .....                  |
| Other States <sup>2</sup> ..... | 750            | .....        | .....        | 19,570      | .....       | .....       | 45.70                  | .....                  | .....                  |
| US .....                        | 6,950          | .....        | .....        | 174,360     | .....       | .....       | 48.70                  | .....                  | .....                  |

<sup>1</sup> Estimates discontinued in 2002. <sup>2</sup> 2001 - OH and OR.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-17.—Cantaloups for fresh market: Area, production, and value per hundredweight, by States, 2001–2003**

| State                 | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|-----------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                       | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|                       | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ .....              | 14,600         | 14,800       | 15,200            | 3,942             | 4,440             | 5,624             | 17.90                   | 13.20                   | 15.10                   |
| CA .....              | 54,500         | 52,000       | 49,000            | 13,353            | 13,000            | 12,005            | 18.90                   | 16.70                   | 15.40                   |
| CO .....              | 1,700          | 1,600        | 1,600             | 391               | 400               | 304               | 15.30                   | 16.40                   | 15.90                   |
| DE <sup>2</sup> ..... | 430            | .....        | .....             | 45                | .....             | .....             | 20.00                   | .....                   | .....                   |
| GA .....              | 5,300          | 5,700        | 6,700             | 848               | 1,254             | 1,441             | 12.00                   | 15.00                   | 12.50                   |
| IN .....              | 2,900          | 3,000        | 2,800             | 725               | 540               | 560               | 16.30                   | 16.80                   | 18.70                   |
| MD .....              | 1,600          | 1,600        | 1,600             | 176               | 176               | 107               | 20.00                   | 20.00                   | 22.00                   |
| MI <sup>2</sup> ..... | 500            | .....        | .....             | 53                | .....             | .....             | 21.00                   | .....                   | .....                   |
| PA .....              | 1,200          | 1,300        | 1,200             | 112               | 130               | 106               | 15.60                   | 22.00                   | 21.90                   |
| SC .....              | 1,500          | 1,500        | 1,200             | 150               | 90                | 144               | 13.30                   | 13.00                   | 12.00                   |
| TX .....              | 11,200         | 9,500        | 8,500             | 2,800             | 2,565             | 2,040             | 24.90                   | 31.50                   | 31.10                   |
| VA <sup>2</sup> ..... | 700            | .....        | .....             | 123               | .....             | .....             | 12.00                   | .....                   | .....                   |
| US .....              | 96,130         | 91,000       | 87,800            | 22,718            | 22,595            | 22,331            | 19.00                   | 17.60                   | 16.70                   |

<sup>1</sup> Preliminary. <sup>2</sup> Estimates discontinued in 2002. NASS, Crops Branch, (202) 720-2127.

**Table 4-18.—Carrots for fresh market, commercial crop: Area, production, and value per hundredweight, by States, 2001–2003**

| State                           | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|---------------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                                 | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ .....                        | .....          | .....        | 2,600             | .....             | .....             | 858               | .....                   | .....                   | 15.60                   |
| CA .....                        | 81,000         | 77,000       | 73,500            | 23,490            | 22,330            | 25,725            | 18.10                   | 20.30                   | 20.30                   |
| CO .....                        | 3,200          | 2,800        | 2,400             | 2,112             | 1,400             | 1,152             | 10.00                   | 10.20                   | 10.30                   |
| GA .....                        | 4,000          | 4,700        | .....             | 1,160             | 1,410             | .....             | 12.00                   | 12.00                   | .....                   |
| MI .....                        | 4,800          | 4,400        | 4,500             | 1,680             | 1,452             | 1,575             | 13.80                   | 13.00                   | 13.10                   |
| TX .....                        | 3,200          | 2,900        | 2,100             | 960               | 580               | 609               | 25.90                   | 22.00                   | 20.80                   |
| Other States <sup>2</sup> ..... | 5,560          | 5,800        | 8,700             | 2,062             | 1,905             | 3,175             | 16.30                   | 18.90                   | 16.30                   |
| US .....                        | 101,760        | 97,600       | 93,800            | 31,464            | 29,077            | 33,094            | 17.20                   | 19.00                   | 19.10                   |

<sup>1</sup> Preliminary. <sup>2</sup> 2001 - AZ, MN, OR, and WA. 2002 - AZ and WA. 2003 - GA and WA. MN and OR estimates discontinued in 2002. NASS, Crops Branch, (202) 720-2127.

**Table 4-19.—Carrots for processing, commercial crop: Area, production, and value per ton, by States, 2001–2003**

| State                           | Area harvested |              |                   | Production  |             |                   | Value per unit          |                         |                         |
|---------------------------------|----------------|--------------|-------------------|-------------|-------------|-------------------|-------------------------|-------------------------|-------------------------|
|                                 | 2001           | 2002         | 2003 <sup>1</sup> | 2001        | 2002        | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per tons</i> | <i>Dollars per tons</i> | <i>Dollars per tons</i> |
| CA .....                        | 3,300          | 2,100        | 3,500             | 96,690      | 60,270      | 113,050           | 90.50                   | 108.00                  | 100.00                  |
| MI .....                        | 1,500          | 1,400        | 1,400             | 31,500      | 32,200      | 33,600            | 69.00                   | 67.00                   | 69.00                   |
| MN .....                        | 1,000          | 900          | 850               | 23,000      | 23,400      | 21,100            | 97.60                   | 70.80                   | 53.40                   |
| TX .....                        | 2,300          | 1,900        | 1,400             | 41,960      | 34,620      | 23,050            | 49.30                   | 56.40                   | 70.60                   |
| WA .....                        | 4,500          | 4,400        | 5,100             | 144,000     | 136,400     | 153,000           | 73.00                   | 64.00                   | 68.00                   |
| WI <sup>2</sup> .....           | 4,200          | 4,700        | 3,300             | 74,890      | 108,810     | 96,030            | 67.10                   | 61.40                   | 65.60                   |
| Other States <sup>3</sup> ..... | 1,880          | .....        | .....             | 40,200      | .....       | .....             | 72.40                   | .....                   | .....                   |
| US .....                        | 18,680         | 15,400       | 15,550            | 452,240     | 395,700     | 439,830           | 74.50                   | 70.00                   | 75.20                   |

<sup>1</sup> Preliminary. <sup>2</sup> Includes a small amount of fresh market carrots. <sup>3</sup> 2001 - NJ, OH, and OR. NJ, OH, and OR estimates discontinued in 2002. NASS, Crops Branch, (202) 720-2127.

**Table 4-20.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1994–2003<sup>1</sup>**

| Year                    | Total crop       |                |                   |                    |                      | For fresh market  |                    |                      | For processing |                    |                      |
|-------------------------|------------------|----------------|-------------------|--------------------|----------------------|-------------------|--------------------|----------------------|----------------|--------------------|----------------------|
|                         | Area for harvest | Yield per acre | Production        | Value <sup>2</sup> |                      | Production        | Value <sup>2</sup> |                      | Production     | Value <sup>3</sup> |                      |
|                         |                  |                |                   | Per cwt.           | Total                |                   | Per cwt.           | Total                |                | Per ton            | Total                |
|                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Tons</i>    | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994 .....              | 58,800           | 139            | 8,190             | 28.30              | 231,411              | 7,345             | 28.80              | 211,529              | 42,290         | 470.00             | 19,882               |
| 1995 .....              | 53,350           | 137            | 7,315             | 33.30              | 243,778              | 6,484             | 34.70              | 225,020              | 41,550         | 451.00             | 18,758               |
| 1996 .....              | 48,200           | 153            | 7,354             | 32.30              | 237,342              | 6,801             | 33.00              | 224,168              | 27,640         | 477.00             | 13,174               |
| 1997 .....              | 43,500           | 158            | 6,889             | 31.60              | 217,534              | 6,323             | 32.30              | 203,957              | 28,300         | 480.00             | 13,577               |
| 1998 .....              | 44,200           | 156            | 6,897             | 32.80              | 226,560              | 5,468             | 34.50              | 188,477              | 71,450         | 533.00             | 38,083               |
| 1999 .....              | 46,400           | 167            | 7,742             | 29.00              | 224,725              | 6,958             | 30.00              | 208,659              | 39,186         | 410.00             | 16,066               |
| 2000 .....              | 43,660           | 183            | 7,970             | 31.10              | 247,592              | 7,200             | 32.00              | 230,545              | 38,480         | 443.00             | 17,047               |
| 2001 .....              | 44,050           | 159            | 7,018             | 28.40              | 199,044              | 6,230             | 29.20              | 181,649              | 39,410         | 441.00             | 17,395               |
| 2002 .....              | 43,300           | 160            | 6,943             | 31.60              | 219,113              | 6,565             | 32.00              | 209,885              | 18,910         | 488.00             | 9,228                |
| 2003 <sup>4</sup> ..... | 44,000           | 192            | 8,441             | 32.70              | 276,117              | 8,111             | 33.00              | 267,867              | 16,500         | 500.00             | 8,250                |

<sup>1</sup> Includes heading (cauliflower) broccoli. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Price and value at processing plant door. <sup>4</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-21.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 2001–2003<sup>1</sup>**

| State                 | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|-----------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                       | 2001           | 2002         | 2003 <sup>2</sup> | 2001              | 2002              | 2003 <sup>2</sup> | 2001                    | 2002                    | 2003 <sup>2</sup>       |
|                       | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ .....              | 4,500          | 4,600        | 4,200             | 900               | 805               | 840               | 29.50                   | 45.90                   | 30.40                   |
| CA .....              | 38,500         | 37,800       | 39,000            | 5,968             | 6,048             | 7,545             | 28.10                   | 29.50                   | 32.90                   |
| NY .....              | 800            | 900          | 800               | 112               | 90                | 56                | 38.60                   | 44.10                   | 37.00                   |
| OR <sup>3</sup> ..... | 250            | .....        | .....             | 38                | .....             | .....             | 17.60                   | .....                   | .....                   |
| US .....              | 44,050         | 43,300       | 44,000            | 7,018             | 6,943             | 8,441             | 28.40                   | 31.60                   | 32.70                   |

| State                           | For fresh market  |                   |                   |                         |                         |                         | For processing |             |                   |                        |                        |                        |
|---------------------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|----------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                                 | Production        |                   |                   | Value per unit          |                         |                         | Production     |             |                   | Value per unit         |                        |                        |
|                                 | 2001              | 2002              | 2003 <sup>2</sup> | 2001                    | 2002                    | 2003 <sup>2</sup>       | 2001           | 2002        | 2003 <sup>2</sup> | 2001                   | 2002                   | 2003 <sup>2</sup>      |
|                                 | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Tons</i>    | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| AZ .....                        | 900               | 805               | 840               | 29.50                   | 45.90                   | 30.40                   | .....          | .....       | .....             | .....                  | .....                  | .....                  |
| Other States <sup>4</sup> ..... | 5,330             | 5,760             | 7,271             | 29.10                   | 30.00                   | 33.30                   | 39,410         | 18,910      | 16,500            | 441.00                 | 488.00                 | 500.00                 |
| US .....                        | 6,230             | 6,565             | 8,111             | 29.20                   | 32.00                   | 33.00                   | 39,410         | 18,910      | 16,500            | 441.00                 | 488.00                 | 500.00                 |

<sup>1</sup> Includes heading (cauliflower) broccoli. <sup>2</sup> Preliminary. <sup>3</sup> Estimates discontinued in 2002. <sup>4</sup> 2001 - CA, NY, and OR. 2002 - 2003 - CA and NY.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-22.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 2001–2003 <sup>1</sup>**

| State                 | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|-----------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                       | 2001           | 2002         | 2003 <sup>2</sup> | 2001              | 2002              | 2003 <sup>2</sup> | 2001                    | 2002                    | 2003 <sup>2</sup>       |
|                       | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA .....              | 25,500         | 25,000       | 25,300            | 17,723            | 17,750            | 17,710            | 14.40                   | 12.70                   | 13.50                   |
| MI .....              | 1,900          | 2,100        | 2,200             | 873               | 987               | 1,166             | 14.50                   | 14.60                   | 15.10                   |
| TX <sup>3</sup> ..... | 400            | .....        | .....             | 260               | .....             | .....             | 15.00                   | .....                   | .....                   |
| US .....              | 27,800         | 27,100       | 27,500            | 18,856            | 18,737            | 18,876            | 14.40                   | 12.80                   | 13.60                   |

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup> Preliminary. <sup>3</sup> Estimates discontinued in 2002.

NASS, Crops Branch, (202) 720-2127.

**Table 4-23.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1994–2003 <sup>1</sup>**

| Year              | Area for harvest | Yield per acre | Production        | Value <sup>2</sup> |                      |
|-------------------|------------------|----------------|-------------------|--------------------|----------------------|
|                   |                  |                |                   | Per cwt.           | Total                |
|                   | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994 ...          | 28,500           | 660            | 18,798            | 11.80              | 220,892              |
| 1995 ...          | 27,550           | 658            | 18,120            | 16.30              | 294,971              |
| 1996 ...          | 27,840           | 683            | 19,015            | 10.50              | 199,877              |
| 1997 ...          | 26,910           | 673            | 18,119            | 14.70              | 266,321              |
| 1998 ...          | 27,200           | 662            | 18,000            | 12.30              | 220,623              |
| 1999 ...          | 27,500           | 681            | 18,727            | 12.00              | 224,702              |
| 2000 ...          | 26,200           | 703            | 18,425            | 18.50              | 341,391              |
| 2001 ...          | 27,800           | 678            | 18,856            | 14.40              | 272,391              |
| 2002 ...          | 27,100           | 691            | 18,737            | 12.80              | 239,846              |
| 2003 <sup>3</sup> | 27,500           | 686            | 18,876            | 13.60              | 257,338              |

<sup>1</sup> Mostly for fresh market use, but includes quantities used for processing. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 4-24.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1994–2003**

| Year                    | For fresh market |                |                   |                    |                      | For processing   |                |             |                    |                      |
|-------------------------|------------------|----------------|-------------------|--------------------|----------------------|------------------|----------------|-------------|--------------------|----------------------|
|                         | Area for harvest | Yield per acre | Production        | Value <sup>1</sup> |                      | Area for harvest | Yield per acre | Production  | Value <sup>2</sup> |                      |
|                         |                  |                |                   | Per cwt.           | Total                |                  |                |             | Per ton            | Total                |
|                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Acres</i>     | <i>Tons</i>    | <i>Tons</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994 .....              | 225,900          | 98             | 22,121            | 17.20              | 380,213              | 516,100          | 7.23           | 3,731,040   | 68.60              | 256,087              |
| 1995 .....              | 225,200          | 97             | 21,792            | 18.30              | 397,769              | 483,910          | 6.87           | 3,324,150   | 75.60              | 251,156              |
| 1996 .....              | 227,800          | 102            | 23,127            | 16.90              | 390,737              | 474,200          | 6.95           | 3,296,330   | 78.50              | 258,840              |
| 1997 .....              | 236,400          | 100            | 23,641            | 17.70              | 418,617              | 465,800          | 7.18           | 3,342,330   | 74.90              | 250,329              |
| 1998 .....              | 237,400          | 111            | 26,311            | 17.20              | 452,410              | 467,300          | 6.97           | 3,255,560   | 73.30              | 238,748              |
| 1999 .....              | 237,300          | 109            | 25,786            | 17.20              | 443,276              | 466,300          | 7.07           | 3,297,390   | 71.10              | 234,418              |
| 2000 .....              | 246,100          | 107            | 26,401            | 18.20              | 480,706              | 459,700          | 6.86           | 3,155,540   | 73.40              | 231,600              |
| 2001 .....              | 251,600          | 109            | 27,383            | 19.50              | 534,586              | 446,450          | 7.04           | 3,142,840   | 72.90              | 229,204              |
| 2002 .....              | 253,200          | 107            | 27,106            | 19.20              | 521,480              | 419,800          | 7.35           | 3,083,890   | 68.20              | 210,306              |
| 2003 <sup>3</sup> ..... | 253,300          | 116            | 29,403            | 19.10              | 562,572              | 435,300          | 7.62           | 3,318,250   | 70.80              | 234,852              |

<sup>1</sup> Price and value on f.o.b. basis. <sup>2</sup> Price and value at processing plant door. <sup>3</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.



**Table 4-25.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 2001–2003**

| Utilization and State           | Area harvested |              |                   | Production              |                         |                         | Value per unit          |                         |                         |
|---------------------------------|----------------|--------------|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                                 | 2001           | 2002         | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       | 2001                    | 2002                    | 2003 <sup>1</sup>       |
| <b>FOR FRESH MARKET</b>         | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i>       | <i>1,000 cwt.</i>       | <i>1,000 cwt.</i>       | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AL .....                        | 1,500          | 1,700        | 1,400             | 102                     | 116                     | 92                      | 17.60                   | 17.00                   | 17.20                   |
| CA .....                        | 22,000         | 26,000       | 28,500            | 3,740                   | 4,550                   | 5,415                   | 22.30                   | 19.40                   | 21.10                   |
| CO .....                        | 7,900          | 8,500        | 8,000             | 1,106                   | 1,020                   | 1,360                   | 7.70                    | 10.20                   | 9.10                    |
| CT .....                        | 4,600          | 3,900        | 3,600             | 253                     | 273                     | 216                     | 24.50                   | 25.00                   | 27.50                   |
| DE .....                        | 3,800          | 3,800        | 3,500             | 380                     | 323                     | 235                     | 17.00                   | 19.00                   | 20.00                   |
| FL .....                        | 37,900         | 40,800       | 38,700            | 5,306                   | 5,712                   | 5,612                   | 22.10                   | 17.60                   | 17.10                   |
| GA .....                        | 25,000         | 25,000       | 20,000            | 3,250                   | 3,125                   | 2,800                   | 14.60                   | 14.00                   | 16.50                   |
| IL .....                        | 5,700          | 5,600        | 5,600             | 559                     | 560                     | 414                     | 26.00                   | 16.80                   | 17.90                   |
| IN .....                        | 6,000          | 5,100        | 5,100             | 468                     | 337                     | 372                     | 22.40                   | 23.00                   | 23.60                   |
| ME .....                        | 2,000          | 2,000        | 2,000             | 110                     | 110                     | 120                     | 32.50                   | 34.00                   | 32.50                   |
| MD .....                        | 10,900         | 10,500       | 9,600             | 916                     | 525                     | 614                     | 18.00                   | 22.00                   | 19.00                   |
| MA .....                        | 6,700          | 6,700        | 6,600             | 436                     | 469                     | 495                     | 33.50                   | 30.00                   | 31.50                   |
| MI .....                        | 9,000          | 10,000       | 9,500             | 540                     | 800                     | 855                     | 22.00                   | 21.00                   | 16.60                   |
| NH .....                        | 1,800          | 1,500        | 1,800             | 99                      | 75                      | 126                     | 40.00                   | 42.50                   | 42.00                   |
| NJ .....                        | 8,900          | 8,500        | 7,800             | 890                     | 791                     | 507                     | 17.60                   | 21.80                   | 23.90                   |
| NY .....                        | 33,400         | 31,800       | 35,600            | 3,841                   | 3,498                   | 4,094                   | 17.80                   | 23.90                   | 20.60                   |
| NC .....                        | 8,200          | 8,100        | 8,200             | 861                     | 729                     | 820                     | 14.80                   | 15.50                   | 16.00                   |
| OH .....                        | 15,400         | 14,400       | 15,200            | 1,309                   | 1,253                   | 1,474                   | 18.40                   | 21.20                   | 19.70                   |
| OR .....                        | 5,100          | 5,400        | 5,900             | 867                     | 918                     | 974                     | 13.90                   | 10.90                   | 12.00                   |
| PA .....                        | 17,100         | 15,700       | 18,800            | 701                     | 628                     | 1,166                   | 26.50                   | 31.80                   | 24.90                   |
| RI .....                        | 900            | 700          | 700               | 68                      | 46                      | 63                      | 31.00                   | 31.00                   | 31.00                   |
| TX .....                        | 3,900          | 3,600        | 2,900             | 390                     | 288                     | 261                     | 18.00                   | 20.70                   | 20.60                   |
| VT .....                        | 1,000          | 900          | 1,100             | 50                      | 45                      | 88                      | 33.50                   | 34.50                   | 36.00                   |
| VA .....                        | 3,300          | 2,900        | 3,000             | 281                     | 104                     | 198                     | 30.00                   | 23.00                   | 16.00                   |
| WA .....                        | 2,300          | 2,600        | 3,000             | 276                     | 338                     | 420                     | 22.30                   | 21.10                   | 18.20                   |
| WI .....                        | 7,300          | 7,500        | 7,200             | 584                     | 473                     | 612                     | 19.00                   | 21.00                   | 23.00                   |
| US .....                        | 251,600        | 253,200      | 253,300           | 27,383                  | 27,106                  | 29,403                  | 19.50                   | 19.20                   | 19.10                   |
| <b>FOR PROCESSING</b>           | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons<sup>2</sup></i> | <i>Tons<sup>2</sup></i> | <i>Tons<sup>2</sup></i> | <i>Dollars per ton</i>  | <i>Dollars per ton</i>  | <i>Dollars per ton</i>  |
| DE .....                        |                |              | 18,100            |                         |                         | 108,600                 |                         |                         | 97.50                   |
| IL .....                        | 17,500         | 13,800       |                   | 116,610                 | 80,040                  |                         | 126.00                  | 93.00                   |                         |
| MD .....                        |                |              | 5,500             |                         |                         | 31,000                  |                         |                         | 93.10                   |
| MN .....                        | 130,200        | 136,900      | 139,400           | 794,720                 | 884,630                 | 938,800                 | 68.80                   | 64.60                   | 64.50                   |
| NY .....                        | 29,200         | 16,800       | 14,400            | 160,600                 | 89,040                  | 108,780                 | 73.70                   | 69.70                   | 78.40                   |
| OR .....                        | 29,100         | 33,000       | 30,100            | 226,870                 | 263,580                 | 271,680                 | 80.10                   | 78.30                   | 81.00                   |
| PA .....                        | 650            | 1,400        | 770               | 4,880                   | 6,660                   | 3,970                   | 105.00                  | 77.30                   | 85.90                   |
| WA .....                        | 95,100         | 95,300       | 98,300            | 853,560                 | 899,200                 | 900,540                 | 70.40                   | 72.40                   | 76.90                   |
| WI .....                        | 98,800         | 84,200       | 92,100            | 657,640                 | 596,050                 | 681,420                 | 65.80                   | 56.20                   | 62.30                   |
| Other States <sup>3</sup> ..... | 45,900         | 38,400       | 36,630            | 327,960                 | 264,690                 | 273,460                 | 79.00                   | 74.50                   | 66.60                   |
| US .....                        | 446,450        | 419,800      | 435,300           | 3,142,840               | 3,083,890               | 3,318,250               | 72.90                   | 68.20                   | 70.80                   |
| Grand total .....               | 698,050        | 673,000      | 688,600           | 4,511,990               | 4,439,190               | 4,788,400               |                         |                         |                         |

<sup>1</sup> Preliminary. <sup>2</sup> Tonnage in husk. <sup>3</sup> 2001 - DE, ID, IA, MD, NJ, and TN. 2002 - DE, ID, IA, MD, NJ, and TN. 2003 - ID, IL, IA, NJ, and TN.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-26.—Cucumbers for fresh market: Area, production, and value per hundredweight, by States, 2001–2003**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA ..... | 4,700          | 4,300        | 4,000             | 1,128             | 1,032             | 1,080             | 30.00                   | 27.80                   | 33.30                   |
| FL ..... | 7,300          | 10,300       | 11,200            | 2,665             | 2,884             | 2,576             | 22.60                   | 20.80                   | 20.50                   |
| GA ..... | 14,500         | 14,600       | 14,600            | 2,538             | 2,920             | 2,482             | 12.80                   | 11.30                   | 10.60                   |
| MD ..... | 1,300          | 1,200        | 1,300             | 85                | 84                | 72                | 23.00                   | 28.00                   | 25.00                   |
| MI ..... | 5,500          | 6,000        | 6,400             | 1,210             | 1,140             | 1,024             | 20.00                   | 18.00                   | 20.40                   |
| NJ ..... | 2,700          | 3,000        | 3,000             | 594               | 675               | 600               | 15.90                   | 17.70                   | 20.00                   |
| NY ..... | 4,300          | 4,600        | 4,800             | 731               | 828               | 528               | 27.50                   | 27.20                   | 23.60                   |
| NC ..... | 6,900          | 7,000        | 6,500             | 828               | 805               | 780               | 13.00                   | 15.00                   | 17.00                   |
| SC ..... | 1,900          | 2,000        | 1,900             | 266               | 280               | 209               | 14.20                   | 25.00                   | 25.90                   |
| TX ..... | 1,800          | 1,800        | 1,400             | 378               | 450               | 322               | 24.20                   | 24.60                   | 21.00                   |
| VA ..... | 3,500          | 3,500        | 4,000             | 333               | 315               | 440               | 14.00                   | 16.00                   | 22.00                   |
| US ..... | 54,400         | 58,300       | 59,100            | 10,756            | 11,413            | 10,113            | 19.60                   | 18.80                   | 19.50                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-27.—Cucumbers (for pickles), commercial crop: Area, yield, production, value per ton, total value, and pickle stocks, United States, 1994–2003**

| Year                    | For processing |                |             |                    |                      | Pickle stocks on hand Dec. 1 <sup>2</sup> |
|-------------------------|----------------|----------------|-------------|--------------------|----------------------|---|
|                         | Area harvested | Yield per acre | Production  | Value <sup>1</sup> |                      |   |
|                         |                |                |             | Per ton            | Total                |   |
|                         | <i>Acres</i>   | <i>Tons</i>    | <i>Tons</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Tons</i>                               |
| 1994 .....              | 116,640        | 5.43           | 633,518     | 219.00             | 139,044              | 458,150                                   |
| 1995 .....              | 117,090        | 5.22           | 611,180     | 222.00             | 135,933              | 372,600                                   |
| 1996 .....              | 105,200        | 5.36           | 563,689     | 248.00             | 139,985              | 392,970                                   |
| 1997 .....              | 103,370        | 6.00           | 620,100     | 234.00             | 145,371              | 282,190                                   |
| 1998 .....              | 102,870        | 5.77           | 593,720     | 237.00             | 140,553              | 359,512                                   |
| 1999 .....              | 105,300        | 5.97           | 628,360     | 238.00             | 149,839              | 452,445                                   |
| 2000 .....              | 104,710        | 5.86           | 613,160     | 269.00             | 164,956              | 387,544                                   |
| 2001 .....              | 108,260        | 5.37           | 581,540     | 291.00             | 168,958              | 552,303                                   |
| 2002 .....              | 117,800        | 5.26           | 619,310     | 273.00             | 169,006              | 300,580                                   |
| 2003 <sup>3</sup> ..... | 118,800        | 5.46           | 648,430     | 275.00             | 178,328              | 526,173                                   |

<sup>1</sup> Price and value at processing plant door. <sup>2</sup> Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Dec. 1. Includes stocks of fresh-pack pickles. <sup>3</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-28.—Cucumbers (for pickles), commercial crop: Area, production, and value per ton, by States, 2001–2003**

| State                   | Area harvested |              |                   | Production  |             |                   | Value per unit         |                        |                        |
|-------------------------|----------------|--------------|-------------------|-------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                         | 2001           | 2002         | 2003 <sup>1</sup> | 2001        | 2002        | 2003 <sup>1</sup> | 2001                   | 2002                   | 2003 <sup>1</sup>      |
|                         | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| FL .....                | 6,500          | 6,500        | 6,500             | 70,850      | 70,850      | 70,850            | 451.00                 | 461.00                 | 465.00                 |
| IN .....                | 1,800          | 1,600        | 1,700             | 11,300      | 9,760       | 10,100            | 179.00                 | 154.00                 | 187.00                 |
| MD .....                | .....          | .....        | 4,300             | .....       | .....       | 19,350            | .....                  | .....                  | 280.00                 |
| MI .....                | 29,500         | 34,500       | 33,500            | 125,380     | 158,700     | 180,900           | 246.00                 | 190.00                 | 200.00                 |
| NC .....                | 17,600         | 18,000       | 17,400            | 86,240      | 81,000      | 80,040            | 280.00                 | 290.00                 | 295.00                 |
| OH .....                | 2,700          | 2,400        | 2,200             | 29,400      | 28,700      | 27,940            | 370.00                 | 358.00                 | 337.00                 |
| SC .....                | 3,300          | 3,700        | 4,000             | 16,170      | 14,130      | 18,400            | 200.00                 | 236.00                 | 239.00                 |
| TX .....                | 11,000         | 11,000       | 8,000             | 55,000      | 55,000      | 42,400            | 346.00                 | 436.00                 | 412.00                 |
| WI .....                | 5,000          | 5,600        | 5,500             | 30,100      | 31,750      | 36,080            | 195.00                 | 169.00                 | 178.00                 |
| Oth Sts <sup>2</sup> .. | 30,860         | 34,500       | 35,700            | 157,100     | 169,420     | 162,370           | 261.00                 | 226.00                 | 250.00                 |
| US .....                | 108,260        | 117,800      | 118,800           | 581,540     | 619,310     | 648,430           | 291.00                 | 273.00                 | 275.00                 |

<sup>1</sup> Preliminary. <sup>2</sup> 2001 - AL, CA, DE, GA, MD, MA, MO, NJ, NY, VA, and WA. 2002 - AL, CA, DE, GA, MD, MA, MO, and WA. 2003 - AL, CA, DE, GA, MA, MO, and WA. NJ, NY, and VA estimates discontinued in 2002.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-29.—Eggplant for fresh market: Area, production, and value per hundredweight, by States, 2001–2003 <sup>1</sup>**

| State       | Area harvested |              |              | Production        |                   |                   | Value per unit          |                         |                         |
|-------------|----------------|--------------|--------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|             | 2001           | 2002         | 2003         | 2001              | 2002              | 2003              | 2001                    | 2002                    | 2003                    |
|             | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA .....    | 1,400          | .....        | .....        | 329               | .....             | .....             | 24.50                   | .....                   | .....                   |
| CT .....    | 100            | .....        | .....        | 8                 | .....             | .....             | 30.00                   | .....                   | .....                   |
| FL .....    | 1,600          | .....        | .....        | 400               | .....             | .....             | 33.50                   | .....                   | .....                   |
| GA .....    | 450            | .....        | .....        | 281               | .....             | .....             | 18.00                   | .....                   | .....                   |
| MA .....    | 50             | .....        | .....        | 5                 | .....             | .....             | 35.00                   | .....                   | .....                   |
| NJ .....    | 800            | .....        | .....        | 160               | .....             | .....             | 18.90                   | .....                   | .....                   |
| NY .....    | 520            | .....        | .....        | 120               | .....             | .....             | 40.70                   | .....                   | .....                   |
| NC .....    | 310            | .....        | .....        | 37                | .....             | .....             | 21.00                   | .....                   | .....                   |
| Total ..... | 5,230          | .....        | .....        | 1,340             | .....             | .....             | 26.60                   | .....                   | .....                   |
| HI .....    | 70             | .....        | .....        | 14                | .....             | .....             | 70.00                   | .....                   | .....                   |
| US .....    | 5,300          | .....        | .....        | 1,354             | .....             | .....             | 27.00                   | .....                   | .....                   |

<sup>1</sup> Estimates discontinued in 2002.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-30.—Escarole/Endive for fresh market: Area, production, and value per hundredweight, by States, 2001–2003 <sup>1</sup>**

| State                      | Area harvested |              |              | Production        |                   |                   | Value per unit          |                         |                         |
|----------------------------|----------------|--------------|--------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                            | 2001           | 2002         | 2003         | 2001              | 2002              | 2003              | 2001                    | 2002                    | 2003                    |
|                            | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA .....                   | 2,400          | .....        | .....        | 360               | .....             | .....             | 35.50                   | .....                   | .....                   |
| FL .....                   | .....          | .....        | .....        | .....             | .....             | .....             | .....                   | .....                   | .....                   |
| NJ .....                   | .....          | .....        | .....        | .....             | .....             | .....             | .....                   | .....                   | .....                   |
| NY .....                   | 260            | .....        | .....        | 73                | .....             | .....             | 36.60                   | .....                   | .....                   |
| OH .....                   | 410            | .....        | .....        | 94                | .....             | .....             | 26.00                   | .....                   | .....                   |
| Oth Sts <sup>2</sup> ..... | 2,100          | .....        | .....        | 406               | .....             | .....             | 23.70                   | .....                   | .....                   |
| US .....                   | 5,170          | .....        | .....        | 933               | .....             | .....             | 29.50                   | .....                   | .....                   |

<sup>1</sup> Estimates discontinued in 2002. <sup>2</sup> 2001 - FL and NJ.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-31.—Garlic for fresh market and processing: Area, production, and value per hundredweight, by States, 2001–2003**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA ..... | 30,000         | 27,000       | 29,000            | 5,100             | 4,725             | 5,365             | 31.50                   | 29.60                   | 24.90                   |
| NV ..... | 1,400          | 1,100        | 1,200             | 174               | 187               | 182               | 17.00                   | 20.00                   | 21.00                   |
| OR ..... | 3,800          | 4,700        | 4,800             | 603               | 738               | 694               | 16.00                   | 16.10                   | 14.90                   |
| US ..... | 35,200         | 32,800       | 35,000            | 5,877             | 5,650             | 6,241             | 29.40                   | 27.60                   | 23.7 0                  |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-32.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1994–2003**

| Year                    | Area for harvest | Yield per acre | Production        | Value <sup>1</sup> |                      |
|-------------------------|------------------|----------------|-------------------|--------------------|----------------------|
|                         |                  |                |                   | Per cwt.           | Total                |
|                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994 .....              | 27,100           | 174            | 4,724             | 16.40              | 77,473               |
| 1995 .....              | 26,000           | 167            | 4,332             | 20.60              | 89,193               |
| 1996 .....              | 27,300           | 174            | 4,737             | 17.00              | 80,405               |
| 1997 .....              | 26,600           | 182            | 4,828             | 18.90              | 91,040               |
| 1998 .....              | 25,500           | 192            | 4,887             | 21.10              | 103,291              |
| 1999 .....              | 27,500           | 193            | 5,307             | 21.60              | 114,727              |
| 2000 .....              | 26,000           | 193            | 5,008             | 19.20              | 96,181               |
| 2001 .....              | 24,200           | 189            | 4,576             | 21.10              | 96,663               |
| 2002 .....              | 24,600           | 208            | 5,127             | 18.00              | 92,470               |
| 2003 <sup>2</sup> ..... | 24,200           | 204            | 4,928             | 18.90              | 93,241               |

<sup>1</sup> Price and value on f.o.b. basis. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-33.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 2001–2003**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ ..... | 2,400          | 2,500        | 3,000             | 516               | 775               | 750               | 19.70                   | 16.40                   | 14.70                   |
| CA ..... | 20,000         | 20,400       | 19,500            | 3,700             | 3,774             | 3,608             | 19.70                   | 16.80                   | 17.40                   |
| TX ..... | 1,800          | 1,700        | 1,700             | 360               | 578               | 570               | 37.80                   | 28.30                   | 34.10                   |
| US ..... | 24,200         | 24,600       | 24,200            | 4,576             | 5,127             | 4,928             | 21.10                   | 18.00                   | 18.90                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-34.—Head lettuce, commercial crop: Area, production, and value per hundredweight, by States, 2001–2003**

| State         | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|---------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|               | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|               | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ:           |                |              |                   |                   |                   |                   |                         |                         |                         |
| Western ..... | 51,800         | 50,000       | 47,000            | 20,202            | 18,000            | 16,920            | 16.50                   | 38.70                   | 10.30                   |
| Other .....   | 1,500          | 700          | 700               | 558               | 161               | 70                | 15.00                   | 23.30                   | 12.30                   |
| CA .....      | 128,000        | 130,000      | 135,000           | 48,640            | 49,400            | 47,250            | 18.50                   | 14.90                   | 21.10                   |
| CO .....      | 2,000          | 2,700        | 1,800             | 700               | 810               | 522               | 12.00                   | 12.20                   | 11.00                   |
| NJ .....      | 1,000          | 1,000        | 900               | 250               | 150               | 158               | 33.90                   | 37.20                   | 22.00                   |
| US .....      | 184,300        | 184,400      | 185,400           | 70,350            | 68,521            | 64,920            | 17.90                   | 21.20                   | 18.20                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-35.—Head lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1994–2003**

| Year                    | Area for harvest | Yield per acre | Production        | Value <sup>1</sup> |                      |
|-------------------------|------------------|----------------|-------------------|--------------------|----------------------|
|                         |                  |                |                   | Per cwt.           | Total                |
|                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994 .....              | 220,950          | 317            | 70,058            | 13.30              | 934,472              |
| 1995 .....              | 197,160          | 316            | 62,349            | 23.50              | 1,463,348            |
| 1996 .....              | 217,600          | 285            | 62,072            | 14.70              | 912,586              |
| 1997 .....              | 203,000          | 339            | 68,794            | 17.50              | 1,201,899            |
| 1998 .....              | 198,400          | 320            | 63,401            | 16.10              | 1,023,427            |
| 1999 .....              | 192,800          | 365            | 70,321            | 13.30              | 936,252              |
| 2000 .....              | 184,900          | 377            | 69,628            | 17.40              | 1,208,306            |
| 2001 .....              | 184,300          | 382            | 70,350            | 17.90              | 1,258,418            |
| 2002 .....              | 184,400          | 372            | 68,521            | 21.20              | 1,451,873            |
| 2003 <sup>2</sup> ..... | 185,400          | 350            | 64,920            | 18.20              | 1,181,330            |

<sup>1</sup> Price and value on f.o.b. basis. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720–2127.

**Table 4-36.—Leaf lettuce for fresh market: Area, production, and value per hundredweight, by States, 2001–2003**

| State                      | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                            | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|                            | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ .....                   | 5,800          | 7,900        | 8,400             | 1,827             | 2,489             | 1,638             | 41.40                   | 61.80                   | 29.60                   |
| CA .....                   | 46,000         | 48,000       | 50,000            | 9,890             | 11,520            | 10,000            | 24.90                   | 27.70                   | 29.80                   |
| Oth Sts <sup>2</sup> ..... | 700            | .....        | .....             | 107               | .....             | .....             | .....                   | .....                   | .....                   |
| US .....                   | 52,500         | 55,900       | 58,400            | 11,824            | 14,009            | 11,638            | 27.40                   | 33.80                   | 29.80                   |

<sup>1</sup> Preliminary. <sup>2</sup> 2001 FL and NJ. FL and NJ estimates discontinued in 2002.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-37.—Romaine lettuce for fresh market: Area, production, and value per hundredweight, by States, 2001–2003**

| State                      | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                            | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|                            | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ .....                   | 12,300         | 13,300       | 16,500            | 3,813             | 3,658             | 4,868             | 24.90                   | 43.40                   | 19.20                   |
| CA .....                   | 40,500         | 47,000       | 51,000            | 11,340            | 14,805            | 15,300            | 17.50                   | 19.50                   | 30.60                   |
| Oth Sts <sup>2</sup> ..... | 1,800          | .....        | .....             | 334               | .....             | .....             | 14.60                   | .....                   | .....                   |
| US .....                   | 54,600         | 60,300       | 67,500            | 15,487            | 18,463            | 20,168            | 19.30                   | 24.20                   | 27.80                   |

<sup>1</sup> Preliminary. <sup>2</sup> 2001 - FL and NJ. FL and NJ estimates discontinued in 2002.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-38.—Misc Crops for fresh market and processing: Area, production, and value per hundredweight, by States, 2001–2003**

| Crop                                | Area harvested |              |              | Production        |                   |                   | Value per unit          |                         |                         |
|-------------------------------------|----------------|--------------|--------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                                     | 2001           | 2002         | 2003         | 2001              | 2002              | 2003              | 2001                    | 2002                    | 2003                    |
|                                     | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| Artichokes .....                    | 8,000          | 8,200        | 7,200        | 1,000             | 943               | 1,008             | 58.60                   | 71.50                   | 73.40                   |
| Brussels Sprouts <sup>1</sup> ..... | 2,200          | .....        | .....        | 396               | .....             | .....             | 36.50                   | .....                   | .....                   |

<sup>1</sup> Estimates discontinued in 2002.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-39.—Onions (fresh market): Foreign trade, United States, 1993–2002<sup>1</sup>**

| Year beginning July | Imports           |  |  | Domestic exports  |       |  |
|---------------------|-------------------|--|--|-------------------|-------|--|
|                     | <i>1,000 cwt.</i> |  |  | <i>1,000 cwt.</i> |       |  |
| 1993 .....          |                   |  |  | 5,729             | 4,397 |  |
| 1994 .....          |                   |  |  | 4,751             | 7,975 |  |
| 1995 .....          |                   |  |  | 5,725             | 5,942 |  |
| 1996 .....          |                   |  |  | 5,875             | 5,814 |  |
| 1997 .....          |                   |  |  | 5,537             | 6,589 |  |
| 1998 .....          |                   |  |  | 5,312             | 5,666 |  |
| 1999 .....          |                   |  |  | 5,005             | 7,040 |  |
| 2000 .....          |                   |  |  | 5,671             | 7,964 |  |
| 2001 .....          |                   |  |  | 5,925             | 6,788 |  |
| 2002 .....          |                   |  |  | 6,325             | 6,833 |  |

<sup>1</sup> Includes onion sets and pearl onions.  
ERS, Specialty Crops Branch, (202) 694-5253. Compiled from reports of the U.S. Department of Commerce.

**Table 4-40.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, and total value, United States, 1994–2003<sup>1</sup>**

| Year              | Area for harvest | Yield per acre | Production <sup>2</sup> | Shrinkage and loss | Value <sup>3</sup> |                      |
|-------------------|------------------|----------------|-------------------------|--------------------|--------------------|----------------------|
|                   |                  |                |                         |                    | Per cwt.           | Total                |
|                   | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i>       | <i>1,000 cwt.</i>  | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994 ...          | 164,650          | 397            | 65,313                  | 6,138              | 10.80              | 639,397              |
| 1995 ...          | 166,800          | 392            | 65,374                  | 7,219              | 11.10              | 645,748              |
| 1996 ...          | 166,210          | 386            | 64,106                  | 6,678              | 10.50              | 604,789              |
| 1997 ...          | 165,910          | 414            | 68,769                  | 7,540              | 12.60              | 769,974              |
| 1998 ...          | 171,340          | 393            | 67,282                  | 6,368              | 13.80              | 838,441              |
| 1999 ...          | 173,400          | 424            | 73,562                  | 8,823              | 9.78               | 632,969              |
| 2000 ...          | 166,170          | 432            | 71,721                  | 6,701              | 11.30              | 736,369              |
| 2001 ...          | 161,590          | 419            | 67,653                  | 6,166              | 11.40              | 697,950              |
| 2002 ...          | 160,220          | 424            | 67,928                  | 5,965              | 12.40              | 767,913              |
| 2003 <sup>4</sup> | 159,490          | 437            | 69,727                  | 5,918              | 15.00              | 958,032              |

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup> Includes storage crop onions harvested but not sold because of shrinkage and waste. <sup>3</sup> Price and value on f.o.b. basis. <sup>4</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-41.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 2001–2003<sup>1</sup>**

| Season and State            | Area harvested |              |                   | Production        |                   |                   | Shrinkage and loss |                   |                   | Value per unit          |                         |                         |
|-----------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                             | 2001           | 2002         | 2003 <sup>2</sup> | 2001              | 2002              | 2003 <sup>2</sup> | 2001               | 2002              | 2003 <sup>2</sup> | 2001                    | 2002                    | 2003 <sup>2</sup>       |
|                             | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>  | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| <b>Spring:</b>              |                |              |                   |                   |                   |                   |                    |                   |                   |                         |                         |                         |
| AZ .....                    | 3,000          | 1,500        | 1,500             | 1,290             | 690               | 750               | .....              | .....             | .....             | 8.00                    | 8.35                    | 9.89                    |
| CA .....                    | 6,200          | 6,200        | 6,700             | 2,666             | 2,945             | 3,283             | .....              | .....             | .....             | 13.50                   | 14.20                   | 22.90                   |
| GA .....                    | 13,500         | 11,500       | 12,500            | 2,565             | 1,438             | 2,188             | .....              | .....             | .....             | 27.50                   | 32.20                   | 34.30                   |
| TX .....                    | 14,200         | 15,000       | 11,000            | 4,615             | 4,725             | 3,520             | .....              | .....             | .....             | 18.50                   | 21.40                   | 38.10                   |
| Total .....                 | 36,900         | 34,200       | 31,700            | 11,136            | 9,798             | 9,741             | .....              | .....             | .....             | 18.20                   | 19.90                   | 30.00                   |
| <b>Summer:</b>              |                |              |                   |                   |                   |                   |                    |                   |                   |                         |                         |                         |
| <b>Non-storage:</b>         |                |              |                   |                   |                   |                   |                    |                   |                   |                         |                         |                         |
| CA .....                    | 7,000          | 7,200        | 7,500             | 3,150             | 3,456             | 3,750             | .....              | .....             | .....             | 13.50                   | 12.90                   | 13.70                   |
| NV .....                    | 2,900          | 3,300        | 3,100             | 1,334             | 1,848             | 1,860             | .....              | .....             | .....             | 12.00                   | 13.00                   | 16.00                   |
| NM .....                    | 7,700          | 8,000        | 7,700             | 3,773             | 4,400             | 4,235             | .....              | .....             | .....             | 14.40                   | 12.50                   | 14.50                   |
| TX .....                    | 2,600          | 2,800        | 2,500             | 1,040             | 980               | 1,000             | .....              | .....             | .....             | 20.20                   | 22.20                   | 24.60                   |
| WA .....                    | 800            | 1,100        | 1,400             | 288               | 396               | 518               | .....              | .....             | .....             | 19.40                   | 23.90                   | 33.80                   |
| Non-storage total .....     | 21,000         | 22,400       | 22,200            | 9,585             | 11,080            | 11,363            | .....              | .....             | .....             | 14.50                   | 14.00                   | 16.30                   |
| <b>Storage:<sup>3</sup></b> |                |              |                   |                   |                   |                   |                    |                   |                   |                         |                         |                         |
| CA <sup>4</sup> .....       | 29,800         | 30,400       | 33,400            | 12,069            | 12,464            | 13,527            | 250                | 250               | 250               | 7.26                    | 7.27                    | 7.22                    |
| CO .....                    | 12,000         | 11,000       | 9,600             | 4,140             | 4,400             | 3,936             | 660                | 700               | 510               | 12.40                   | 14.40                   | 14.90                   |
| ID .....                    | 7,800          | 7,900        | 8,200             | 4,992             | 5,056             | 4,920             | 700                | 700               | 800               | 8.10                    | 11.80                   | 14.00                   |
| MI .....                    | 3,700          | 3,900        | 3,600             | 999               | 897               | 1,152             | 200                | 180               | 230               | 12.20                   | 12.50                   | 14.50                   |
| MN .....                    | 220            | 250          | 210               | 73                | 78                | 65                | 10                 | 10                | 10                | 7.35                    | 7.60                    | 9.25                    |
| NY .....                    | 12,800         | 12,300       | 11,900            | 4,224             | 2,829             | 3,808             | 451                | 375               | 460               | 9.70                    | 12.40                   | 14.90                   |
| OH .....                    | 470            | 470          | 380               | 169               | 122               | 122               | 15                 | 7                 | 8                 | 15.00                   | 13.70                   | 14.60                   |
| OR (Malheur) .....          | 11,300         | 12,000       | 12,000            | 7,006             | 7,800             | 7,080             | 1,580              | 1,540             | 1,370             | 9.32                    | 9.01                    | 12.80                   |
| OR (Other) .....            | 5,700          | 5,400        | 6,500             | 2,964             | 2,862             | 3,055             | 430                | 370               | 450               | 9.60                    | 9.86                    | 13.50                   |
| UT .....                    | 2,100          | 2,100        | 1,800             | 956               | 1,050             | 828               | 122                | 263               | 155               | 7.70                    | 8.40                    | 11.70                   |
| WA .....                    | 16,000         | 16,000       | 16,000            | 8,800             | 8,960             | 9,440             | 1,672              | 1,520             | 1,600             | 8.20                    | 12.30                   | 11.50                   |
| WI .....                    | 1,800          | 1,900        | 2,000             | 540               | 532               | 690               | 76                 | 50                | 75                | 8.00                    | 8.25                    | 8.70                    |
| Storage total .....         | 103,690        | 103,620      | 105,590           | 46,932            | 47,050            | 48,623            | 6,166              | 5,965             | 5,918             | 8.74                    | 10.20                   | 11.30                   |
| Total summer .....          | 124,690        | 126,020      | 127,790           | 56,517            | 58,130            | 59,986            | .....              | .....             | .....             | 9.85                    | 11.00                   | 12.30                   |
| US .....                    | 161,590        | 160,220      | 159,490           | 67,653            | 67,928            | 69,727            | .....              | .....             | .....             | 11.40                   | 12.40                   | 15.00                   |

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup> Preliminary. <sup>3</sup> Includes some quantities of storage crop onions harvested but not sold because of shrinkage and loss. <sup>4</sup> Includes fresh and processed.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-42.—Peas, green (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1994–2003**

| Year              | Area harvested | Yield per acre           | Production  | Value <sup>1</sup> |                      |
|-------------------|----------------|--------------------------|-------------|--------------------|----------------------|
|                   |                |                          |             | Per ton            | Total                |
|                   | <i>Acres</i>   | <i>Tons</i> <sup>2</sup> | <i>Tons</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994 ...          | 289,410        | 1.69                     | 488,580     | 254.00             | 124,138              |
| 1995 ...          | 304,000        | 1.62                     | 492,590     | 267.00             | 131,762              |
| 1996 ...          | 249,800        | 1.67                     | 417,672     | 285.00             | 118,910              |
| 1997 ...          | 271,200        | 1.77                     | 480,000     | 288.00             | 138,482              |
| 1998 ...          | 273,900        | 1.77                     | 483,900     | 282.00             | 136,584              |
| 1999 ...          | 271,640        | 1.70                     | 461,590     | 275.00             | 126,925              |
| 2000 ...          | 277,240        | 1.91                     | 530,050     | 248.00             | 131,701              |
| 2001 ...          | 211,140        | 1.85                     | 390,220     | 264.00             | 103,207              |
| 2002 ...          | 211,500        | 1.64                     | 347,810     | 252.00             | 87,688               |
| 2003 <sup>3</sup> | 231,200        | 2.02                     | 467,800     | 250.00             | 117,043              |

<sup>1</sup> Price and value at processing plant door. <sup>2</sup> Shelled basis: 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. <sup>3</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-43.—Peas, green (for processing), commercial crop: Area, production, and value per ton, States, 2001–2003<sup>1</sup>**

| State                           | Area harvested |              |                   | Production  |             |                   | Value per unit         |                        |                        |
|---------------------------------|----------------|--------------|-------------------|-------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                                 | 2001           | 2002         | 2003 <sup>2</sup> | 2001        | 2002        | 2003 <sup>2</sup> | 2001                   | 2002                   | 2003 <sup>2</sup>      |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| DE .....                        |                |              | 7,500             |             |             | 13,500            |                        |                        | 355.00                 |
| MN .....                        | 67,100         | 74,600       | 81,800            | 95,350      | 98,370      | 158,110           | 337.00                 | 319.00                 | 288.00                 |
| NY .....                        | 17,400         | 15,400       | 14,800            | 39,490      | 22,220      | 28,020            | 312.00                 | 366.00                 | 350.00                 |
| OR .....                        | 22,900         | 20,200       | 22,200            | 38,540      | 28,910      | 39,260            | 178.00                 | 176.00                 | 208.00                 |
| WA .....                        | 38,400         | 36,800       | 44,300            | 86,190      | 75,000      | 98,340            | 211.00                 | 184.00                 | 208.00                 |
| WI .....                        | 36,300         | 38,400       | 37,700            | 68,750      | 67,230      | 84,310            | 236.00                 | 201.00                 | 206.00                 |
| Other States <sup>3</sup> ..... | 29,040         | 26,100       | 22,900            | 61,900      | 56,080      | 46,260            | 283.00                 | 282.00                 | 236.00                 |
| US .....                        | 211,140        | 211,500      | 231,200           | 390,220     | 347,810     | 467,800           | 264.00                 | 252.00                 | 250.00                 |

<sup>1</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. <sup>2</sup> Preliminary. <sup>3</sup> 2001 - CA, DE, ID, IL, MD, NJ, and TN. 2002 - CA, DE, ID, IL, MD, and NJ. 2003 - CA, ID, IL, MD, and NJ. TN estimates discontinued in 2002.

NASS, Crops Branch, (202) 720-2127.

**Table 4-44.—Bell peppers for fresh market: Area, production, and value per hundredweight, by States, 2001–2003**

| State                 | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|-----------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                       | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|                       | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA .....              | 22,000         | 19,000       | 20,500            | 7,150             | 7,030             | 7,688             | 25.50                   | 28.50                   | 28.80                   |
| FL .....              | 15,700         | 17,500       | 17,300            | 5,416             | 5,250             | 4,844             | 34.40                   | 34.40                   | 35.90                   |
| GA .....              | 2,100          | 2,600        | 2,700             | 420               | 520               | 810               | 28.00                   | 20.00                   | 30.00                   |
| MI .....              | 1,400          | 1,600        | 1,800             | 364               | 400               | 450               | 22.00                   | 24.00                   | 22.00                   |
| NJ .....              | 3,700          | 3,700        | 3,600             | 1,184             | 962               | 882               | 23.50                   | 27.20                   | 29.00                   |
| NY <sup>2</sup> ..... | 640            |              |                   | 147               |                   |                   | 40.90                   |                         |                         |
| NC .....              | 6,300          | 7,000        | 6,000             | 788               | 910               | 600               | 20.50                   | 22.00                   | 25.00                   |
| OH .....              | 2,000          | 1,600        | 2,000             | 246               | 336               | 590               | 29.40                   | 23.80                   | 27.10                   |
| PA <sup>2</sup> ..... | 380            |              |                   | 29                |                   |                   | 25.30                   |                         |                         |
| TX .....              | 1,100          | 800          | 700               | 275               | 160               | 175               | 40.30                   | 47.00                   | 32.40                   |
| VA <sup>2</sup> ..... | 700            |              |                   | 43                |                   |                   | 30.00                   |                         |                         |
| US .....              | 56,020         | 53,800       | 54,600            | 16,062            | 15,568            | 16,039            | 28.60                   | 29.70                   | 30.60                   |

<sup>1</sup> Preliminary. <sup>2</sup> Estimates discontinued in 2002.

NASS, Crops Branch, (202) 720-2127.

**Table 4-45.—Potatoes: Area, yield, production, season average price, and value, United States, 1994–2003**

| Year       | Area planted       | Area harvested     | Yield per harvested acre | Production        | Season average price per cwt. received by farmers <sup>1 2</sup> | Value of production <sup>2</sup> |
|------------|--------------------|--------------------|--------------------------|-------------------|--|----------------------------------|
|            | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Cwt.</i>              | <i>1,000 cwt.</i> | <i>Dollars</i>   | <i>1,000 dollars</i>             |
| 1994 ..... | 1,421.8            | 1,385.1            | 339                      | 469,425           | 5.56   | 2,593,446                        |
| 1995 ..... | 1,400.7            | 1,376.1            | 323                      | 445,099           | 6.75   | 2,995,711                        |
| 1996 ..... | 1,454.7            | 1,425.9            | 350                      | 499,254           | 4.91   | 2,423,476                        |
| 1997 ..... | 1,383.5            | 1,353.6            | 345                      | 467,091           | 5.64   | 2,622,621                        |
| 1998 ..... | 1,415.8            | 1,386.9            | 343                      | 475,667           | 5.56   | 2,635,279                        |
| 1999 ..... | 1,376.1            | 1,331.8            | 359                      | 478,093           | 5.77   | 2,745,712                        |
| 2000 ..... | 1,383.1            | 1,347.5            | 381                      | 513,544           | 5.08   | 2,591,091                        |
| 2001 ..... | 1,246.9            | 1,220.9            | 358                      | 437,673           | 6.99   | 3,057,573                        |
| 2002 ..... | 1,299.6            | 1,265.9            | 362                      | 458,171           | 6.69   | 3,063,597                        |
| 2003 ..... | 1,275.0            | 1,250.3            | 367                      | 459,045           | 5.85   | 2,686,659                        |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Obtained by weighting State prices by quantity sold.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-46.—Potatoes: Production, seed used, and disposition, United States, 1993–2002**

| Year       | Production        | Total used for seed | Used on farms where produced      |                    | Sold              |
|------------|-------------------|---------------------|-----------------------------------|--------------------|-------------------|
|            |                   |                     | For seed, feed, and household use | Shrinkage and loss |                   |
|            | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>   | <i>1,000 cwt.</i>                 | <i>1,000 cwt.</i>  | <i>1,000 cwt.</i> |
| 1993 ..... | 430,349           | 29,081              | 5,951                             | 30,181             | 394,217           |
| 1994 ..... | 469,425           | 29,428              | 5,904                             | 37,342             | 426,179           |
| 1995 ..... | 445,099           | 30,561              | 5,755                             | 29,630             | 409,714           |
| 1996 ..... | 499,254           | 29,138              | 6,221                             | 41,238             | 451,795           |
| 1997 ..... | 467,091           | 29,975              | 5,475                             | 32,183             | 429,433           |
| 1998 ..... | 475,667           | 29,217              | 5,766                             | 35,454             | 434,551           |
| 1999 ..... | 478,093           | 29,709              | 5,569                             | 35,531             | 437,116           |
| 2000 ..... | 513,544           | 27,145              | 5,288                             | 43,688             | 464,645           |
| 2001 ..... | 437,673           | 28,639              | 5,387                             | 31,208             | 401,293           |
| 2002 ..... | 458,171           | 28,299              | 5,631                             | 30,955             | 423,216           |

NASS, Crops Branch, (202) 720-2127.

**Table 4-47.—Fall potatoes: Production and total stocks held by growers and local dealers, 15 Major States, 1993–2002**

| Crop year | Production        | Total stocks      |                   |                   |                   |                   |                   |                     |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
|           |                   | Dec. 1            | Following year    |                   |                   |                   |                   | June 1 <sup>1</sup> |
|           |                   |                   | Jan. 1            | Feb. 1            | Mar. 1            | Apr. 1            | May 1             |                     |
|           | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>   |
| 1993 ...  | 376,954           | 249,410           | 217,300           | 185,490           | 153,435           | 115,170           | 72,860            | .....               |
| 1994 ...  | 410,839           | 273,290           | 238,560           | 202,470           | 169,570           | 129,825           | 87,600            | .....               |
| 1995 ...  | 394,785           | 256,710           | 223,550           | 189,360           | 156,020           | 115,855           | 75,870            | .....               |
| 1996 ...  | 443,704           | 295,100           | 261,320           | 226,080           | 189,210           | 147,635           | 103,210           | .....               |
| 1997 ...  | 413,513           | 278,830           | 246,550           | 212,562           | 175,870           | 134,190           | 92,840            | .....               |
| 1998 ...  | 423,170           | 280,910           | 246,230           | 209,640           | 173,650           | 131,220           | 87,895            | 50,270              |
| 1999 ...  | 420,567           | 275,100           | 239,910           | 207,150           | 169,620           | 128,410           | 86,915            | 47,220              |
| 2000 ...  | 458,827           | 310,300           | 275,270           | 234,260           | 197,670           | 153,520           | 109,160           | 61,240              |
| 2001 ...  | 387,033           | 258,750           | 224,680           | 192,190           | 158,590           | 119,950           | 81,200            | 42,990              |
| 2002 ...  | 407,085           | 264,585           | 231,690           | 199,320           | 165,310           | 125,870           | 82,940            | 45,980              |

<sup>1</sup> Estimates begun in 1998.  
 NASS, Crops Branch, (202) 720-2127.



**Table 4-48.—Potatoes: Area, production, and marketing year price per hundredweight received by farmers, by States, 2001–2003**

| Season and State       | Area harvested |             |             | Yield |      |      | Production |            |            |
|------------------------|----------------|-------------|-------------|-------|------|------|------------|------------|------------|
|                        | 2001           | 2002        | 2003        | 2001  | 2002 | 2003 | 2001       | 2002       | 2003       |
|                        | 1,000 acres    | 1,000 acres | 1,000 acres | Cwt.  | Cwt. | Cwt. | 1,000 cwt. | 1,000 cwt. | 1,000 cwt. |
| Winter:                |                |             |             |       |      |      |            |            |            |
| CA .....               | 9.0            | 9.0         | 8.5         | 310   | 270  | 310  | 2,790      | 2,430      | 2,635      |
| FL .....               | 5.0            | 6.7         | 5.8         | 265   | 265  | 240  | 1,325      | 1,776      | 1,392      |
| Total .....            | 14.0           | 15.7        | 14.3        | 294   | 268  | 282  | 4,115      | 4,206      | 4,027      |
| Spring:                |                |             |             |       |      |      |            |            |            |
| AZ .....               | 8.2            | 7.8         | 7.6         | 270   | 270  | 275  | 2,214      | 2,106      | 2,090      |
| CA .....               | 15.5           | 19.0        | 19.0        | 390   | 405  | 440  | 6,045      | 7,695      | 8,360      |
| FL .....               | 25.0           | 28.3        | 28.6        | 319   | 261  | 280  | 7,970      | 7,381      | 8,008      |
| Hastings .....         | 18.0           | 21.0        | 20.3        | 330   | 275  | 280  | 5,940      | 5,775      | 5,684      |
| Other .....            | 7.0            | 7.3         | 8.3         | 290   | 220  | 280  | 2,030      | 1,606      | 2,324      |
| NC .....               | 18.5           | 19.0        | 17.0        | 190   | 170  | 175  | 3,515      | 3,230      | 2,975      |
| TX .....               | 9.0            | 12.0        | 12.5        | 230   | 170  | 240  | 2,070      | 2,040      | 3,000      |
| Total .....            | 76.2           | 86.1        | 84.7        | 286   | 261  | 288  | 21,814     | 22,452     | 24,433     |
| Summer:                |                |             |             |       |      |      |            |            |            |
| AL .....               | 3.3            | 2.7         | 2.1         | 160   | 190  | 185  | 528        | 513        | 389        |
| CA .....               | 8.0            | 7.3         | 7.2         | 355   | 360  | 400  | 2,840      | 2,628      | 2,880      |
| CO .....               | 5.6            | 6.3         | 6.7         | 360   | 360  | 380  | 2,016      | 2,268      | 2,546      |
| DE .....               | 4.3            | 4.0         | 3.6         | 270   | 250  | 240  | 1,161      | 1,000      | 864        |
| IL .....               | 5.3            | 6.4         | 6.1         | 350   | 310  | 360  | 1,855      | 1,985      | 2,196      |
| KS .....               | 2.4            | 2.9         | 2.7         | 300   | 340  | 380  | 720        | 986        | 1,026      |
| MD .....               | 4.7            | 4.4         | 4.6         | 250   | 250  | 240  | 1,175      | 1,100      | 1,104      |
| MO .....               | 5.6            | 5.4         | 7.1         | 340   | 240  | 265  | 1,904      | 1,296      | 1,882      |
| NJ .....               | 2.5            | 2.6         | 2.7         | 255   | 275  | 260  | 638        | 715        | 702        |
| NM .....               | 2.2            | 2.3         | 1.9         | 350   | 320  | 280  | 770        | 736        | 532        |
| TX .....               | 8.0            | 8.3         | 8.4         | 390   | 400  | 420  | 3,120      | 3,320      | 3,528      |
| VA .....               | 6.3            | 6.3         | 6.2         | 220   | 220  | 250  | 1,386      | 1,386      | 1,550      |
| Total .....            | 58.2           | 58.9        | 59.3        | 311   | 304  | 324  | 18,113     | 17,932     | 19,199     |
| Fall:                  |                |             |             |       |      |      |            |            |            |
| CA .....               | 3.4            | 8.3         | 8.4         | 445   | 520  | 410  | 1,513      | 4,316      | 3,444      |
| CO .....               | 67.8           | 71.5        | 65.7        | 315   | 390  | 360  | 21,357     | 27,885     | 23,652     |
| ID .....               | 348.0          | 373.0       | 358.0       | 345   | 358  | 344  | 120,200    | 133,385    | 123,180    |
| 10 S.W. counties ..... | 23.0           | 27.0        | 25.0        | 450   | 455  | 465  | 10,350     | 12,285     | 11,625     |
| Other counties .....   | 325.0          | 346.0       | 333.0       | 338   | 350  | 335  | 109,850    | 121,100    | 111,555    |
| IN .....               | 2.9            | 2.8         | 3.7         | 320   | 260  | 250  | 928        | 728        | 925        |
| ME .....               | 62.0           | 64.0        | 65.5        | 265   | 265  | 260  | 16,430     | 16,960     | 17,030     |
| MA .....               | 2.9            | 3.2         | 2.8         | 265   | 255  | 275  | 769        | 816        | 770        |
| MI .....               | 45.0           | 45.5        | 45.5        | 310   | 305  | 330  | 13,950     | 13,878     | 15,015     |
| MN .....               | 55.0           | 57.0        | 58.0        | 335   | 330  | 385  | 18,425     | 18,810     | 22,330     |
| MT .....               | 10.3           | 10.4        | 10.6        | 320   | 310  | 315  | 3,296      | 3,224      | 3,339      |
| NE .....               | 22.4           | 21.8        | 23.2        | 375   | 395  | 425  | 8,400      | 8,611      | 9,860      |
| NV .....               | 6.5            | 7.6         | 8.0         | 360   | 350  | 415  | 2,340      | 2,660      | 3,320      |
| NM .....               | 4.2            | 4.0         | 4.0         | 340   | 400  | 400  | 1,428      | 1,600      | 1,600      |
| NY .....               | 23.3           | 22.0        | 21.7        | 255   | 250  | 300  | 5,942      | 5,500      | 6,510      |
| ND .....               | 110.0          | 102.0       | 112.0       | 240   | 230  | 245  | 26,400     | 23,460     | 27,440     |
| OH .....               | 4.3            | 4.4         | 4.3         | 255   | 205  | 300  | 1,097      | 902        | 1,290      |
| OR .....               | 44.5           | 49.8        | 42.6        | 466   | 501  | 493  | 20,730     | 24,936     | 20,991     |
| Malheur County .....   | 9.0            | 8.0         | 5.8         | 410   | 400  | 415  | 3,690      | 3,200      | 2,407      |
| Other counties .....   | 35.5           | 41.8        | 36.8        | 480   | 520  | 505  | 17,040     | 21,736     | 18,584     |
| PA .....               | 12.5           | 11.5        | 13.5        | 235   | 185  | 290  | 2,938      | 2,128      | 3,915      |
| RI .....               | 0.5            | 0.5         | 0.5         | 280   | 235  | 300  | 140        | 118        | 150        |
| SD .....               | 2.7            | 1.1         | 1.0         | 240   | 300  | 340  | 648        | 330        | 340        |
| UT .....               | 1.3            | 0.8         | 1.0         | 265   | 305  | 335  | 345        | 244        | 335        |
| WA .....               | 160.0          | 162.0       | 162.0       | 590   | 570  | 575  | 94,400     | 92,340     | 93,150     |
| WI .....               | 83.0           | 82.0        | 80.0        | 385   | 375  | 410  | 31,955     | 30,750     | 32,800     |
| Total .....            | 1,072.5        | 1,105.2     | 1,092.0     | 367   | 374  | 377  | 393,631    | 413,581    | 411,386    |
| US .....               | 1,220.9        | 1,265.9     | 1,250.3     | 358   | 362  | 367  | 437,673    | 458,171    | 459,045    |

NASS, Crops Branch, (202) 720-2127.

**Table 4-49.—Fall potatoes: Total stocks held by growers and local dealers, 15 States, crop of 2001 and 2002 <sup>1</sup>**

| State          | Crop of 2001      |                   |                   |                   |                   |                   |                   |
|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                | Dec. 1, 2001      | Jan. 1, 2002      | Feb. 1, 2002      | Mar. 1, 2002      | Apr. 1, 2002      | May 1, 2002       | June 1, 2002      |
|                | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| CA .....       | 1,200             | 1,100             | 800               | 600               | 300               | .....             | .....             |
| CO .....       | 15,600            | 13,300            | 11,000            | 9,400             | 7,300             | 5,100             | 1,700             |
| ID .....       | 87,500            | 78,000            | 68,000            | 58,000            | 45,000            | 32,500            | 18,500            |
| ME .....       | 12,200            | 10,800            | 8,900             | 7,100             | 5,300             | 3,300             | 1,800             |
| MI .....       | 8,200             | 6,200             | 4,800             | 3,200             | 1,500             | 400               | .....             |
| MN .....       | 12,000            | 10,800            | 9,500             | 7,900             | 6,100             | 4,300             | 2,600             |
| MT .....       | 3,000             | 2,780             | 2,630             | 2,460             | 1,790             | 450               | .....             |
| NE .....       | 4,850             | 4,050             | 3,200             | .....             | .....             | .....             | .....             |
| NY .....       | 2,400             | 1,500             | 1,000             | 600               | 300               | .....             | .....             |
| ND .....       | 19,500            | 16,900            | 14,500            | 12,300            | 10,400            | 6,900             | 4,000             |
| OH .....       | 300               | 150               | 60                | .....             | .....             | .....             | .....             |
| OR .....       | 17,500            | 15,500            | 14,000            | 11,500            | 8,500             | 6,500             | 3,000             |
| PA .....       | 1,800             | 1,400             | 1,000             | 600               | 300               | .....             | .....             |
| WA .....       | 53,000            | 46,000            | 40,000            | 32,500            | 25,000            | 18,000            | 10,000            |
| WI .....       | 19,700            | 16,200            | 12,800            | 10,000            | 6,700             | 3,000             | 1,100             |
| Other .....    | .....             | .....             | .....             | 2,430             | 1,460             | 750               | 290               |
| 15 State total | 258,750           | 224,680           | 192,190           | 158,590           | 119,950           | 81,200            | 42,990            |

  

| State          | Crop of 2002 <sup>2</sup> |                   |                   |                   |                   |                   |                   |
|----------------|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                | Dec. 1, 2002              | Jan. 1, 2003      | Feb. 1, 2003      | Mar. 1, 2003      | Apr. 1, 2003      | May 1, 2003       | June 1, 2003      |
|                | <i>1,000 cwt.</i>         | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| CA .....       | 3,300                     | 2,900             | 2,400             | 2,000             | 1,600             | 1,000             | 700               |
| CO .....       | 20,500                    | 18,100            | 15,300            | 13,100            | 9,900             | 5,800             | 3,800             |
| ID .....       | 92,000                    | 82,500            | 72,500            | 62,000            | 49,000            | 34,500            | 21,000            |
| ME .....       | 12,600                    | 11,200            | 9,500             | 8,000             | 6,300             | 3,900             | 2,100             |
| MI .....       | 7,900                     | 6,500             | 5,600             | 4,500             | 2,900             | 1,000             | .....             |
| MN .....       | 12,000                    | 10,500            | 9,100             | 7,400             | 6,100             | 4,300             | 2,300             |
| MT .....       | 3,100                     | 3,000             | 2,900             | 2,800             | 1,900             | 400               | .....             |
| NE .....       | 5,500                     | 4,550             | 3,700             | .....             | .....             | .....             | .....             |
| NY .....       | 2,400                     | 1,800             | 1,100             | 600               | 220               | .....             | .....             |
| ND .....       | 16,000                    | 14,000            | 11,600            | 10,000            | 7,900             | 5,500             | 2,700             |
| OH .....       | 85                        | 40                | 20                | .....             | .....             | .....             | .....             |
| OR .....       | 17,500                    | 15,000            | 12,500            | 9,900             | 7,500             | 5,000             | 2,300             |
| PA .....       | 1,400                     | 1,100             | 900               | 600               | 400               | .....             | .....             |
| WA .....       | 50,000                    | 43,500            | 38,500            | 30,500            | 23,000            | 16,500            | 9,000             |
| WI .....       | 20,300                    | 17,000            | 13,700            | 11,000            | 7,100             | 3,700             | 1,300             |
| Other .....    | .....                     | .....             | .....             | 2,910             | 2,050             | 1,340             | 780               |
| 15 State total | 264,585                   | 231,690           | 199,320           | 165,310           | 125,870           | 82,940            | 45,980            |

<sup>1</sup> Blank States combined into Other. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-50.—Frozen French fries: U.S. imports from principal suppliers for marketing years, 1998/99–2002/2003 <sup>1</sup>**

| Countries                | 1998/99            | 1999/2000          | 2000/2001          | 2001/2002          | 2002/2003          |
|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                          | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| Canada .....             | 367,365            | 464,746            | 493,680            | 605,912            | 623,338            |
| Other .....              | 138                | 220                | 1,387              | 1,664              | 3,667              |
| Total <sup>2</sup> ..... | 367,502            | 464,966            | 495,067            | 607,576            | 627,005            |

<sup>1</sup> July through June. <sup>2</sup> Totals may not add due to rounding.  
 FAS, Horticultural & Tropical Products Division, (202) 720-3423. Compiled from reports of the U.S. Department of Commerce.

**Table 4-51.—Potatoes: Utilization, United States, crop years 1995–2002**

| Item   | 1995              | 1996              | 1997              | 1998              |
|--|-------------------|-------------------|-------------------|-------------------|
| <b>SALES</b>                                     | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| Table stock .....                                | 124,875           | 131,446           | 131,670           | 125,413           |
| For processing:                                  |                   |                   |                   |                   |
| Chips and shoestring .....                       | 47,284            | 48,305            | 48,130            | 51,471            |
| Dehydration .....                                | 45,065            | 54,261            | 48,389            | 55,522            |
| Frozen french fries .....                        | 129,029           | 145,489           | 131,628           | 142,932           |
| Other frozen products .....                      | 27,073            | 28,972            | 33,397            | 24,964            |
| Canned potatoes .....                            | 3,342             | 2,785             | 2,822             | 2,730             |
| Other canned products (hash, stews, soups) ..... | 2,385             | 2,167             | 2,675             | 1,964             |
| Starch and flour .....                           | 1,668             | 1,956             | 1,311             | 1,585             |
| Total .....                                      | 255,846           | 283,935           | 268,352           | 281,168           |
| Other sales:                                     |                   |                   |                   |                   |
| Livestock feed .....                             | 3,224             | 12,073            | 3,603             | 3,111             |
| Seed .....                                       | 25,769            | 24,341            | 25,808            | 24,859            |
| Total .....                                      | 28,993            | 36,414            | 29,411            | 27,970            |
| Total sales .....                                | 409,714           | 451,795           | 429,433           | 434,551           |
| <b>NON-SALES</b>                                 |                   |                   |                   |                   |
| Seed used on farms where grown .....             | 4,792             | 4,797             | 4,167             | 4,358             |
| Household use .....                              | 963               | 1,424             | 1,308             | 1,408             |
| Shrinkage and loss .....                         | 29,630            | 41,238            | 32,183            | 35,454            |
| Total non-sales .....                            | 35,385            | 47,459            | 37,658            | 41,220            |
| Total production .....                           | 445,099           | 499,254           | 467,091           | 475,771           |
| <b>Item</b>                                      | <b>1999</b>       | <b>2000</b>       | <b>2001</b>       | <b>2002</b>       |
| <b>SALES</b>                                     | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| Table stock .....                                | 134,130           | 139,146           | 122,843           | 133,298           |
| For processing:                                  |                   |                   |                   |                   |
| Chips and shoestring .....                       | 52,916            | 52,371            | 54,080            | 51,640            |
| Dehydration .....                                | 50,831            | 54,880            | 40,745            | 51,334            |
| Frozen french fries .....                        | 140,196           | 146,869           | 126,711           | 124,875           |
| Other frozen products .....                      | 23,593            | 26,723            | 23,598            | 28,951            |
| Canned potatoes .....                            | 3,311             | 2,368             | 2,590             | 2,744             |
| Other canned products (hash, stews, soups) ..... | 2,394             | 2,709             | 1,722             | 2,085             |
| Starch and flour .....                           | 1,310             | 1,966             | 1,015             | 1,050             |
| Total .....                                      | 274,551           | 287,886           | 250,461           | 262,679           |
| Other sales:                                     |                   |                   |                   |                   |
| Livestock feed <sup>1</sup> .....                | 3,141             | 10,096            | 3,496             | 3,104             |
| Seed .....                                       | 25,294            | 23,353            | 24,493            | 24,135            |
| Diversion (other than feed) .....                | .....             | 4,164             | .....             | .....             |
| Total .....                                      | 28,435            | 37,613            | 27,989            | 27,239            |
| Total sales .....                                | 437,116           | 464,645           | 401,293           | 423,216           |
| <b>NON-SALES</b>                                 |                   |                   |                   |                   |
| Seed used on farms where grown .....             | 4,415             | 3,792             | 4,146             | 4,164             |
| Household use .....                              | 1,154             | 1,496             | 1,241             | 1,467             |
| Shrinkage and loss .....                         | 35,531            | 43,688            | 31,208            | 30,955            |
| Total non-sales .....                            | 41,100            | 48,976            | 36,595            | 36,586            |
| Total production .....                           | 478,216           | 513,621           | 437,888           | 459,802           |

<sup>1</sup> Includes potatoes under Government Diversion in 2000.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-52.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 2002**

| Season and State     | Production | Total used for seed | Used on farms where produced      |                    | Sold       |
|----------------------|------------|---------------------|-----------------------------------|--------------------|------------|
|                      |            |                     | For seed, feed, and household use | Shrinkage and loss |            |
|                      | 1,000 cwt. | 1,000 cwt.          | 1,000 cwt.                        | 1,000 cwt.         | 1,000 cwt. |
| <b>Winter:</b>       |            |                     |                                   |                    |            |
| CA .....             | 2,430      | 293                 | 8                                 | 42                 | 2,380      |
| FL .....             | 1,776      | 168                 | .....                             | 11                 | 1,765      |
| Total .....          | 4,206      | 461                 | 8                                 | 53                 | 4,145      |
| <b>Spring:</b>       |            |                     |                                   |                    |            |
| AZ .....             | 2,106      | 152                 | 2                                 | 14                 | 2,090      |
| CA .....             | 7,695      | 518                 | 25                                | 809                | 6,861      |
| FL .....             | 7,381      | 728                 | 1                                 | 39                 | 7,843      |
| Hastings .....       | 5,775      | 507                 | 1                                 | 24                 | 5,960      |
| Other .....          | 1,606      | 221                 | .....                             | 15                 | 1,883      |
| NC .....             | 3,230      | 252                 | 29                                | 111                | 3,430      |
| TX .....             | 2,040      | 208                 | 30                                | 40                 | 1,970      |
| Total .....          | 22,452     | 1,858               | 87                                | 1,013              | 22,194     |
| <b>Summer:</b>       |            |                     |                                   |                    |            |
| AL .....             | 513        | 53                  | 10                                | 23                 | 522        |
| CA .....             | 2,628      | 263                 | 29                                | 12                 | 2,587      |
| CO .....             | 2,268      | 163                 | 5                                 | 113                | 2,150      |
| DE .....             | 1,000      | 56                  | 5                                 | 37                 | 894        |
| IL .....             | 1,984      | 143                 | 35                                | 42                 | 1,907      |
| KS .....             | 986        | 67                  | .....                             | 30                 | 956        |
| MD .....             | 1,100      | 71                  | 34                                | 33                 | 1,108      |
| MO .....             | 1,296      | 160                 | 1                                 | 13                 | 1,282      |
| NJ .....             | 715        | 31                  | 3                                 | 21                 | 691        |
| NM .....             | 736        | 50                  | 1                                 | 30                 | 705        |
| TX .....             | 3,320      | 144                 | 10                                | 60                 | 3,250      |
| VA .....             | 1,386      | 98                  | 2                                 | 50                 | 1,334      |
| Total .....          | 17,932     | 1,299               | 135                               | 464                | 17,386     |
| <b>Fall:</b>         |            |                     |                                   |                    |            |
| CA .....             | 4,316      | 198                 | 16                                | 400                | 3,848      |
| CO .....             | 27,885     | 1,724               | 1,460                             | 2,845              | 23,580     |
| ID .....             | 133,385    | 7,920               | 1,440                             | 8,650              | 123,295    |
| IN .....             | 728        | 63                  | 4                                 | 29                 | 695        |
| ME .....             | 16,960     | 1,386               | 310                               | 790                | 15,860     |
| MA .....             | 816        | 65                  | 5                                 | 16                 | 795        |
| MI .....             | 13,878     | 1,123               | 205                               | 1,400              | 12,273     |
| MN .....             | 18,810     | 1,098               | 130                               | 1,400              | 17,170     |
| MT .....             | 3,224      | 254                 | 145                               | 142                | 2,937      |
| NE .....             | 8,611      | 611                 | 149                               | 612                | 7,850      |
| NV .....             | 2,660      | 180                 | .....                             | 320                | 2,340      |
| NM .....             | 1,600      | 80                  | 100                               | 20                 | 1,480      |
| NY .....             | 5,500      | 488                 | 100                               | 350                | 5,050      |
| ND .....             | 23,460     | 2,242               | 450                               | 2,650              | 20,360     |
| OH .....             | 902        | 89                  | 2                                 | 12                 | 889        |
| OR .....             | 24,936     | 1,021               | 266                               | 1,386              | 23,284     |
| Malheur County ..... | 3,200      | 133                 | 5                                 | 60                 | 3,135      |
| Other counties ..... | 21,736     | 888                 | 261                               | 1,326              | 20,149     |
| PA .....             | 2,128      | 276                 | 38                                | 78                 | 2,474      |
| RI .....             | 118        | 11                  | .....                             | .....              | 118        |
| SD .....             | 330        | 27                  | 14                                | 40                 | 276        |
| UT .....             | 244        | 17                  | 2                                 | 10                 | 232        |
| WA .....             | 92,340     | 3,960               | 300                               | 6,500              | 85,600     |
| WI .....             | 30,750     | 1,848               | 265                               | 1,775              | 29,085     |
| Total .....          | 413,581    | 24,681              | 5,401                             | 29,425             | 379,491    |
| US .....             | 458,171    | 28,299              | 5,631                             | 30,955             | 423,216    |

NASS, Crops Branch, (202) 720-2127.

**Table 4-53.—Potatoes,<sup>1</sup> white: United States exports by country of destination and imports by country of origin, 1999/2000–2002/2003**

| Item and country         | Year beginning October |                    |                    |                    |
|--------------------------|------------------------|--------------------|--------------------|--------------------|
|                          | 1999/2000              | 2000/2001          | 2001/2002          | 2002/2003          |
|                          | <i>Metric tons</i>     | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Exports</b>           |                        |                    |                    |                    |
| Canada .....             | 246,828                | 234,525            | 297,843            | 233,224            |
| Mexico .....             | 38,589                 | 32,312             | 4,762              | 17,070             |
| Other .....              | 19,313                 | 26,915             | 16,975             | 21,349             |
| Total <sup>2</sup> ..... | 304,730                | 293,753            | 319,580            | 271,643            |
| <b>Imports</b>           |                        |                    |                    |                    |
| Certified seed:          |                        |                    |                    |                    |
| Canada .....             | 138,241                | 86,988             | 116,745            | 113,020            |
| Others .....             | 7                      | 42                 | 70                 | 41                 |
| Total .....              | 138,249                | 87,030             | 116,815            | 113,061            |

<sup>1</sup> Includes seed potatoes. <sup>2</sup>Totals may not add due to rounding.  
 FAS, Horticultural & Tropical Products Division, (202) 720-3423. Compiled from reports of the U.S. Department of Commerce Statistics.

**Table 4-54.—Potatoes (fresh): Foreign trade, United States, 1993–2002<sup>1</sup>**

| Year beginning July | Imports for consumption | Domestic exports  |
|---------------------|-------------------------|-------------------|
|                     | <i>1,000 cwt.</i>       | <i>1,000 cwt.</i> |
| 1993 .....          | 7,018                   | 6,246             |
| 1994 .....          | 5,158                   | 6,273             |
| 1995 .....          | 10,741                  | 5,501             |
| 1996 .....          | 7,129                   | 6,402             |
| 1997 .....          | 10,481                  | 7,172             |
| 1998 .....          | 9,090                   | 5,718             |
| 1999 .....          | 9,094                   | 6,541             |
| 2000 .....          | 5,986                   | 6,695             |
| 2001 .....          | 8,644                   | 6,571             |
| 2002 .....          | 9,264                   | 6,279             |

<sup>1</sup> Includes seed.  
 ERS, Specialty Crops Branch, (202) 694-5253. Compiled from reports of the U.S. Department of Commerce.

**Table 4-55.—Spinach for fresh market: Area, production, and value per hundredweight, by States, 2001–2003**

| State                      | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                            | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|                            | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ .....                   | 3,600          | 4,200        | 5,200             | 360               | 945               | 780               | 31.00                   | 30.70                   | 22.10                   |
| CA .....                   | 17,000         | 24,000       | 26,000            | 2,635             | 3,720             | 4,550             | 32.60                   | 34.60                   | 41.20                   |
| CO .....                   | 1,200          | 1,800        | 1,400             | 84                | 216               | 126               | 30.00                   | 27.20                   | 29.20                   |
| MD .....                   | 1,200          | 1,100        | 1,100             | 78                | 50                | 66                | 33.00                   | 30.00                   | 35.00                   |
| NJ .....                   | 1,700          | 1,600        | 1,800             | 204               | 157               | 252               | 33.50                   | 35.70                   | 30.00                   |
| NY <sup>2</sup> .....      | 300            | .....        | .....             | 24                | .....             | .....             | 28.50                   | .....                   | .....                   |
| TX .....                   | 2,500          | 2,200        | 1,700             | 225               | 242               | 204               | 36.20                   | 46.00                   | 38.30                   |
| Oth Sts <sup>3</sup> ..... | 1,150          | .....        | .....             | 99                | .....             | .....             | 25.80                   | .....                   | .....                   |
| US .....                   | 28,650         | 34,900       | 37,200            | 3,709             | 5,330             | 5,978             | 32.50                   | 34.10                   | 37.80                   |

<sup>1</sup> Preliminary. <sup>2</sup> Estimates discontinued in 2002. <sup>3</sup> 2001 - DE and VA. DE and VA estimates discontinued in 2002.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-56.—Spinach for processing: Area, production, and value per ton, by States, 2001–2003**

| State                           | Area harvested |              |                   | Production  |             |                   | Value per unit         |                        |                        |
|---------------------------------|----------------|--------------|-------------------|-------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                                 | 2001           | 2002         | 2003 <sup>1</sup> | 2001        | 2002        | 2003 <sup>1</sup> | 2001                   | 2002                   | 2003 <sup>1</sup>      |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| CA .....                        | 7,200          | 7,300        | 10,600            | 69,120      | 74,460      | 84,410            | 119.00                 | 119.00                 | 110.00                 |
| TX .....                        | 4,200          | 4,400        | .....             | 43,100      | 38,910      | .....             | 84.70                  | 77.70                  | .....                  |
| Other States <sup>2</sup> ..... | 2,540          | 1,420        | 4,300             | 14,880      | 7,880       | 45,620            | 190.00                 | 182.00                 | 97.50                  |
| US .....                        | 13,940         | 13,120       | 14,900            | 127,100     | 121,250     | 130,030           | 116.00                 | 110.00                 | 106.00                 |

<sup>1</sup> Preliminary. <sup>2</sup> 2001 - NJ, NY, OH, and TN. 2002 - GA and NJ. 2003 - NJ and TX. NY, OH, and TN estimates discontinued in 2002.

NASS, Crops Branch, (202) 720-2127.

**Table 4-57.—Sweet Potatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1994–2003**

| Year       | Area harvested     | Yield per acre | Production        | Price <sup>1,2</sup> | Value of production <sup>2</sup> |
|------------|--------------------|----------------|-------------------|----------------------|----------------------------------|
|            | <i>1,000 acres</i> | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>       | <i>1,000 dollars</i>             |
| 1994 ..... | 82.7               | 162            | 13,380            | 14.00                | 187,206                          |
| 1995 ..... | 83.1               | 154            | 12,821            | 15.90                | 203,799                          |
| 1996 ..... | 83.7               | 158            | 13,216            | 14.40                | 190,529                          |
| 1997 ..... | 82.1               | 162            | 13,327            | 15.80                | 211,177                          |
| 1998 ..... | 83.7               | 148            | 12,365            | 15.30                | 189,789                          |
| 1999 ..... | 83.0               | 147            | 12,221            | 17.60                | 214,980                          |
| 2000 ..... | 94.8               | 145            | 13,780            | 15.30                | 210,564                          |
| 2001 ..... | 93.6               | 155            | 14,515            | 15.40                | 224,795                          |
| 2002 ..... | 82.3               | 156            | 12,799            | 16.70                | 214,625                          |
| 2003 ..... | 92.4               | 172            | 15,921            | 20.80                | 331,446                          |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Obtained by weighting State prices by production.

NASS, Crops Branch, (202) 720-2127.

**Table 4-58.—Sweet Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 2001–2003**

| State                 | Area harvested     |                    |                    | Production        |                   |                   | Price for crop of- <sup>1</sup> |                |                |
|-----------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|---------------------------------|----------------|----------------|
|                       | 2001               | 2002               | 2003               | 2001              | 2002              | 2003              | 2001                            | 2002           | 2003           |
|                       | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars</i>                  | <i>Dollars</i> | <i>Dollars</i> |
| AL .....              | 2.8                | 2.6                | 2.6                | 476               | 481               | 494               | 18.20                           | 14.80          | 25.40          |
| CA .....              | 10.0               | 10.4               | 10.4               | 2,300             | 2,912             | 3,120             | 26.90                           | 23.10          | 34.50          |
| GA <sup>2</sup> ..... | 0.4                | .....              | .....              | 40                | .....             | .....             | 13.00                           | .....          | .....          |
| LA .....              | 22.0               | 15.0               | 18.0               | 3,080             | 1,875             | 3,150             | 13.30                           | 14.50          | 19.40          |
| MS .....              | 16.0               | 12.3               | 13.6               | 2,400             | 1,968             | 2,380             | 13.60                           | 16.50          | 20.30          |
| NJ .....              | 1.2                | 1.2                | 1.1                | 126               | 150               | 127               | 19.60                           | 23.20          | 29.00          |
| NC .....              | 36.0               | 37.0               | 42.0               | 5,580             | 4,810             | 5,880             | 12.00                           | 14.00          | 14.50          |
| SC .....              | 1.6                | 0.8                | 1.0                | 128               | 68                | 150               | 13.00                           | 15.20          | 15.50          |
| TX .....              | 3.1                | 2.5                | 3.2                | 310               | 450               | 512               | 18.70                           | 16.80          | 17.20          |
| VA .....              | 0.5                | 0.5                | 0.5                | 75                | 85                | 108               | 14.80                           | 14.00          | 16.30          |
| US .....              | 93.6               | 82.3               | 92.4               | 14,515            | 12,799            | 15,921            | 15.40                           | 16.70          | 20.80          |

<sup>1</sup> Marketing year average price for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Estimates discontinued in 2002.

NASS, Crops Branch, (202) 720-2127.

**Table 4-59.—Taro: Area, yield, total production, price, and value, Hawaii, 1994–2003**

| Year                    | Total area   | Yield per acre <sup>1</sup> | Production          | Price per pound <sup>2</sup> | Value of production <sup>2</sup> |
|-------------------------|--------------|-----------------------------|---------------------|------------------------------|----------------------------------|
|                         | <i>Acres</i> | <i>1,000 pounds</i>         | <i>1,000 pounds</i> | <i>Dollars</i>               | <i>1,000 dollars</i>             |
| 1994 .....              | 490          | .....                       | 6,100               | 0.460                        | 2,806                            |
| 1995 .....              | 550          | .....                       | 6,800               | 0.480                        | 3,264                            |
| 1996 .....              | 530          | .....                       | 5,700               | 0.490                        | 2,793                            |
| 1997 .....              | 450          | .....                       | 5,500               | 0.510                        | 2,805                            |
| 1998 .....              | 490          | .....                       | 6,000               | 0.530                        | 3,180                            |
| 1999 .....              | 500          | .....                       | 6,800               | 0.530                        | 3,604                            |
| 2000 .....              | 470          | .....                       | 7,000               | 0.530                        | 3,710                            |
| 2001 .....              | 440          | .....                       | 6,400               | 0.530                        | 3,392                            |
| 2002 .....              | 430          | .....                       | 6,100               | 0.540                        | 3,294                            |
| 2003 <sup>3</sup> ..... | 420          | .....                       | 5,000               | 0.540                        | 2,700                            |

<sup>1</sup>Yield not estimated. <sup>2</sup>Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>3</sup>Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-60.—Tomatoes: Foreign trade, United States, 1993–2002**

| Year beginning July | Imports             |                     |                     | Domestic exports <sup>2</sup> |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|---------------------|---------------------|---------------------|---------------------|
|                     | Fresh               | Canned <sup>1</sup> | Paste               | Fresh                         | Canned whole        | Catsup and sauces   | Paste               | Juice               |
|                     | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>           | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| 1993 .....          | 885,824             | 131,347             | 95,708              | 329,577                       | 48,176              | 241,118             | 171,550             | 33,877              |
| 1994 .....          | 1,456,261           | 189,042             | 50,898              | 321,828                       | 51,704              | 266,491             | 198,165             | 30,802              |
| 1995 .....          | 1,702,019           | 221,894             | 33,590              | 288,021                       | 59,312              | 265,503             | 193,215             | 51,002              |
| 1996 .....          | 1,678,128           | 230,685             | 31,818              | 307,555                       | 82,467              | 279,845             | 284,377             | 24,455              |
| 1997 .....          | 1,794,808           | 281,251             | 23,601              | 332,416                       | 55,165              | 319,960             | 298,407             | 23,050              |
| 1998 .....          | 1,618,343           | 305,598             | 167,627             | 311,056                       | 69,571              | 329,251             | 173,369             | 27,290              |
| 1999 .....          | 1,596,470           | 189,526             | 46,790              | 356,676                       | 85,641              | 334,125             | 198,029             | 29,417              |
| 2000 .....          | 1,885,424           | 238,248             | 32,717              | 398,458                       | 77,988              | 355,414             | 215,569             | 39,327              |
| 2001 .....          | 1,708,004           | 457,088             | 40,729              | 375,744                       | 78,828              | 367,393             | 206,113             | 14,481              |
| 2002 .....          | 2,114,711           | 399,063             | 24,482              | 323,994                       | 78,067              | 389,314             | 250,323             | 2,956               |

<sup>1</sup>Includes all canned tomato and tomato product imports except paste, and is on a product-weight-basis. <sup>2</sup>Includes exports for military-civilian feeding abroad.

ERS, Specialty Crops Branch, (202) 694-5253. Compiled from reports of the U.S. Department of Commerce.

**Table 4-61.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1994–2003**

| Year                 | For fresh market |                |                   |                    |                      | For processing |                |             |                    |                      |
|----------------------|------------------|----------------|-------------------|--------------------|----------------------|----------------|----------------|-------------|--------------------|----------------------|
|                      | Area harvested   | Yield per acre | Production        | Value <sup>1</sup> |                      | Area harvested | Yield per acre | Production  | Value <sup>2</sup> |                      |
|                      |                  |                |                   | Per cwt.           | Total                |                |                |             | Per ton            | Total                |
|                      | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Acres</i>   | <i>Tons</i>    | <i>Tons</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1994 ....            | 135,220          | 276            | 37,387            | 27.40              | 1,024,563            | 340,060        | 33.93          | 11,539,710  | 62.10              | 716,469              |
| 1995 ....            | 131,020          | 260            | 34,098            | 25.20              | 870,427              | 344,380        | 32.77          | 11,285,007  | 63.20              | 713,479              |
| 1996 ....            | 120,640          | 279            | 33,634            | 28.20              | 947,031              | 339,140        | 33.64          | 11,407,301  | 62.30              | 711,043              |
| 1997 ....            | 115,190          | 285            | 32,777            | 31.70              | 1,040,382            | 283,390        | 35.19          | 9,973,259   | 60.70              | 604,905              |
| 1998 ....            | 121,710          | 268            | 32,628            | 35.20              | 1,149,713            | 299,960        | 31.34          | 9,402,010   | 65.30              | 613,954              |
| 1999 ....            | 132,880          | 276            | 36,735            | 25.90              | 951,046              | 350,410        | 36.63          | 12,836,020  | 71.10              | 912,988              |
| 2000 ....            | 123,170          | 306            | 37,665            | 30.80              | 1,159,590            | 289,600        | 37.49          | 10,858,240  | 59.80              | 649,066              |
| 2001 ....            | 124,250          | 286            | 35,527            | 30.40              | 1,080,166            | 274,860        | 33.65          | 9,248,720   | 59.20              | 547,473              |
| 2002 ....            | 124,400          | 305            | 36,667            | 32.30              | 1,184,434            | 311,800        | 37.39          | 11,656,820  | 58.20              | 683,083              |
| 2003 <sup>3</sup> .. | 116,700          | 280            | 32,644            | 37.00              | 1,206,608            | 293,720        | 33.41          | 9,812,110   | 58.60              | 613,954              |

<sup>1</sup>Price and value of f.o.b. basis. <sup>2</sup>Price and value at processing plant door. <sup>3</sup>Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 4-62.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 2001–2003 <sup>1</sup>**

| Utilization and State         | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|-------------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                               | 2001           | 2002         | 2003 <sup>2</sup> | 2001              | 2002              | 2003 <sup>2</sup> | 2001                    | 2002                    | 2003 <sup>2</sup>       |
| <b>FOR FRESH MARKET</b>       | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AL .....                      | 900            | 1,200        | 1,100             | 212               | 324               | 303               | 21.80                   | 23.10                   | 28.80                   |
| AR .....                      | 1,300          | 1,200        | 1,200             | 299               | 336               | 384               | 35.00                   | 44.00                   | 46.00                   |
| CA .....                      | 38,000         | 36,000       | 33,000            | 10,260            | 11,340            | 9,240             | 24.90                   | 25.30                   | 36.00                   |
| FL .....                      | 44,500         | 43,000       | 43,700            | 14,908            | 13,975            | 13,984            | 32.40                   | 37.80                   | 36.90                   |
| GA .....                      | 2,600          | 2,500        | 1,600             | 949               | 750               | 544               | 25.00                   | 20.00                   | 31.50                   |
| IN .....                      | 1,700          | 1,600        | 1,600             | 281               | 248               | 248               | 62.70                   | 64.10                   | 69.10                   |
| MD .....                      | 1,900          | 2,000        | 1,900             | 266               | 270               | 171               | 38.00                   | 47.00                   | 42.00                   |
| MA <sup>3</sup> .....         | 400            | .....        | .....             | 56                | .....             | .....             | 100.00                  | .....                   | .....                   |
| MI .....                      | 1,800          | 1,700        | 1,800             | 378               | 357               | 396               | 35.00                   | 30.50                   | 34.00                   |
| NJ .....                      | 3,400          | 3,300        | 3,100             | 714               | 759               | 682               | 39.20                   | 36.00                   | 41.00                   |
| NY .....                      | 3,000          | 2,700        | 2,300             | 480               | 378               | 322               | 59.40                   | 63.50                   | 80.60                   |
| NC .....                      | 2,600          | 2,700        | 2,800             | 832               | 891               | 896               | 28.00                   | 27.00                   | 30.00                   |
| OH .....                      | 5,900          | 6,700        | 6,600             | 1,947             | 2,479             | 1,155             | 37.90                   | 36.00                   | 41.50                   |
| PA .....                      | 4,100          | 4,100        | 4,000             | 537               | 697               | 420               | 36.60                   | 23.80                   | 33.00                   |
| SC .....                      | 3,200          | 3,100        | 3,300             | 1,088             | 837               | 1,023             | 21.60                   | 24.80                   | 31.50                   |
| TN .....                      | 3,000          | 3,900        | 3,500             | 495               | 1,326             | 1,225             | 20.00                   | 33.00                   | 37.00                   |
| TX .....                      | 1,200          | 900          | 1,300             | 180               | 180               | 169               | 36.00                   | 32.00                   | 45.00                   |
| VA .....                      | 3,900          | 3,800        | 3,900             | 1,443             | 1,520             | 1,482             | 22.00                   | 27.00                   | 33.00                   |
| Oth Sts <sup>4</sup> .....    | 850            | .....        | .....             | 202               | .....             | .....             | 56.60                   | .....                   | .....                   |
| US .....                      | 124,250        | 120,400      | 116,700           | 35,527            | 36,667            | 32,644            | 30.40                   | 32.30                   | 37.00                   |
| <b>FOR PROCESSING</b>         | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i>       | <i>Tons</i>       | <i>Tons</i>       | <i>Dollars per ton</i>  | <i>Dollars per ton</i>  | <i>Dollars per ton</i>  |
| CA .....                      | 254,000        | 291,000      | 274,000           | 8,640,140         | 11,056,000        | 9,252,000         | 57.50                   | 56.80                   | 57.20                   |
| IN .....                      | 8,000          | 8,100        | 8,200             | 251,120           | 256,450           | 202,290           | 85.80                   | 86.10                   | 86.80                   |
| MI .....                      | 3,100          | 3,200        | 3,100             | 105,400           | 112,000           | 117,800           | 80.00                   | 83.00                   | 83.00                   |
| OH .....                      | 6,200          | 6,300        | 5,700             | 164,610           | 149,630           | 173,280           | 80.30                   | 80.60                   | 77.60                   |
| Other States <sup>5</sup> ... | 3,560          | 3,200        | 2,720             | 87,450            | 82,740            | 66,740            | 85.40                   | 87.60                   | 80.90                   |
| US .....                      | 274,860        | 311,800      | 293,720           | 9,248,720         | 11,656,820        | 9,812,110         | 59.20                   | 58.20                   | 58.60                   |
| Grand total                   | 399,110        | 432,200      | 410,420           | 11,025,077        | 13,490,170        | 11,444,310        | .....                   | .....                   | .....                   |

<sup>1</sup>Cherry, grape, tomatillo, and greenhouse tomatoes are excluded. <sup>2</sup>Preliminary. <sup>3</sup>Estimates discontinued in 2002. <sup>4</sup>2001 - CT and HI, CT and HI estimates discontinued in 2002. <sup>5</sup>2001 - DE, MD, NJ, PA, and VA. 2002 - MD, NJ, and PA. 2003 - MD, NJ, and PA. DE and VA estimates discontinued in 2002.  
 NASS, Crops Branch, (202) 720-2127.



**Table 4-63.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 2002**

| Commodity                            | Jan.          | Feb.          | Mar.          | Apr.          | May           | June          | July          | Aug.          | Sep.          | Oct.          | Nov.          | Dec.          | Total          |
|--------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
|                                      | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.     |
| <b>Vegetables:</b>                   |               |               |               |               |               |               |               |               |               |               |               |               |                |
| Artichokes .....                     | 35            | 40            | 69            | 99            | 79            | 32            | 49            | 37            | 62            | 64            | 39            | 22            | 627            |
| Asparagus .....                      | 5             | 23            | 232           | 384           | 283           | 123           | 3             | .....         | .....         | .....         | .....         | .....         | 1,053          |
| Beans .....                          | 191           | 206           | 322           | 301           | 317           | 102           | 54            | 128           | 93            | 142           | 261           | 166           | 2,283          |
| Broccoli .....                       | 544           | 618           | 612           | 737           | 835           | 656           | 633           | 589           | 569           | 663           | 624           | 773           | 7,853          |
| Cabbage .....                        | 1,139         | 1,163         | 1,567         | 1,027         | 886           | 472           | 467           | 792           | 799           | 863           | 946           | 1,167         | 11,288         |
| Carrots .....                        | 889           | 837           | 1,021         | 897           | 1,044         | 821           | 743           | 681           | 667           | 751           | 830           | 724           | 9,905          |
| Cauliflower .....                    | 279           | 429           | 391           | 422           | 442           | 343           | 372           | 332           | 371           | 402           | 446           | 395           | 4,624          |
| Celery .....                         | 1,342         | 1,078         | 1,237         | 1,130         | 1,295         | 1,333         | 1,269         | 1,108         | 1,117         | 1,252         | 1,825         | 1,452         | 15,438         |
| Chinese cabbage .....                | 35            | 23            | 18            | 5             | .....         | .....         | .....         | .....         | 61            | 129           | 86            | 97            | 454            |
| Corn, sweet .....                    | 238           | 291           | 459           | 1,523         | 3,095         | 2,314         | 598           | 345           | 192           | 318           | 289           | 268           | 9,930          |
| Cucumbers .....                      | 80            | 40            | 359           | 510           | 612           | 455           | 553           | 641           | 487           | 436           | 394           | 132           | 4,699          |
| Eggplant .....                       | 41            | 29            | 37            | 42            | 105           | 27            | 14            | .....         | .....         | 19            | 56            | 46            | 416            |
| Endive .....                         | 17            | 17            | 20            | 8             | 1             | .....         | .....         | .....         | .....         | .....         | 8             | 17            | 88             |
| Escarole .....                       | 19            | 21            | 23            | 14            | 1             | .....         | .....         | .....         | .....         | .....         | 11            | 20            | 109            |
| Greens .....                         | 231           | 229           | 338           | 234           | 120           | 68            | 55            | 71            | 57            | 85            | 328           | 395           | 2,211          |
| Lettuce, iceberg .....               | 3,026         | 2,400         | 2,274         | 3,816         | 3,761         | 3,402         | 3,653         | 3,519         | 3,169         | 3,320         | 2,969         | 3,030         | 38,339         |
| Lettuce, other .....                 | 389           | 286           | 343           | 350           | 328           | 266           | 282           | 289           | 268           | 316           | 321           | 363           | 3,801          |
| Lettuce, romaine .....               | 994           | 838           | 1,042         | 870           | 829           | 670           | 691           | 758           | 644           | 817           | 801           | 1,141         | 10,095         |
| Okra .....                           | .....         | .....         | 1             | 8             | 19            | 16            | 15            | 14            | 17            | 15            | 12            | 4             | 121            |
| Onions, dry .....                    | 3,742         | 3,070         | 2,812         | 3,178         | 3,995         | 3,334         | 3,893         | 4,108         | 3,916         | 4,022         | 3,679         | 3,400         | 43,149         |
| Onions, green .....                  | 14            | 15            | 15            | 23            | 46            | 61            | 68            | 57            | 59            | 57            | 39            | 12            | 466            |
| Parsley .....                        | 31            | 27            | 31            | 19            | 2             | .....         | .....         | .....         | .....         | .....         | 2             | 17            | 129            |
| Peppers, bell .....                  | 576           | 609           | 717           | 780           | 1,011         | 918           | 804           | 555           | 701           | 894           | 811           | 465           | 8,841          |
| Peppers, other .....                 | 27            | 35            | 39            | 47            | 36            | 4             | 1             | .....         | .....         | 7             | 41            | 38            | 275            |
| Potatoes, table .....                | 9,602         | 7,807         | 9,811         | 8,412         | 9,812         | 8,415         | 7,603         | 8,413         | 8,438         | 8,964         | 9,829         | 9,217         | 106,323        |
| Potatoes, chipper .....              | 2,678         | 3,351         | 4,316         | 3,547         | 4,640         | 4,757         | 2,433         | 2,837         | 2,418         | 2,586         | 3,252         | 3,001         | 39,816         |
| Potatoes, seed .....                 | 488           | 746           | 3,114         | 7,098         | 3,318         | 135           | 1             | .....         | 40            | 49            | 79            | 252           | 15,320         |
| Radishes .....                       | 25            | 33            | 34            | 32            | 25            | .....         | .....         | .....         | .....         | .....         | 25            | 43            | 217            |
| Spinach .....                        | 93            | 85            | 70            | 46            | 63            | 45            | 51            | 54            | 46            | 44            | 51            | 61            | 709            |
| Squash .....                         | 148           | 158           | 231           | 265           | 53            | 60            | 37            | 72            | 19            | 80            | 170           | 111           | 1,404          |
| Sweet potatoes .....                 | 243           | 271           | 447           | 227           | 278           | 253           | 230           | 274           | 274           | 337           | 907           | 399           | 4,140          |
| Tomatoes .....                       | 1,857         | 1,364         | 1,407         | 2,063         | 2,089         | 1,967         | 2,163         | 2,221         | 2,318         | 2,416         | 2,127         | 1,775         | 23,767         |
| Tomatoes, cherry .....               | 127           | 103           | 124           | 205           | 249           | 97            | 26            | 15            | 14            | 111           | 154           | 162           | 1,387          |
| Tomatoes, plum .....                 | 168           | 130           | 127           | 230           | 401           | 221           | 211           | 197           | 209           | 312           | 257           | 205           | 2,668          |
| Vegetables, other <sup>1</sup> ..... | 1             | 1             | .....         | .....         | .....         | .....         | .....         | .....         | .....         | .....         | .....         | .....         | 2              |
| <b>Total .....</b>                   | <b>29,314</b> | <b>26,373</b> | <b>33,660</b> | <b>38,549</b> | <b>40,070</b> | <b>31,367</b> | <b>26,972</b> | <b>28,107</b> | <b>27,025</b> | <b>29,471</b> | <b>31,669</b> | <b>29,370</b> | <b>371,947</b> |
| <b>Melons:</b>                       |               |               |               |               |               |               |               |               |               |               |               |               |                |
| Cantaloups .....                     | .....         | 1             | .....         | 145           | 2,651         | 3,967         | 1,087         | 392           | 306           | 1,089         | 760           | 104           | 10,502         |
| Honeydews .....                      | .....         | .....         | .....         | 1             | 374           | 611           | 212           | 98            | 92            | 370           | 145           | 7             | 1,910          |
| Mixed and miscellane-<br>ous .....   | .....         | .....         | .....         | .....         | 19            | 181           | 46            | .....         | .....         | .....         | .....         | .....         | 246            |
| Watermelons .....                    | .....         | .....         | .....         | 1,024         | 6,053         | 9,641         | 7,079         | 4,933         | 1,287         | 414           | 182           | 11            | 30,624         |
| <b>Total .....</b>                   | <b>.....</b>  | <b>1</b>      | <b>.....</b>  | <b>1,170</b>  | <b>9,097</b>  | <b>14,400</b> | <b>8,424</b>  | <b>5,423</b>  | <b>1,685</b>  | <b>1,873</b>  | <b>1,087</b>  | <b>122</b>    | <b>43,282</b>  |
| <b>Grand total .....</b>             | <b>29,314</b> | <b>26,374</b> | <b>33,660</b> | <b>39,719</b> | <b>49,167</b> | <b>45,767</b> | <b>35,396</b> | <b>33,530</b> | <b>28,710</b> | <b>31,344</b> | <b>32,756</b> | <b>29,492</b> | <b>415,229</b> |

<sup>1</sup> Not otherwise specified.

AMS, Fruit and Vegetable Division, Market News Branch, (202) 720-3343.

**Table 4-64.—Vegetables (fresh), melons, potatoes, sweet potatoes: Per capita civilian utilization (farm-weight basis), United States, 1993–2003 <sup>1</sup>**

| Year                    | Cabbage       | Cucumbers     | Tomatoes      | Asparagus     | Broccoli      | Carrots       | Head Lettuce  | Leaf/romaine  |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                         | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| 1993 .....              | 9.3           | 5.2           | 16.3          | 0.6           | 3.3           | 10.8          | 24.4          | 5.0           |
| 1994 .....              | 9.1           | 5.4           | 16.2          | 0.6           | 4.4           | 12.7          | 25.0          | 5.7           |
| 1995 .....              | 8.1           | 5.6           | 16.8          | 0.6           | 4.3           | 11.2          | 22.2          | 5.9           |
| 1996 .....              | 8.3           | 5.9           | 17.4          | 0.6           | 4.5           | 12.4          | 21.6          | 5.8           |
| 1997 .....              | 9.0           | 6.4           | 16.8          | 0.7           | 5.0           | 14.1          | 23.9          | 6.6           |
| 1998 .....              | 8.5           | 6.5           | 17.5          | 0.7           | 5.1           | 12.7          | 21.6          | 6.7           |
| 1999 .....              | 7.6           | 6.8           | 17.8          | 0.9           | 6.5           | 10.9          | 23.9          | 7.7           |
| 2000 .....              | 9.0           | 6.4           | 17.6          | 1.0           | 6.1           | 10.5          | 23.4          | 8.6           |
| 2001 .....              | 9.1           | 6.4           | 17.4          | 0.9           | 5.6           | 10.6          | 23.5          | 8.3           |
| 2002 .....              | 8.4           | 6.7           | 18.3          | 1.0           | 5.0           | 12.5          | 22.4          | 8.3           |
| 2003 <sup>3</sup> ..... | 8.6           | 6.7           | 18.6          | 1.0           | 5.5           | 12.7          | 22.3          | 8.7           |

  

| Year                    | Snap beans    | Garlic        | Cauliflower   | Celery        | Sweet Corn    | Onions        | Spinach       | Bell peppers  |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                         | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| 1993 .....              | 1.5           | 1.7           | 2.1           | 7.3           | 7.0           | 17.2          | 0.7           | 6.1           |
| 1994 .....              | 1.5           | 1.8           | 2.0           | 7.2           | 8.2           | 16.9          | 0.8           | 6.4           |
| 1995 .....              | 1.6           | 1.8           | 1.6           | 6.9           | 7.8           | 17.8          | 0.7           | 6.2           |
| 1996 .....              | 1.5           | 2.3           | 1.7           | 7.0           | 8.3           | 18.3          | 0.6           | 7.1           |
| 1997 .....              | 1.3           | 2.0           | 1.8           | 6.5           | 8.3           | 18.8          | 1.1           | 6.4           |
| 1998 .....              | 1.7           | 2.6           | 1.5           | 6.5           | 9.3           | 18.3          | 1.0           | 6.4           |
| 1999 .....              | 1.9           | 3.3           | 1.9           | 6.6           | 9.1           | 18.1          | 1.0           | 6.7           |
| 2000 .....              | 2.0           | 2.2           | 2.0           | 6.4           | 9.2           | 18.3          | 1.6           | 7.0           |
| 2001 .....              | 2.2           | 2.4           | 1.6           | 6.6           | 9.4           | 17.8          | 1.2           | 6.7           |
| 2002 .....              | 2.1           | 2.5           | 1.5           | 6.5           | 8.9           | 18.7          | 1.5           | 7.0           |
| 2003 <sup>3</sup> ..... | 2.1           | 2.4           | 1.7           | 6.5           | 9.4           | 17.4          | 1.6           | 7.1           |

  

| Year                    | Watermelon    | Cantaloupe    | Honeydew melons | Others <sup>2</sup> | Total vegetables and melons | Potatoes      | Sweet potatoes |
|-------------------------|---------------|---------------|-----------------|---------------------|-----------------------------|---------------|----------------|
|                         | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i>   | <i>Pounds</i>       | <i>Pounds</i>               | <i>Pounds</i> | <i>Pounds</i>  |
| 1993 .....              | 14.2          | 8.6           | 1.7             | 6.0                 | 149.0                       | 50.1          | 3.7            |
| 1994 .....              | 15.0          | 8.4           | 2.0             | 6.3                 | 155.6                       | 49.6          | 4.5            |
| 1995 .....              | 15.2          | 9.0           | 1.9             | 5.9                 | 151.1                       | 49.2          | 4.2            |
| 1996 .....              | 16.6          | 10.3          | 2.0             | 5.9                 | 158.1                       | 49.9          | 4.3            |
| 1997 .....              | 15.5          | 10.5          | 2.2             | 6.1                 | 163.0                       | 48.5          | 4.3            |
| 1998 .....              | 14.3          | 10.7          | 2.3             | 6.4                 | 160.3                       | 47.0          | 3.8            |
| 1999 .....              | 15.4          | 11.5          | 2.5             | 6.2                 | 166.3                       | 48.0          | 3.7            |
| 2000 .....              | 13.9          | 10.8          | 2.2             | 15.0                | 173.2                       | 47.3          | 4.2            |
| 2001 .....              | 15.1          | 11.2          | 2.0             | 13.7                | 171.7                       | 46.4          | 4.4            |
| 2002 .....              | 13.9          | 11.3          | 2.2             | 10.9                | 169.6                       | 45.2          | 3.8            |
| 2003 <sup>3</sup> ..... | 14.8          | 11.0          | 2.2             | 11.1                | 171.4                       | 45.4          | 4.0            |

<sup>1</sup>Fresh vegetable consumption computed for total commercial production for fresh market. Does not include production for home use. Consumption obtained by dividing the total apparent consumption by total July 1 population as reported by the Bureau of the Census. All data for calendar year. <sup>2</sup>Includes artichokes, eggplant, radishes, brussels sprouts, squash, green limas, and escarole/endive. Beginning in 2000, also includes collards, mustard greens, turnip greens, kale, okra, and pumpkins. <sup>3</sup>Preliminary.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202)694-5253.

**Table 4-65.—Vegetables, frozen: Commercial pack, United States, 1993–2002**

| Commodity                        | 1993                    | 1994                    | 1995                    | 1996                    | 1997                    |
|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                                  | <i>1,000<br/>pounds</i> | <i>1,000<br/>pounds</i> | <i>1,000<br/>pounds</i> | <i>1,000<br/>pounds</i> | <i>1,000<br/>pounds</i> |
| Artichokes .....                 | 733                     | 1,364                   |                         |                         |                         |
| Asparagus .....                  | 14,522                  | 14,967                  | 13,985                  | 10,364                  | 10,103                  |
| Beans, butter .....              | 3,642                   | 7,491                   | 7,664                   | 4,577                   | 5,170                   |
| Beans, green, regular cut .....  | 203,333                 | 239,059                 | 208,246                 | 232,711                 | 231,625                 |
| Beans, green, French cut .....   | 69,478                  | 71,104                  | 70,144                  | 65,041                  | 75,086                  |
| Beans, green, wax .....          | 6,091                   | 9,144                   | 7,120                   | 7,592                   | 7,324                   |
| Beans, green, Italian .....      | 18,639                  | 25,197                  | 17,267                  | 17,711                  | 18,364                  |
| Beans, whole .....               | 33,811                  | 41,173                  | 53,538                  | 50,517                  | 58,605                  |
| Beans, baby lima .....           | 66,464                  | 95,695                  | 101,295                 | 85,053                  | 97,598                  |
| Beans, lima, Fordhook .....      | 13,322                  | 18,942                  | 20,489                  | 22,645                  | 25,872                  |
| Broccoli .....                   | 165,183                 | 151,150                 | 205,471                 | 138,387                 | 109,013                 |
| Brussels sprouts .....           | 46,950                  | 34,393                  | 25,519                  | 30,154                  | 26,436                  |
| Carrots .....                    | 403,174                 | 412,709                 | 418,816                 | 397,967                 | 409,044                 |
| Cauliflower .....                | 73,335                  | 66,878                  | 64,207                  | 48,541                  | 44,590                  |
| Celery .....                     | 36,668                  | 34,334                  | 32,279                  | 40,343                  | 32,985                  |
| Collards .....                   | 17,714                  | 20,871                  | 17,647                  | 17,709                  | 22,244                  |
| Corn, cut .....                  | 473,105                 | 686,140                 | 694,110                 | 646,389                 | 736,545                 |
| Corn-on-cob .....                | 377,657                 | 492,522                 | 414,662                 | 383,840                 | 464,942                 |
| Kale .....                       | 4,010                   | 3,212                   | 3,664                   | 2,671                   | 4,213                   |
| Mushrooms .....                  | 21,535                  | 27,200                  | 26,778                  | 23,219                  | 13,139                  |
| Mustard greens .....             | 12,311                  | 9,987                   | 10,302                  | 11,294                  | 57,725                  |
| Okra .....                       | 34,593                  | 65,114                  | 64,810                  | 60,847                  | 115,980                 |
| Onions .....                     | 91,576                  | 100,138                 | 99,639                  | 111,021                 | 25,363                  |
| Peas, blackeye .....             | 25,582                  | 33,427                  | 29,352                  | 22,901                  | 468,074                 |
| Peas, green .....                | 391,943                 | 499,744                 | 505,350                 | 369,390                 | 40,746                  |
| Peppers, green and red .....     | 46,331                  | 42,787                  | 54,155                  | 44,858                  | 8,381,370               |
| Potato products .....            | 7,252,774               | 7,934,849               | 8,364,909               | 8,419,203               | 24,570                  |
| Pumpkin and cooked squash .....  | 24,196                  | 27,356                  | 28,097                  | 20,058                  | 7,505                   |
| Rhubarb .....                    | 10,081                  | 7,525                   | 8,228                   | 6,910                   | 198,715                 |
| Spinach .....                    | 167,147                 | 204,495                 | 185,640                 | 182,999                 | 46,579                  |
| Squash, summer .....             | 57,366                  | 58,050                  | 54,957                  | 42,387                  | 20,992                  |
| Sweet potatoes and yams .....    | 16,234                  | 19,506                  | 14,127                  | 14,532                  | 20,490                  |
| Turnip greens .....              | 17,666                  | 19,834                  | 18,203                  | 19,112                  | 25,119                  |
| Turnip greens with turnips ..... | 23,776                  | 21,998                  | 17,041                  | 19,568                  | 22,537                  |
| Miscellaneous vegetables .....   | 15,164                  | 38,575                  | 41,004                  | 36,715                  | 46,363                  |
| Total .....                      | 10,236,106              | 11,536,930              | 11,898,715              | 11,607,226              | 11,895,026              |

  

| Commodity                        | 1998                    | 1999                    | 2000                    | 2001                    | 2002                    |
|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                                  | <i>1,000<br/>pounds</i> | <i>1,000<br/>pounds</i> | <i>1,000<br/>pounds</i> | <i>1,000<br/>pounds</i> | <i>1,000<br/>pounds</i> |
| Artichokes .....                 |                         |                         |                         |                         |                         |
| Asparagus .....                  | 9,792                   | 12,439                  | 10,224                  | 9,348                   | 7,221                   |
| Beans, butter .....              | 7,298                   | 8,515                   | 7,771                   | 7,688                   | 5,639                   |
| Beans, green, regular cut .....  | 214,871                 | 207,345                 | 235,279                 | 240,514                 | 177,248                 |
| Beans, green, French cut .....   | 73,613                  | 54,955                  | 52,454                  | 55,503                  | 44,836                  |
| Beans, green, wax .....          | 8,927                   | 7,132                   | 8,512                   | 8,341                   | 6,867                   |
| Beans, green, Italian .....      | 18,531                  | 23,537                  | 15,979                  | 15,818                  | 19,473                  |
| Beans, whole .....               | 71,481                  | 63,714                  | 77,619                  | 74,005                  | 75,118                  |
| Beans, baby lima .....           | 101,757                 | 83,381                  | 71,637                  | 67,000                  | 72,966                  |
| Beans, lima, Fordhook .....      | 22,962                  | 14,369                  | 15,443                  | 11,920                  | 53,501                  |
| Broccoli .....                   | 144,361                 | 174,283                 | 138,944                 | 137,705                 | 135,219                 |
| Brussels sprouts .....           | 33,062                  | 35,264                  | 22,583                  | 19,951                  | 22,258                  |
| Carrots .....                    | 388,094                 | 424,691                 | 412,744                 | 206,085                 | 261,789                 |
| Cauliflower .....                | 44,607                  | 42,445                  | 40,405                  | 35,550                  | 22,403                  |
| Celery .....                     | 29,001                  | 32,966                  | 48,402                  | 45,683                  | 25,464                  |
| Collards .....                   | 26,915                  | 17,685                  | 26,949                  | 23,420                  | 27,959                  |
| Corn, cut .....                  | 753,429                 | 665,209                 | 666,617                 | 622,984                 | 610,664                 |
| Corn-on-cob .....                | 435,271                 | 404,831                 | 372,794                 | 343,516                 | 343,367                 |
| Kale .....                       | 2,936                   | 2,319                   | 2,850                   | 2,169                   | 3,458                   |
| Mustard greens .....             | 10,349                  | 11,152                  | 13,799                  | 12,841                  | 9,776                   |
| Okra .....                       | 85,762                  | 90,004                  | 75,770                  | 70,735                  | 66,781                  |
| Onions <sup>1</sup> .....        | 122,289                 | 123,414                 | 108,891                 | 107,592                 | 110,022                 |
| Peas, blackeye .....             | 27,684                  | 16,328                  | 26,652                  | 24,973                  | 10,090                  |
| Peas, green .....                | 491,377                 | 444,050                 | 451,995                 | 446,389                 | 281,493                 |
| Peppers, green and red .....     | 42,599                  | 53,876                  | 46,165                  | 45,712                  | 47,508                  |
| Potato products .....            | 8,723,707               | 8,765,173               | 7,622,629               | 7,847,656               | 7,799,687               |
| Pumpkin and cooked squash .....  | 19,329                  | 17,889                  | 20,346                  | 19,133                  | 9,924                   |
| Rhubarb .....                    | 6,558                   | 6,353                   | 3,276                   | 2,594                   | 2,594                   |
| Spinach .....                    | 190,028                 | 174,149                 | 172,543                 | 173,850                 | 211,272                 |
| Squash, summer .....             | 42,976                  | 34,842                  | 31,117                  | 28,700                  | 40,728                  |
| Sweet potatoes and yams .....    | <sup>1</sup>            | <sup>1</sup>            | <sup>1</sup>            | 12,736                  | <sup>1</sup>            |
| Turnip greens .....              | 21,719                  | 32,499                  | 22,933                  | 15,049                  | 24,879                  |
| Turnip greens with turnips ..... | 19,485                  | <sup>2</sup>            | 15,780                  | 0                       | 7,641                   |
| Mushrooms .....                  | 20,415                  | 25,117                  | 36,928                  | 32,332                  | 35,531                  |
| Miscellaneous vegetables .....   | 42,849                  | 51,341                  | 39,467                  | 55,383                  | 55,383                  |
| Total .....                      | 12,253,884              | 12,121,317              | 10,915,497              | 10,822,875              | 10,763,430              |

<sup>1</sup> Included with miscellaneous vegetables. <sup>2</sup> Included with Turnip Greens.

ERS, Specialty Crops Branch, (202) 694–5253. Data from American Frozen Food Institute.

**Table 4-66.—Vegetables, canning: Per capita utilization (farm weight), United States, 1993–2003**

| Year              | Cabbage for kraut | Asparagus     | Snap beans    | Carrots       | Green peas    |
|-------------------|-------------------|---------------|---------------|---------------|---------------|
|                   | <i>Pounds</i>     | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| 1993              | 1.4               | 0.3           | 4.0           | 1.0           | 1.6           |
| 1994              | 1.2               | 0.2           | 3.8           | 1.4           | 1.4           |
| 1995              | 1.4               | 0.3           | 3.5           | 1.6           | 1.6           |
| 1996              | 1.0               | 0.2           | 3.8           | 1.7           | 1.5           |
| 1997              | 1.4               | 0.2           | 3.6           | 1.5           | 1.5           |
| 1998              | 1.4               | 0.2           | 3.8           | 1.4           | 1.4           |
| 1999              | 1.2               | 0.2           | 3.7           | 1.4           | 1.4           |
| 2000              | 1.4               | 0.2           | 4.0           | 1.1           | 1.5           |
| 2001              | 1.3               | 0.2           | 3.8           | 1.9           | 1.4           |
| 2002              | 1.3               | 0.2           | 3.5           | 1.2           | 1.2           |
| 2003 <sup>1</sup> | 1.3               | 0.2           | 3.7           | 1.5           | 1.3           |

| Year              | Tomatoes      | Corn          | Pickles       | Other <sup>2</sup> | Total <sup>3</sup> |
|-------------------|---------------|---------------|---------------|--------------------|--------------------|
|                   | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i>      | <i>Pounds</i>      |
| 1993              | 75.8          | 11.1          | 4.3           | 7.1                | 106.6              |
| 1994              | 76.3          | 10.1          | 4.8           | 6.9                | 106.1              |
| 1995              | 74.6          | 10.4          | 5.0           | 6.1                | 104.5              |
| 1996              | 73.1          | 10.4          | 4.1           | 6.8                | 102.6              |
| 1997              | 72.6          | 9.1           | 5.2           | 6.8                | 101.9              |
| 1998              | 74.0          | 9.2           | 4.0           | 6.8                | 102.2              |
| 1999              | 71.2          | 9.1           | 4.2           | 7.2                | 99.6               |
| 2000              | 70.1          | 9.0           | 4.9           | 7.6                | 99.8               |
| 2001              | 65.5          | 8.7           | 3.7           | 8.6                | 94.2               |
| 2002              | 69.0          | 7.8           | 4.8           | 7.4                | 96.4               |
| 2003 <sup>1</sup> | 70.3          | 8.0           | 4.5           | 7.7                | 98.5               |

<sup>1</sup> Preliminary. <sup>2</sup> Includes beets, chile peppers (all uses), green lima beans and spinach. <sup>3</sup> Totals may not add due to rounding.

ERS, Specialty Crops Branch, (202) 694-5253.

**Table 4-67.—Watermelon for fresh market: Area, production, and value per hundredweight, by States, 2001–2003**

| State                | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                      | 2001           | 2002         | 2003 <sup>1</sup> | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|                      | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AL                   | 2,400          | 3,500        | 2,300             | 432               | 438               | 380               | 6.60                    | 6.65                    | 7.40                    |
| AZ                   | 6,100          | 6,100        | 5,700             | 2,623             | 2,562             | 2,508             | 10.20                   | 8.30                    | 11.80                   |
| AR                   | 3,000          | 2,500        | 2,300             | 510               | 463               | 345               | 4.90                    | 5.70                    | 6.60                    |
| CA                   | 11,800         | 11,500       | 12,400            | 6,254             | 5,865             | 5,952             | 10.90                   | 12.70                   | 12.10                   |
| DE                   | 2,700          | 2,700        | 2,700             | 1,161             | 1,215             | 783               | 8.00                    | 9.00                    | 8.00                    |
| FL                   | 24,000         | 23,000       | 24,000            | 7,440             | 7,590             | 7,200             | 5.70                    | 8.20                    | 8.60                    |
| GA                   | 22,000         | 20,000       | 24,000            | 5,830             | 5,100             | 5,160             | 5.00                    | 5.80                    | 7.80                    |
| IN                   | 6,400          | 6,700        | 7,000             | 2,560             | 2,412             | 2,590             | 7.80                    | 8.40                    | 9.40                    |
| LA <sup>2</sup>      | .....          | 1,800        | 1,800             | .....             | 216               | 234               | .....                   | 6.80                    | 7.40                    |
| MD                   | 3,100          | 3,200        | 2,900             | 868               | 896               | 638               | 8.00                    | 10.00                   | 8.00                    |
| MS                   | 2,500          | 2,300        | 1,800             | 425               | 357               | 261               | 5.50                    | 6.50                    | 7.50                    |
| MO                   | 5,000          | 5,100        | 4,700             | 1,150             | 1,326             | 1,387             | 4.25                    | 5.80                    | 5.50                    |
| NC                   | 9,500          | 9,600        | 8,800             | 1,473             | 1,632             | 1,100             | 5.70                    | 6.50                    | 7.00                    |
| OK                   | 6,000          | 5,500        | 6,000             | 750               | 715               | 840               | 7.00                    | 7.00                    | 6.70                    |
| SC                   | 7,700          | 7,500        | 7,000             | 1,386             | 1,313             | 1,190             | 5.70                    | 6.00                    | 6.50                    |
| TX                   | 45,000         | 37,000       | 35,000            | 7,200             | 6,660             | 7,700             | 4.50                    | 8.50                    | 8.80                    |
| VA                   | 1,400          | 1,600        | 1,600             | 294               | 288               | 216               | 7.00                    | 6.00                    | 6.00                    |
| Total                | 158,600        | 149,600      | 150,000           | 40,356            | 39,048            | 38,484            | 6.72                    | 8.36                    | 8.99                    |
| Oth Sts <sup>3</sup> | 2,220          | .....        | .....             | 292               | .....             | .....             | 12.90                   | .....                   | .....                   |
| US                   | 160,820        | 149,600      | 150,000           | 40,648            | 39,048            | 38,484            | 6.77                    | 8.36                    | 8.99                    |

<sup>1</sup> Preliminary. <sup>2</sup> 2001 data not published to avoid disclosure of individual operations. Data have been included in the Other States total. <sup>3</sup> 2001 - HI and LA. HI estimates discontinued in 2002.

NASS, Crops Branch, (202) 720-2127.

**Table 4-68.—Vegetables, freezing: Per capita utilization (farm weight basis), United States, 1993–2003**

| Year                    | Leafy, green, and yellow vegetables |               |               |               |               |
|-------------------------|-------------------------------------|---------------|---------------|---------------|---------------|
|                         | Asparagus                           | Snap beans    | Carrots       | Peas          | Broccoli      |
|                         | <i>Pounds</i>                       | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| 1993 .....              | 0.1                                 | 1.7           | 2.8           | 1.9           | 2.3           |
| 1994 .....              | 0.1                                 | 1.9           | 2.8           | 2.1           | 2.3           |
| 1995 .....              | 0.1                                 | 1.7           | 2.6           | 2.1           | 2.6           |
| 1996 .....              | 0.1                                 | 1.9           | 2.8           | 1.9           | 2.5           |
| 1997 .....              | 0.1                                 | 1.8           | 2.6           | 2.0           | 2.3           |
| 1998 .....              | 0.1                                 | 2.0           | 2.8           | 1.9           | 2.1           |
| 1999 .....              | 0.1                                 | 2.0           | 2.4           | 2.0           | 2.1           |
| 2000 .....              | 0.1                                 | 1.8           | 2.7           | 2.1           | 2.3           |
| 2001 .....              | 0.1                                 | 1.9           | 1.5           | 2.0           | 2.0           |
| 2002 .....              | 0.1                                 | 1.7           | 1.8           | 1.7           | 2.1           |
| 2003 <sup>1</sup> ..... | 0.1                                 | 1.8           | 1.7           | 1.9           | 2.1           |

  

| Year                    | Cauliflower   | Sweet Corn    | Other <sup>2</sup> | Total vegetables excluding potatoes | Potato products | Grand total   |
|-------------------------|---------------|---------------|--------------------|-------------------------------------|-----------------|---------------|
|                         | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i>      | <i>Pounds</i>                       | <i>Pounds</i>   | <i>Pounds</i> |
| 1993 .....              | 0.7           | 9.7           | 2.7                | 21.9                                | 53.5            | 75.4          |
| 1994 .....              | 0.6           | 9.1           | 2.9                | 21.8                                | 55.7            | 77.5          |
| 1995 .....              | 0.6           | 10.3          | 2.8                | 22.8                                | 56.2            | 79.0          |
| 1996 .....              | 0.5           | 10.4          | 3.1                | 23.2                                | 60.2            | 83.4          |
| 1997 .....              | 0.4           | 10.1          | 3.0                | 22.3                                | 59.3            | 81.6          |
| 1998 .....              | 0.8           | 9.8           | 2.9                | 22.4                                | 58.2            | 80.6          |
| 1999 .....              | 0.5           | 10.1          | 3.2                | 22.4                                | 58.5            | 80.9          |
| 2000 .....              | 0.6           | 9.0           | 3.1                | 21.7                                | 57.8            | 79.5          |
| 2001 .....              | 0.6           | 9.3           | 2.9                | 20.3                                | 57.9            | 78.2          |
| 2002 .....              | 0.3           | 9.4           | 3.8                | 20.9                                | 55.1            | 76.0          |
| 2003 <sup>1</sup> ..... | 0.4           | 9.7           | 3.4                | 21.1                                | 55.5            | 76.6          |

<sup>1</sup> Preliminary. <sup>2</sup> Includes green lima beans, spinach, and miscellaneous freezing vegetables. ERS, Specialty Crops Branch, (202) 694-5253.

**Table 4-69.—Commercially produced vegetables: Per capita utilization, United States, 1993–2003<sup>1</sup>**

| Year                    | Farm weight equivalent    |                    |                        |               |               | Percentage of annual total |                |                |                |
|-------------------------|---------------------------|--------------------|------------------------|---------------|---------------|----------------------------|----------------|----------------|----------------|
|                         | Total fresh and processed | Fresh <sup>2</sup> | Processed <sup>3</sup> |               |               | Fresh                      | Processed      |                |                |
|                         |                           |                    | Total                  | Canning       | Freezing      |                            | Total          | Canning        | Freezing       |
|                         | <i>Pounds</i>             | <i>Pounds</i>      | <i>Pounds</i>          | <i>Pounds</i> | <i>Pounds</i> | <i>Percent</i>             | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| 1993 .....              | 277.5                     | 149.0              | 128.5                  | 106.6         | 21.9          | 53.7                       | 46.3           | 38.4           | 7.9            |
| 1994 .....              | 283.5                     | 155.6              | 127.9                  | 106.1         | 21.8          | 54.9                       | 45.1           | 37.4           | 7.7            |
| 1995 .....              | 278.4                     | 151.1              | 127.3                  | 104.5         | 22.8          | 54.3                       | 45.7           | 37.5           | 8.2            |
| 1996 .....              | 283.9                     | 158.1              | 125.8                  | 102.6         | 23.2          | 55.7                       | 44.3           | 36.1           | 8.2            |
| 1997 .....              | 287.2                     | 163.0              | 124.2                  | 101.9         | 22.3          | 56.8                       | 43.2           | 35.5           | 7.8            |
| 1998 .....              | 284.9                     | 160.3              | 124.6                  | 102.2         | 22.4          | 56.3                       | 43.7           | 35.9           | 7.9            |
| 1999 .....              | 288.3                     | 166.3              | 122.0                  | 99.6          | 22.4          | 57.7                       | 42.3           | 34.5           | 7.8            |
| 2000 .....              | 294.7                     | 173.2              | 121.5                  | 99.8          | 21.7          | 58.8                       | 41.2           | 33.9           | 7.4            |
| 2001 .....              | 286.2                     | 171.7              | 114.5                  | 94.2          | 20.3          | 60.0                       | 40.0           | 32.9           | 7.1            |
| 2002 .....              | 286.9                     | 169.6              | 117.3                  | 96.4          | 20.9          | 59.1                       | 40.9           | 33.6           | 7.3            |
| 2002 <sup>1</sup> ..... | 291.0                     | 171.4              | 119.6                  | 98.5          | 21.1          | 58.9                       | 41.1           | 33.8           | 7.3            |

<sup>1</sup> Excludes potatoes, sweet potatoes, pulses, dehydrating onions, and mushrooms. <sup>2</sup> See table 4-64 for items included. Includes melons. <sup>3</sup> See table 4-65 for items included.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694-5253.

**Table 4-70.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 2002 and 2003**

| Month          | Asparagus    |              | Green beans, regular cut |              | Green beans, French cut |              | Green beans, total |              |
|----------------|--------------|--------------|--------------------------|--------------|-------------------------|--------------|--------------------|--------------|
|                | 2002         | 2003         | 2002                     | 2003         | 2002                    | 2003         | 2002               | 2003         |
|                | 1,000 pounds | 1,000 pounds | 1,000 pounds             | 1,000 pounds | 1,000 pounds            | 1,000 pounds | 1,000 pounds       | 1,000 pounds |
| January .....  | 9,581        | 6,642        | 117,027                  | 141,964      | 18,171                  | 19,640       | 135,198            | 161,604      |
| February ..... | 8,599        | 5,877        | 102,337                  | 133,125      | 14,995                  | 15,934       | 117,332            | 149,059      |
| March .....    | 7,698        | 5,603        | 89,335                   | 112,119      | 13,304                  | 13,109       | 102,639            | 125,228      |
| April .....    | 7,357        | 5,284        | 64,490                   | 94,297       | 11,408                  | 11,189       | 75,898             | 105,486      |
| May .....      | 7,481        | 7,035        | 55,541                   | 78,553       | 8,913                   | 8,895        | 64,454             | 87,448       |
| June .....     | 10,954       | 10,977       | 48,312                   | 55,559       | 7,398                   | 7,272        | 55,710             | 62,831       |
| July .....     | 10,884       | 10,361       | 99,842                   | 102,965      | 21,683                  | 16,971       | 121,525            | 119,936      |
| August .....   | 9,996        | 10,446       | 195,536                  | 166,894      | 25,601                  | 26,139       | 221,137            | 193,033      |
| September ...  | 7,858        | 9,927        | 219,248                  | 191,195      | 30,399                  | 32,788       | 249,647            | 223,983      |
| October .....  | 7,122        | 8,795        | 204,734                  | 174,300      | 28,673                  | 30,874       | 233,407            | 205,174      |
| November ..... | 7,188        | 8,052        | 187,561                  | 150,335      | 24,026                  | 26,847       | 211,587            | 177,182      |
| December ..... | 6,988        | 7,368        | 167,669                  | 126,175      | 19,726                  | 23,166       | 187,395            | 149,341      |

  

| Month          | Broccoli spears |              | Broccoli, chopped & cut |              | Broccoli, total |              | Brussels sprouts |              |
|----------------|-----------------|--------------|-------------------------|--------------|-----------------|--------------|------------------|--------------|
|                | 2002            | 2003         | 2002                    | 2003         | 2002            | 2003         | 2002             | 2003         |
|                | 1,000 pounds    | 1,000 pounds | 1,000 pounds            | 1,000 pounds | 1,000 pounds    | 1,000 pounds | 1,000 pounds     | 1,000 pounds |
| January .....  | 41,808          | 51,898       | 77,672                  | 67,525       | 119,480         | 119,423      | 18,078           | 18,860       |
| February ..... | 47,431          | 52,064       | 78,297                  | 72,673       | 125,728         | 124,737      | 15,144           | 17,037       |
| March .....    | 51,381          | 53,249       | 72,073                  | 77,023       | 123,454         | 130,272      | 14,429           | 14,862       |
| April .....    | 59,042          | 51,620       | 73,317                  | 80,315       | 132,359         | 131,935      | 13,241           | 13,124       |
| May .....      | 59,382          | 51,861       | 70,348                  | 83,039       | 129,730         | 134,900      | 11,369           | 11,921       |
| June .....     | 56,679          | 53,689       | 66,486                  | 81,782       | 123,165         | 135,471      | 10,645           | 11,053       |
| July .....     | 54,847          | 47,843       | 70,778                  | 85,879       | 125,625         | 133,722      | 10,460           | 10,539       |
| August .....   | 50,436          | 44,188       | 79,052                  | 80,840       | 129,488         | 125,028      | 8,131            | 10,669       |
| September ...  | 45,364          | 46,211       | 74,247                  | 68,868       | 119,611         | 115,079      | 7,485            | 7,184        |
| October .....  | 45,034          | 41,891       | 70,017                  | 58,433       | 115,051         | 100,324      | 11,879           | 8,715        |
| November ..... | 46,383          | 35,759       | 69,585                  | 58,137       | 115,968         | 93,896       | 17,935           | 14,178       |
| December ..... | 49,326          | 30,185       | 67,727                  | 47,135       | 117,053         | 77,320       | 20,220           | 18,961       |

  

| Month          | Fordhook lima beans |              | Baby lima beans |              | Mixed vegetables |              | Okra         |              |
|----------------|---------------------|--------------|-----------------|--------------|------------------|--------------|--------------|--------------|
|                | 2002                | 2003         | 2002            | 2003         | 2002             | 2003         | 2002         | 2003         |
|                | 1,000 pounds        | 1,000 pounds | 1,000 pounds    | 1,000 pounds | 1,000 pounds     | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| January .....  | 12,236              | 10,743       | 45,714          | 41,391       | 56,270           | 44,094       | 31,978       | 42,348       |
| February ..... | 10,445              | 8,888        | 42,887          | 40,034       | 55,344           | 42,935       | 33,964       | 36,922       |
| March .....    | 9,032               | 7,833        | 40,856          | 34,365       | 49,273           | 43,421       | 28,151       | 33,454       |
| April .....    | 7,964               | 6,660        | 37,769          | 28,385       | 48,809           | 43,220       | 26,756       | 28,824       |
| May .....      | 7,610               | 5,224        | 34,265          | 25,187       | 45,965           | 40,178       | 29,521       | 28,214       |
| June .....     | 7,323               | 4,646        | 30,017          | 20,570       | 45,248           | 42,360       | 35,964       | 35,847       |
| July .....     | 5,682               | 3,971        | 26,740          | 15,099       | 44,052           | 44,670       | 49,258       | 39,819       |
| August .....   | 9,921               | 8,026        | 29,417          | 27,417       | 50,415           | 45,883       | 50,548       | 49,936       |
| September ...  | 14,599              | 8,330        | 45,372          | 45,470       | 47,766           | 46,132       | 56,797       | 55,776       |
| October .....  | 15,064              | 8,787        | 52,905          | 59,179       | 46,276           | 50,755       | 54,395       | 48,000       |
| November ..... | 14,681              | 7,214        | 48,481          | 54,778       | 40,489           | 49,045       | 51,187       | 42,508       |
| December ..... | 13,068              | 5,984        | 45,544          | 46,383       | 41,396           | 43,537       | 46,616       | 37,596       |

  

| Month          | Carrots, diced |              | Carrots, other |              | Carrots, total |              | Cauliflower  |              |
|----------------|----------------|--------------|----------------|--------------|----------------|--------------|--------------|--------------|
|                | 2002           | 2003         | 2002           | 2003         | 2002           | 2003         | 2002         | 2003         |
|                | 1,000 pounds   | 1,000 pounds | 1,000 pounds   | 1,000 pounds | 1,000 pounds   | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| January .....  | 81,072         | 83,470       | 158,778        | 128,444      | 239,850        | 211,914      | 35,155       | 34,228       |
| February ..... | 74,028         | 70,047       | 139,790        | 118,043      | 213,818        | 188,090      | 33,288       | 30,923       |
| March .....    | 71,754         | 57,688       | 124,741        | 106,231      | 196,495        | 163,919      | 33,253       | 27,701       |
| April .....    | 66,031         | 49,291       | 114,756        | 97,543       | 180,787        | 146,834      | 31,505       | 23,865       |
| May .....      | 57,583         | 44,468       | 99,168         | 98,044       | 156,751        | 142,512      | 29,011       | 19,717       |
| June .....     | 47,110         | 36,340       | 91,705         | 90,741       | 138,815        | 127,081      | 25,589       | 16,083       |
| July .....     | 42,529         | 30,779       | 85,488         | 82,437       | 128,017        | 113,216      | 24,074       | 13,843       |
| August .....   | 38,824         | 27,984       | 85,169         | 86,828       | 123,993        | 114,812      | 25,186       | 14,937       |
| September ...  | 44,179         | 33,898       | 95,017         | 103,991      | 139,196        | 137,889      | 26,801       | 15,239       |
| October .....  | 71,081         | 72,728       | 132,087        | 172,167      | 203,168        | 244,895      | 33,600       | 26,741       |
| November ..... | 99,574         | 94,684       | 144,808        | 178,395      | 244,382        | 273,079      | 38,733       | 28,531       |
| December ..... | 99,188         | 98,398       | 143,368        | 154,404      | 242,556        | 252,802      | 35,635       | 28,146       |

See end of table.

**Table 4-70.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 2002 and 2003—Continued**

| Month           | Corn, cut           |                     | Corn, cob           |                     | Corn, total         |                     | Onion rings         |                     |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                 | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                 | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....   | 327,775             | 368,745             | 235,144             | 251,733             | 562,919             | 620,478             | 7,348               | 9,088               |
| February .....  | 290,103             | 337,210             | 187,863             | 224,601             | 477,966             | 561,811             | 7,138               | 6,702               |
| March .....     | 255,128             | 287,353             | 173,544             | 197,352             | 428,672             | 484,705             | 6,803               | 6,581               |
| April .....     | 209,752             | 238,324             | 144,328             | 159,158             | 354,080             | 397,482             | 7,189               | 5,718               |
| May .....       | 170,241             | 200,318             | 113,482             | 139,434             | 283,723             | 339,752             | 7,331               | 5,896               |
| June .....      | 137,242             | 176,505             | 85,566              | 108,477             | 222,808             | 284,982             | 8,619               | 7,772               |
| July .....      | 141,636             | 179,163             | 89,916              | 117,079             | 231,552             | 296,242             | 6,990               | 7,573               |
| August .....    | 289,980             | 352,622             | 169,375             | 234,147             | 459,355             | 586,769             | 7,270               | 7,380               |
| September ..... | 451,612             | 566,148             | 278,782             | 388,698             | 730,394             | 954,846             | 7,914               | 7,268               |
| October .....   | 462,317             | 618,896             | 301,921             | 393,673             | 764,238             | 1,012,569           | 9,420               | 7,007               |
| November .....  | 425,682             | 545,509             | 288,565             | 359,830             | 714,247             | 905,339             | 9,241               | 7,395               |
| December .....  | 402,164             | 494,490             | 262,338             | 288,957             | 664,502             | 783,447             | 9,636               | 6,915               |

  

| Month           | Onions, other       |                     | Blackeye peas       |                     | Green peas          |                     | Peas & carrots mixed |                     |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
|                 | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                | 2002                 | 2003                |
|                 | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>  | <i>1,000 pounds</i> |
| January .....   | 26,298              | 30,676              | 5,161               | 5,252               | 195,178             | 148,112             | 10,619               | 7,285               |
| February .....  | 27,713              | 31,424              | 5,891               | 5,278               | 174,097             | 118,571             | 10,746               | 7,096               |
| March .....     | 28,674              | 30,988              | 6,332               | 4,599               | 149,678             | 90,693              | 7,581                | 6,730               |
| April .....     | 33,600              | 29,907              | 4,980               | 4,163               | 133,409             | 64,059              | 6,848                | 6,380               |
| May .....       | 33,735              | 29,721              | 5,708               | 5,492               | 111,980             | 49,109              | 6,893                | 6,536               |
| June .....      | 32,143              | 28,157              | 5,896               | 5,340               | 198,452             | 162,836             | 6,746                | 7,897               |
| July .....      | 26,380              | 28,017              | 4,519               | 4,470               | 320,162             | 303,006             | 6,799                | 7,362               |
| August .....    | 29,625              | 28,527              | 5,128               | 3,643               | 305,107             | 293,825             | 7,332                | 8,710               |
| September ..... | 28,206              | 26,576              | 4,611               | 3,388               | 282,648             | 277,123             | 7,935                | 9,982               |
| October .....   | 30,376              | 31,686              | 7,663               | 3,570               | 253,753             | 240,162             | 8,762                | 9,459               |
| November .....  | 30,069              | 32,072              | 8,208               | 3,370               | 206,345             | 211,598             | 8,365                | 8,975               |
| December .....  | 29,844              | 31,717              | 6,323               | 3,292               | 171,161             | 180,850             | 6,597                | 6,581               |

  

| Month           | Spinach             |                     | Squash              |                     | Southern greens     |                     | Other vegetables    |                     |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                 | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                 | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....   | 66,170              | 59,784              | 42,175              | 39,578              | 31,158              | 24,893              | 316,085             | 296,308             |
| February .....  | 66,518              | 57,666              | 40,114              | 37,171              | 30,252              | 23,951              | 301,858             | 289,276             |
| March .....     | 80,447              | 77,594              | 34,785              | 33,663              | 27,421              | 25,347              | 277,155             | 283,431             |
| April .....     | 103,363             | 100,925             | 30,002              | 29,071              | 25,500              | 23,879              | 258,207             | 257,071             |
| May .....       | 108,686             | 111,200             | 31,332              | 28,786              | 25,145              | 22,131              | 246,237             | 254,174             |
| June .....      | 106,198             | 104,522             | 36,878              | 33,549              | 26,478              | 20,243              | 241,875             | 265,556             |
| July .....      | 98,343              | 93,370              | 43,371              | 39,901              | 23,477              | 19,469              | 263,996             | 271,965             |
| August .....    | 91,412              | 83,766              | 49,233              | 47,088              | 21,563              | 17,185              | 289,438             | 316,359             |
| September ..... | 79,605              | 70,124              | 49,029              | 47,316              | 19,268              | 13,735              | 318,368             | 358,097             |
| October .....   | 70,050              | 61,886              | 50,243              | 48,891              | 21,187              | 12,937              | 341,089             | 367,832             |
| November .....  | 63,057              | 54,928              | 46,891              | 47,649              | 26,275              | 15,741              | 331,863             | 359,474             |
| December .....  | 56,193              | 46,492              | 44,617              | 43,614              | 22,986              | 18,749              | 313,421             | 329,499             |

  

| Month           | Total vegetables    |                     | French fries        |                     | Other frozen potatoes |                     | Total frozen potatoes |                     |
|-----------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|
|                 | 2002                | 2003                | 2002                | 2003                | 2002                  | 2003                | 2002                  | 2003                |
|                 | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>   | <i>1,000 pounds</i> | <i>1,000 pounds</i>   | <i>1,000 pounds</i> |
| January .....   | 1,966,651           | 1,932,701           | 1,047,759           | 917,160             | 226,392               | 255,893             | 1,274,151             | 1,173,053           |
| February .....  | 1,798,842           | 1,783,448           | 1,031,776           | 950,492             | 239,726               | 260,483             | 1,271,502             | 1,210,975           |
| March .....     | 1,652,828           | 1,630,989           | 1,005,122           | 950,228             | 266,267               | 267,136             | 1,271,389             | 1,217,364           |
| April .....     | 1,519,623           | 1,452,272           | 964,478             | 899,079             | 258,182               | 251,444             | 1,222,660             | 1,150,523           |
| May .....       | 1,376,927           | 1,355,133           | 912,498             | 866,543             | 269,837               | 240,083             | 1,182,335             | 1,106,626           |
| June .....      | 1,369,523           | 1,388,373           | 937,933             | 900,194             | 285,605               | 281,594             | 1,223,538             | 1,181,788           |
| July .....      | 1,571,906           | 1,576,551           | 848,204             | 859,504             | 258,381               | 270,935             | 1,106,585             | 1,130,439           |
| August .....    | 1,923,695           | 1,993,439           | 797,929             | 821,342             | 242,662               | 249,079             | 1,040,591             | 1,070,421           |
| September ..... | 2,243,110           | 2,433,463           | 888,831             | 893,934             | 252,551               | 257,764             | 1,141,382             | 1,151,698           |
| October .....   | 2,329,648           | 2,557,364           | 994,421             | 968,590             | 257,736               | 279,392             | 1,252,157             | 1,247,982           |
| November .....  | 2,235,192           | 2,395,004           | 957,161             | 968,108             | 257,214               | 264,709             | 1,214,375             | 1,232,817           |
| December .....  | 2,081,751           | 2,118,594           | 877,292             | 869,521             | 253,920               | 250,897             | 1,131,212             | 1,120,418           |

NASS, Livestock Branch, (202) 720-8784.

## CHAPTER V

# STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

For most fruits, production is estimated at two levels—total and utilized. Total production is the quantity of fruit harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested or utilized because of economic and other reasons. Utilized production is the amount sold plus the quantities used on farms where grown and quantities held in storage. The difference between total and utilized production is the quantity of marketable fruit not harvested and fruit harvested but not sold or utilized because of economic and other reasons. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to commercial production. The estimates for strawberries cover production on area grown primarily for sale. Statistics on utilization of fruit by commercial processors refer to first utilization, not necessarily final utilization. For example, frozen fruit includes fruit which may later be used for preserves.

The price shown for each crop is a marketing year average price for all methods of sales. Prices for most fresh fruit are the average prices producers received at the point of first sale, commonly referred to as the "average price as sold." Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit crop is sold f.o.b. packed by growers, part sold as bulk fruit at the packinghouse door, and some sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of sale.

The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations. The estimates are reviewed (and revised if necessary) at 5-year intervals, when the Census of Agriculture data become available. The Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

**Table 5-1.—Fruits and planted nuts: Bearing area, United States, 1994–2003**

| Year       | Citrus fruits <sup>1</sup> | Major deciduous fruits <sup>2</sup> | Miscellaneous fruits <sup>3</sup> | Planted nuts <sup>4</sup> | Fruits and planted nuts |
|------------|----------------------------|-------------------------------------|-----------------------------------|---------------------------|-------------------------|
|            | <i>1,000 acres</i>         | <i>1,000 acres</i>                  | <i>1,000 acres</i>                | <i>1,000 acres</i>        | <i>1,000 acres</i>      |
| 1994 ..... | 977.8                      | 1,756.6                             | 288.1                             | 725.6                     | 3,748.4                 |
| 1995 ..... | 1,054.0                    | 1,762.8                             | 289.1                             | 718.6                     | 3,825.6                 |
| 1996 ..... | 1,104.5                    | 1,796.1                             | 287.8                             | 732.1                     | 3,919.2                 |
| 1997 ..... | 1,152.5                    | 1,810.9                             | 292.2                             | 748.6                     | 4,004.2                 |
| 1998 ..... | 1,125.3                    | 1,834.3                             | 295.6                             | 769.7                     | 4,024.9                 |
| 1999 ..... | 1,111.6                    | 1,870.0                             | 296.9                             | 790.1                     | 4,068.7                 |
| 2000 ..... | 1,089.9                    | 1,882.9                             | 299.3                             | 814.0                     | 4,086.0                 |
| 2001 ..... | 1,082.0                    | 1,854.7                             | 292.3                             | 844.9                     | 4,073.8                 |
| 2002 ..... | 1,050.7                    | 1,848.5                             | 297.0                             | 860.8                     | 4,057.0                 |
| 2003 ..... | 1,035.2                    | 1,841.6                             | 229.5                             | 870.8                     | 3,977.1                 |

<sup>1</sup>Oranges, tangerines, Temples, grapefruit, lemons, limes, tangelos, and K-Early Citrus. Area is for the year of harvest. <sup>2</sup>Commercial apples, apricots, cherries, grapes, nectarines, peaches, pears, plums, and prunes. <sup>3</sup>Avocados, bananas, berries, cranberries, dates, figs, guavas, kiwifruit, olives, papayas, pineapples, and strawberries. <sup>4</sup>Almonds, hazelnuts, macadamia nuts, pistachios, and walnuts.

NASS, Crops Branch, (202) 720-2127.



**Table 5-2.—Fruits: Total production in tons, United States, 1994–2003<sup>1</sup>**

| Year                    | Apples, commercial crop <sup>2</sup> | Peaches    | Pears      | Grapes (fresh basis) | Sweet cherries | Tart cherries | Apricots   | Figs (fresh basis) |
|-------------------------|--------------------------------------|------------|------------|----------------------|----------------|---------------|------------|--------------------|
|                         | 1,000 tons                           | 1,000 tons | 1,000 tons | 1,000 tons           | 1,000 tons     | 1,000 tons    | 1,000 tons | 1,000 tons         |
| 1994 .....              | 5,750                                | 1,255      | 1,046      | 5,873                | 207            | 152           | 153        | 57                 |
| 1995 .....              | 5,293                                | 1,145      | 948        | 5,922                | 166            | 198           | 61         | 52                 |
| 1996 .....              | 5,191                                | 1,052      | 821        | 5,554                | 154            | 136           | 79         | 46                 |
| 1997 .....              | 5,162                                | 1,312      | 1,043      | 7,291                | 226            | 147           | 139        | 58                 |
| 1998 .....              | 5,823                                | 1,200      | 970        | 5,820                | 211            | 174           | 119        | 51                 |
| 1999 .....              | 5,315                                | 1,263      | 1,015      | 6,236                | 216            | 128           | 91         | 47                 |
| 2000 .....              | 5,292                                | 1,290      | 967        | 7,688                | 207            | 144           | 97         | 56                 |
| 2001 .....              | 4,714                                | 1,217      | 1,002      | 6,570                | 230            | 185           | 83         | 41                 |
| 2002 .....              | 4,263                                | 1,288      | 868        | 7,339                | 181            | 31            | 90         | 53                 |
| 2003 <sup>3</sup> ..... | 4,507                                | 1,262      | 923        | 6,478                | 237            | 113           | 98         | 47                 |

| Year                    | Plums (CA) | Prunes (CA) | Prunes & Plums (ID,MI,OR,WA) | Olives     | Strawberries <sup>4</sup> | Pine-apples <sup>4</sup> | Avocados <sup>5</sup> | Nectarines |
|-------------------------|------------|-------------|------------------------------|------------|---------------------------|--------------------------|-----------------------|------------|
|                         | 1,000 tons | 1,000 tons  | 1,000 tons                   | 1,000 tons | 1,000 tons                | 1,000 tons               | 1,000 tons            | 1,000 tons |
| 1994 .....              | 247        | 594         | 38                           | 84         | 824                       | 365                      | 175                   | 242        |
| 1995 .....              | 124        | 597         | 23                           | 78         | 801                       | 345                      | 190                   | 176        |
| 1996 .....              | 228        | 704         | 20                           | 166        | 813                       | 347                      | 191                   | 247        |
| 1997 .....              | 246        | 627         | 26                           | 104        | 814                       | 324                      | 178                   | 264        |
| 1998 .....              | 188        | 346         | 26                           | 90         | 820                       | 332                      | 159                   | 224        |
| 1999 .....              | 196        | 516         | 23                           | 142        | 916                       | 352                      | 183                   | 274        |
| 2000 .....              | 197        | 681         | 24                           | 53         | 951                       | 354                      | 239                   | 267        |
| 2001 .....              | 210        | 420         | 21                           | 134        | 826                       | 323                      | 223                   | 275        |
| 2002 .....              | 201        | 519         | 16                           | 103        | 943                       | 320                      | 203                   | 300        |
| 2003 <sup>3</sup> ..... | 212        | 571         | 17                           | 118        | 1,041                     | 315                      | NA                    | 278        |

| Year                    | Oranges <sup>6</sup> | Tangerines <sup>6</sup> | Grapefruit <sup>6,7</sup> | Lemons <sup>6</sup> | K-Early Citrus <sup>6</sup> | Limes <sup>6</sup> | Tangelos <sup>6</sup> | Temple <sup>6</sup> |
|-------------------------|----------------------|-------------------------|---------------------------|---------------------|-----------------------------|--------------------|-----------------------|---------------------|
|                         | 1,000 tons           | 1,000 tons              | 1,000 tons                | 1,000 tons          | 1,000 tons                  | 1,000 tons         | 1,000 tons            | 1,000 tons          |
| 1994 .....              | 10,329               | 318                     | 2,661                     | 984                 | 9                           | 9                  | 150                   | 101                 |
| 1995 .....              | 11,432               | 287                     | 2,912                     | 897                 | 5                           | 10                 | 142                   | 114                 |
| 1996 .....              | 11,426               | 349                     | 2,718                     | 992                 | 7                           | 14                 | 110                   | 97                  |
| 1997 .....              | 12,692               | 425                     | 2,885                     | 962                 | 7                           | 14                 | 178                   | 108                 |
| 1998 .....              | 13,670               | 360                     | 2,593                     | 897                 | 2                           | 19                 | 128                   | 101                 |
| 1999 .....              | 9,824                | 327                     | 2,513                     | 747                 | 4                           | 22                 | 115                   | 81                  |
| 2000 .....              | 12,997               | 458                     | 2,763                     | 840                 | 5                           | 26                 | 99                    | 88                  |
| 2001 .....              | 12,221               | 373                     | 2,462                     | 996                 | 2                           | 11                 | 95                    | 56                  |
| 2002 .....              | 12,374               | 420                     | 2,424                     | 801                 | 1                           | 7                  | 97                    | 70                  |
| 2003 <sup>3</sup> ..... | 11,545               | 371                     | 2,063                     | 1,026               | NA                          | NA                 | 106                   | 59                  |

| Year                    | Cranberries | Bananas <sup>4</sup> | Kiwifruit  | Dates      | Papayas <sup>4</sup> | Berries <sup>8</sup> | Guavas     | Total      |
|-------------------------|-------------|----------------------|------------|------------|----------------------|----------------------|------------|------------|
|                         | 1,000 tons  | 1,000 tons           | 1,000 tons | 1,000 tons | 1,000 tons           | 1,000 tons           | 1,000 tons | 1,000 tons |
| 1994 .....              | 234         | 7                    | 39         | 23         | 31                   | 140                  | 9          | 32,099     |
| 1995 .....              | 210         | 7                    | 38         | 23         | 25                   | 148                  | 8          | 32,375     |
| 1996 .....              | 234         | 7                    | 32         | 23         | 21                   | 119                  | 8          | 31,906     |
| 1997 .....              | 275         | 7                    | 35         | 21         | 19                   | 162                  | 8          | 35,785     |
| 1998 .....              | 272         | 11                   | 37         | 25         | 20                   | 180                  | 7          | 34,875     |
| 1999 .....              | 317         | 12                   | 27         | 22         | 21                   | 201                  | 5          | 31,152     |
| 2000 .....              | 286         | 15                   | 34         | 17         | 27                   | 232                  | 8          | 36,398     |
| 2001 .....              | 267         | 14                   | 26         | 20         | 28                   | 220                  | 8          | 33,225     |
| 2002 .....              | 284         | 10                   | 26         | 24         | 23                   | 214                  | 5          | 33,456     |
| 2003 <sup>3</sup> ..... | 306         | 11                   | 24         | 19         | 22                   | 216                  | NA         | 31,945     |

<sup>1</sup>For some crops in certain years, production includes some quantities unharvested for economic reasons or excess cullage fruit. <sup>2</sup>Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees. <sup>3</sup>Preliminary. <sup>4</sup>Utilized production only. <sup>5</sup>Year of bloom. <sup>6</sup>Year harvest was complete. <sup>7</sup>Excludes economic abandonment in 1996 of 127,500 tons; in 1997 of 255,000 tons; and in 1998 of 255,000 tons. <sup>8</sup>Wild Blueberries added in 1998. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 5-3.—Apples, commercial crop: <sup>1</sup> Production and season average price per pound, by States, 2001–2003**

| State    | Total production      |                       |                       | Utilized production   |                       |                       | Price <sup>3</sup> for crop of— |                |                   |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|----------------|-------------------|
|          | 2001                  | 2002                  | 2003 <sup>2</sup>     | 2001                  | 2002                  | 2003 <sup>2</sup>     | 2001                            | 2002           | 2003 <sup>2</sup> |
|          | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Dollars</i>                  | <i>Dollars</i> | <i>Dollars</i>    |
| AZ ..... | 5.4                   | 26.2                  | 5.1                   | 5.3                   | 26.0                  | 5.1                   | 0.066                           | 0.173          | 0.085             |
| AR ..... | 5.5                   | 4.5                   | 3.1                   | 4.3                   | 3.4                   | 3.0                   | 0.250                           | 0.278          | 0.241             |
| CA ..... | 520.0                 | 470.0                 | 460.0                 | 490.0                 | 460.0                 | 460.0                 | 0.157                           | 0.204          | 0.169             |
| CO ..... | 23.0                  | 21.0                  | 22.0                  | 23.0                  | 20.0                  | 21.0                  | 0.208                           | 0.184          | 0.217             |
| CT ..... | 20.5                  | 12.0                  | 19.0                  | 20.0                  | 11.5                  | 18.0                  | 0.322                           | 0.412          | 0.385             |
| GA ..... | 9.0                   | 10.0                  | 13.0                  | 8.9                   | 9.9                   | 12.9                  | 0.230                           | 0.180          | 0.106             |
| ID ..... | 80.0                  | 80.0                  | 90.0                  | 79.0                  | 79.0                  | 90.0                  | 0.141                           | 0.194          | 0.203             |
| IL ..... | 43.6                  | 43.0                  | 52.5                  | 40.6                  | 35.3                  | 45.9                  | 0.237                           | 0.359          | 0.275             |
| IN ..... | 53.0                  | 40.0                  | 51.0                  | 46.0                  | 36.0                  | 46.0                  | 0.185                           | 0.265          | 0.201             |
| IA ..... | 8.8                   | 8.5                   | 6.0                   | 7.7                   | 5.2                   | 4.7                   | 0.333                           | 0.343          | 0.424             |
| KS ..... | 4.0                   | 3.5                   | 3.4                   | 3.0                   | 2.8                   | 2.6                   | 0.283                           | 0.315          | 0.305             |
| KY ..... | 8.3                   | 5.6                   | 6.0                   | 7.0                   | 4.0                   | 5.7                   | 0.290                           | 0.318          | 0.326             |
| ME ..... | 47.0                  | 48.5                  | 47.0                  | 40.0                  | 44.0                  | 43.0                  | 0.290                           | 0.361          | 0.359             |
| MD ..... | 40.8                  | 32.0                  | 40.0                  | 40.7                  | 31.9                  | 38.4                  | 0.155                           | 0.143          | 0.157             |
| MA ..... | 39.0                  | 33.0                  | 43.0                  | 34.0                  | 28.0                  | 39.0                  | 0.324                           | 0.386          | 0.356             |
| MI ..... | 930.0                 | 520.0                 | 960.0                 | 900.0                 | 515.0                 | 960.0                 | 0.094                           | 0.124          | 0.100             |
| MN ..... | 24.0                  | 25.0                  | 27.0                  | 15.5                  | 17.7                  | 19.8                  | 0.475                           | 0.509          | 0.436             |
| MO ..... | 41.0                  | 38.0                  | 40.0                  | 41.0                  | 36.0                  | 40.0                  | 0.171                           | 0.178          | 0.208             |
| NH ..... | 30.0                  | 26.5                  | 25.5                  | 28.5                  | 24.5                  | 24.5                  | 0.250                           | 0.285          | 0.283             |
| NJ ..... | 55.0                  | 35.0                  | 45.0                  | 50.0                  | 32.0                  | 45.0                  | 0.162                           | 0.176          | 0.133             |
| NM ..... | 6.0                   | 2.0                   | 2.0                   | 6.0                   | 1.8                   | 1.8                   | 0.318                           | 0.326          | 0.307             |
| NY ..... | 1,000.0               | 680.0                 | 1,200.0               | 940.0                 | 630.0                 | 1,160.0               | 0.119                           | 0.162          | 0.192             |
| NC ..... | 112.0                 | 160.0                 | 152.0                 | 107.0                 | 155.0                 | 140.0                 | 0.149                           | 0.143          | 0.130             |
| OH ..... | 86.0                  | 70.0                  | 95.0                  | 84.0                  | 70.0                  | 93.0                  | 0.236                           | 0.268          | 0.273             |
| OR ..... | 142.0                 | 202.0                 | 125.0                 | 141.0                 | 187.0                 | 125.0                 | 0.121                           | 0.152          | 0.146             |
| PA ..... | 480.0                 | 370.0                 | 440.0                 | 480.0                 | 369.0                 | 440.0                 | 0.096                           | 0.101          | 0.092             |
| RI ..... | 1.8                   | 2.6                   | 2.5                   | 1.4                   | 2.1                   | 2.1                   | 0.383                           | 0.404          | 0.396             |
| SC ..... | 6.0                   | 9.0                   | 6.0                   | 2.0                   | 7.0                   | 4.5                   | 0.187                           | 0.132          | 0.225             |
| TN ..... | 9.0                   | 6.5                   | 11.0                  | 6.5                   | 5.4                   | 10.5                  | 0.235                           | 0.260          | 0.249             |
| UT ..... | 30.0                  | 7.0                   | 24.0                  | 24.0                  | 6.5                   | 22.0                  | 0.172                           | 0.213          | 0.230             |
| VT ..... | 41.0                  | 31.0                  | 40.5                  | 38.0                  | 28.0                  | 38.0                  | 0.241                           | 0.337          | 0.289             |
| VA ..... | 310.0                 | 250.0                 | 300.0                 | 306.0                 | 247.0                 | 288.0                 | 0.106                           | 0.104          | 0.126             |
| WA ..... | 5,050.0               | 5,100.0               | 4,500.0               | 5,050.0               | 5,100.0               | 4,500.0               | 0.178                           | 0.201          | 0.227             |
| WV ..... | 105.0                 | 95.0                  | 90.0                  | 95.0                  | 92.0                  | 90.0                  | 0.085                           | 0.085          | 0.090             |
| WI ..... | 62.0                  | 58.0                  | 68.0                  | 49.0                  | 52.0                  | 58.0                  | 0.293                           | 0.349          | 0.334             |
| US ..... | 9,428.7               | 8,525.4               | 9,014.6               | 9,214.4               | 8,375.0               | 8,897.5               | 0.158                           | 0.188          | 0.194             |

<sup>1</sup>In orchards of 100 or more bearing-age trees. <sup>2</sup>Preliminary. <sup>3</sup>Fresh fruit prices are equivalent packinghouse-door returns for CA, NY, and WA; prices at point of first sale for other States. Processing prices are equivalent at processing plant door.

NASS, Crops Branch, (202) 720-2127.

**Table 5-4.—Apples: Production and value, United States, 1994–2003**

| Year                    | Apples, commercial crop <sup>1</sup> |                       |   |                      |
|-------------------------|--------------------------------------|-----------------------|---|----------------------|
|                         | Total production                     | Utilized production   | Marketing year average price <sup>2</sup> | Value                |
|                         | <i>Million pounds</i>                | <i>Million pounds</i> | <i>Cents per pound</i>                    | <i>1,000 dollars</i> |
| 1994 .....              | 11,500.9                             | 11,332.8              | 12.9                                      | 1,467,282            |
| 1995 .....              | 10,578.4                             | 10,383.9              | 17.0                                      | 1,767,001            |
| 1996 .....              | 10,381.9                             | 10,330.0              | 15.9                                      | 1,641,462            |
| 1997 .....              | 10,323.8                             | 10,254.3              | 15.4                                      | 1,575,403            |
| 1998 .....              | 11,646.4                             | 10,762.5              | 12.2                                      | 1,316,172            |
| 1999 .....              | 10,630.7                             | 10,446.5              | 15.0                                      | 1,563,582            |
| 2000 .....              | 10,583.7                             | 10,322.2              | 12.8                                      | 1,320,781            |
| 2001 .....              | 9,428.7                              | 9,214.4               | 15.8                                      | 1,453,073            |
| 2002 .....              | 8,525.4                              | 8,375.0               | 18.8                                      | 1,572,202            |
| 2003 <sup>3</sup> ..... | 9,014.6                              | 8,897.5               | 19.4                                      | 1,729,949            |

<sup>1</sup>In orchards of 100 or more bearing-age trees. <sup>2</sup>Fresh fruit prices are equivalent packinghouse-door returns for CA, NY, and WA; prices at point of first sale for other States. Processing prices are equivalent at processing plant door. <sup>3</sup>Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-5.—Apples, fresh (dessert and cooking): Production in specified countries, 2001/2002–2003/2004<sup>1</sup>**

| Continent and country                  | 2001/2002                | 2002/2003                | 2003/2004                |
|--|--------------------------|--------------------------|--------------------------|
|  | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| <b>North America:</b>                  |                          |                          |                          |
| Canada .....                           | 466.6                    | 402.4                    | 440.0                    |
| United States .....                    | 4,209.2                  | 3,819.5                  | 4,136.9                  |
| Mexico .....                           | 442.7                    | 479.6                    | 490.0                    |
| <b>Total .....</b>                     | <b>5,118.5</b>           | <b>4,701.5</b>           | <b>5,066.9</b>           |
| <b>South America:</b>                  |                          |                          |                          |
| Argentina <sup>2</sup> .....           | 900.0                    | 1,000.0                  | 900.0                    |
| Chile <sup>2</sup> .....               | 1,010.0                  | 1,090.0                  | NA                       |
| <b>Total .....</b>                     | <b>1,910.0</b>           | <b>2,090.0</b>           | <b>NA</b>                |
| <b>European Union:</b>                 |                          |                          |                          |
| Belgium and Luxembourg .....           | 343.6                    | 360.0                    | 280.0                    |
| France .....                           | 1,957.8                  | 2,060.0                  | 2,080.0                  |
| Germany .....                          | 1,522.4                  | 1,562.8                  | 1,407.0                  |
| Greece .....                           | 260.0                    | 235.0                    | 193.0                    |
| Italy .....                            | 2,220.0                  | 2,210.0                  | 1,989.0                  |
| Netherlands .....                      | 500.0                    | 370.0                    | 385.0                    |
| Spain .....                            | 962.0                    | 682.5                    | 818.4                    |
| Sweden .....                           | 63.1                     | 54.0                     | 50.0                     |
| United Kingdom .....                   | 169.1                    | 111.4                    | 110.4                    |
| <b>Total EC .....</b>                  | <b>7,998.0</b>           | <b>7,645.7</b>           | <b>7,312.8</b>           |
| <b>Other Europe:</b>                   |                          |                          |                          |
| Hungary .....                          | 605.0                    | 540.0                    | 480.0                    |
| Poland .....                           | 2,710.0                  | 2,178.0                  | 2,250.0                  |
| Russia .....                           | 1,227.6                  | 1,722.5                  | 1,395.0                  |
| Turkey .....                           | 2,450.0                  | 2,200.0                  | 2,500.0                  |
| <b>Total .....</b>                     | <b>6,992.6</b>           | <b>6,640.5</b>           | <b>6,625.0</b>           |
| <b>Total Europe .....</b>              | <b>14,990.6</b>          | <b>14,286.2</b>          | <b>13,937.8</b>          |
| <b>Africa:</b>                         |                          |                          |                          |
| South Africa, Rep <sup>2</sup> .....   | 584.3                    | 600.0                    | 620.0                    |
| <b>Total .....</b>                     | <b>584.3</b>             | <b>600.0</b>             | <b>620.0</b>             |
| <b>Asia:</b>                           |                          |                          |                          |
| China .....                            | 20,015.0                 | 19,241.0                 | 18,500.0                 |
| Japan .....                            | 930.7                    | 925.8                    | 891.7                    |
| Taiwan .....                           | 8.2                      | 9.7                      | 9.1                      |
| <b>Total .....</b>                     | <b>20,953.9</b>          | <b>20,176.5</b>          | <b>19,400.8</b>          |
| <b>Oceania:</b>                        |                          |                          |                          |
| Australia <sup>2</sup> .....           | 320.0                    | 305.0                    | NA                       |
| New Zealand <sup>2</sup> .....         | 480.0                    | 495.0                    | NA                       |
| <b>Total .....</b>                     | <b>800.0</b>             | <b>800.0</b>             | <b>NA</b>                |
| <b>Total specified countries .....</b> | <b>44,357.4</b>          | <b>42,654.2</b>          | <b>NA</b>                |

<sup>1</sup> May include some cider varieties in countries not reporting separately. <sup>2</sup> It is too early to make reliable forecast for the Southern Hemisphere countries for the 2002/03 season. NA - not available.

FAS, Horticultural and Tropical Products Division, (202) 720-3423. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 5-6.—Apples, commercial crop: Production and utilization, United States, 1994–2003**

| Crop of—                | Total production      | Utilized production   | Utilization of quantities sold |                         |                       |                       |                       |
|-------------------------|-----------------------|-----------------------|--------------------------------|-------------------------|-----------------------|-----------------------|-----------------------|
|                         |                       |                       | Fresh <sup>1</sup>             | Processed (fresh basis) |                       |                       |                       |
|                         |                       |                       |                                | Canned                  | Dried                 | Frozen                | Other <sup>2,3</sup>  |
|                         | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i>          | <i>Million pounds</i>   | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> |
| 1994 .....              | 11,500.9              | 11,332.8              | 6,368.8                        | 1,405.7                 | 414.6                 | 304.4                 | 2,839.3               |
| 1995 .....              | 10,578.4              | 10,383.9              | 5,840.2                        | 1,291.0                 | 333.7                 | 304.9                 | 2,614.1               |
| 1996 .....              | 10,381.9              | 10,330.0              | 6,206.9                        | 1,294.2                 | 316.6                 | 267.8                 | 2,244.5               |
| 1997 .....              | 10,323.8              | 10,254.3              | 5,814.5                        | 1,498.8                 | 267.0                 | 349.0                 | 2,325.0               |
| 1998 .....              | 11,646.4              | 10,762.5              | 6,412.5                        | 1,173.8                 | 329.9                 | 266.0                 | 2,580.3               |
| 1999 .....              | 10,630.7              | 10,446.5              | 5,994.8                        | 1,318.6                 | 263.2                 | 271.3                 | 2,598.6               |
| 2000 .....              | 10,583.7              | 10,322.2              | 6,266.8                        | 1,183.7                 | 248.2                 | 195.9                 | 2,427.6               |
| 2001 .....              | 9,428.7               | 9,214.4               | 5,469.8                        | 1,258.4                 | 221.0                 | 248.5                 | 2,016.7               |
| 2002 .....              | 8,525.4               | 8,375.0               | 5,366.2                        | 1,078.9                 | 207.9                 | 191.7                 | 1,530.3               |
| 2003 <sup>4</sup> ..... | 9,014.6               | 8,897.5               | NA                             | NA                      | NA                    | NA                    | NA                    |

<sup>1</sup> Includes "Home use." <sup>2</sup> Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included. <sup>3</sup> Includes the following quantities of juice and cider (million pounds): 1993—2,382.3; 1994—2,707.2; 1995—2,538.2. <sup>4</sup> Preliminary. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 5-7.—Apples, commercial crop: Production and utilization, by States, crop of 2002**

| State                           | Total production      | Utilized production   | Utilization           |                         |                       |                       |                       |                    |
|---------------------------------|-----------------------|-----------------------|-----------------------|-------------------------|-----------------------|-----------------------|-----------------------|--------------------|
|                                 |                       |                       | Fresh <sup>1</sup>    | Processed (fresh basis) |                       |                       |                       |                    |
|                                 |                       |                       |                       | Canned                  | Dried                 | Frozen                | Juice and cider       | Other <sup>2</sup> |
|                                 | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i>   | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> |                    |
| CA .....                        | 470.0                 | 460.0                 | 230.0                 | 22.0                    | .....                 | 198.0                 | .....                 |                    |
| MI .....                        | 520.0                 | 515.0                 | 150.0                 | 135.0                   | .....                 | 135.0                 | 5.0                   |                    |
| NY .....                        | 680.0                 | 630.0                 | 310.0                 | 228.0                   | .....                 | 20.0                  | 65.0                  |                    |
| OR .....                        | 202.0                 | 187.0                 | 115.0                 | .....                   | .....                 | .....                 | 28.0                  |                    |
| PA .....                        | 370.0                 | 369.0                 | 74.0                  | 201.0                   | .....                 | .....                 | 86.0                  |                    |
| VA .....                        | 250.0                 | 247.0                 | 70.0                  | 142.0                   | .....                 | .....                 | 33.0                  |                    |
| WA .....                        | 5,100.0               | 5,100.0               | 3,900.0               | 190.0                   | .....                 | .....                 | 760.0                 |                    |
| WV .....                        | 95.0                  | 92.0                  | 15.0                  | 60.0                    | .....                 | .....                 | 15.0                  |                    |
| Other States <sup>3</sup> ..... | 838.4                 | 775.0                 | 502.2                 | 100.9                   | .....                 | 81.7                  | 159.4                 |                    |
| US .....                        | 8,525.4               | 8,375.0               | 5,366.2               | 1,078.9                 | 207.9                 | 191.7                 | 1,479.4               | 50.9               |

<sup>1</sup> Includes "Home use." <sup>2</sup> Mostly vinegar, wine, and fresh slices for pie making. <sup>3</sup> AZ, AR, CO, CT, GA, ID, IL, IN, IA, KS, KY, ME, MD, MA, MN, MO, NH, NJ, NM, NC, OH, RI, SC, TN, UT, VT, and WI.

NASS, Crops Branch, (202) 720-2127.

**Table 5-8.—Apples: <sup>1</sup> Foreign trade, United States, 1993–2002**

| Year beginning<br>October | Imports, fresh and dried, in terms<br>of fresh | Domestic exports   |                                       |
|---------------------------|--|--------------------|---------------------------------------|
|                           |  | Fresh              | Dried, in terms of fresh <sup>1</sup> |
|                           | <i>Metric tons</i>                             | <i>Metric tons</i> | <i>Metric tons</i>                    |
| 1993 .....                | 130,938  | 662,906            | 19,224                                |
| 1994 .....                | 171,695  | 663,054            | 25,120                                |
| 1995 .....                | 196,067  | 564,953            | 24,624                                |
| 1996 .....                | 197,340  | 689,749            | 20,368                                |
| 1997 .....                | 173,565  | 539,081            | 18,042                                |
| 1998 .....                | 171,777  | 660,251            | 15,743                                |
| 1999 .....                | 195,255  | 571,860            | 21,521                                |
| 2000 .....                | 180,617  | 743,644            | 33,308                                |
| 2001 .....                | 193,893  | 592,955            | 21,233                                |
| 2002 .....                | 231,645  | 522,692            | 26,210                                |

<sup>1</sup> Dried converted to terms of fresh apples on following basis; 1 pound dried is equivalent to 8 pounds fresh. No re-exports reported.

ERS, Specialty Crops Branch, (202) 694–5260.

**Table 5-9.—Apricots: Production and value, United States, 1994–2003 <sup>1</sup>**

| Year                    | Total production | Utilized production | Market year<br>average price per<br>ton <sup>2</sup> | Value                |
|-------------------------|------------------|---------------------|--|----------------------|
|                         | <i>Tons</i>      | <i>Tons</i>         | <i>Dollars</i>                                       | <i>1,000 dollars</i> |
| 1994 .....              | 153,200          | 140,180             | 349.00   | 48,883               |
| 1995 .....              | 60,500           | 60,500              | 456.00   | 27,572               |
| 1996 .....              | 79,300           | 79,290              | 444.00   | 35,171               |
| 1997 .....              | 139,230          | 129,630             | 332.00   | 43,072               |
| 1998 .....              | 118,490          | 108,080             | 327.00   | 35,358               |
| 1999 .....              | 90,500           | 90,500              | 391.00   | 35,377               |
| 2000 .....              | 96,900           | 87,760              | 369.00   | 32,346               |
| 2001 .....              | 82,460           | 75,430              | 353.00   | 26,598               |
| 2002 .....              | 90,040           | 80,030              | 357.00   | 28,565               |
| 2003 <sup>3</sup> ..... | 97,880           | 97,860              | 355.00   | 34,729               |

<sup>1</sup> Production, price, and value for CA, UT, and WA. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for CA and WA. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Preliminary.

NASS, Crops Branch, (202) 720–2127.

**Table 5-10.—Apricots: Production and marketing year average price per ton, by States, 2001–2003**

| State       | Total production |             |                   | Utilized production |             |                   | Price <sup>2</sup> for crop of— |                |                   |
|-------------|------------------|-------------|-------------------|---------------------|-------------|-------------------|---------------------------------|----------------|-------------------|
|             | 2001             | 2002        | 2003 <sup>1</sup> | 2001                | 2002        | 2003 <sup>1</sup> | 2001                            | 2002           | 2003 <sup>1</sup> |
|             | <i>Tons</i>      | <i>Tons</i> | <i>Tons</i>       | <i>Tons</i>         | <i>Tons</i> | <i>Tons</i>       | <i>Dollars</i>                  | <i>Dollars</i> | <i>Dollars</i>    |
| CA .....    | 77,000           | 85,000      | 92,500            | 70,000              | 75,000      | 92,500            | 319.00                          | 306.00         | 316.00            |
| UT .....    | 260              | 140         | 180               | 230                 | 130         | 160               | 852.00                          | 708.00         | 588.00            |
| WA .....    | 5,200            | 4,900       | 5,200             | 5,200               | 4,900       | 5,200             | 783.00                          | 1,120.00       | 1,040.00          |
| Total ..... | 82,460           | 90,040      | 97,880            | 75,430              | 80,030      | 97,860            | 353.00                          | 357.00         | 355.00            |

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for CA and WA. Quantities processed are priced at the equivalent processing plant door level.

NASS, Crops Branch, (202) 720–2127.

**Table 5-11.—Apricots: Production and utilization, United States, <sup>1</sup> 1994–2003**

| Crop of—                | Total production | Utilized production | Utilization of quantities sold |                        |                     |        |
|-------------------------|------------------|---------------------|--------------------------------|------------------------|---------------------|--------|
|                         |                  |                     | Fresh <sup>2</sup>             | Processed <sup>3</sup> |                     |        |
|                         |                  |                     |                                | Canned <sup>4</sup>    | Dried (fresh basis) | Frozen |
|                         | Tons             | Tons                | Tons                           | Tons                   | Tons                | Tons   |
| 1994 .....              | 153,200          | 140,180             | 26,740                         | 71,000                 | 30,500              | 10,500 |
| 1995 .....              | 60,500           | 60,500              | 16,400                         | 19,200                 | 9,600               | 5,700  |
| 1996 .....              | 79,300           | 79,290              | 13,490                         | 20,000                 | 15,000              | 9,000  |
| 1997 .....              | 139,230          | 129,630             | 26,830                         | 46,700                 | 12,000              | 15,100 |
| 1998 .....              | 118,490          | 108,080             | 22,880                         | 40,700                 | 9,000               | 10,400 |
| 1999 <sup>5</sup> ..... | 90,500           | 90,500              | 25,800                         | .....                  | .....               | .....  |
| 2000 .....              | 96,900           | 87,760              | 26,580                         | 32,000                 | 8,000               | 10,000 |
| 2001 .....              | 82,460           | 75,430              | 18,230                         | 31,000                 | 6,000               | 9,000  |
| 2002 .....              | 90,040           | 80,030              | 18,290                         | 30,500                 | 8,000               | 10,500 |
| 2003 <sup>6</sup> ..... | 97,880           | 97,860              | 26,250                         | 30,000                 | 6,800               | 11,000 |

<sup>1</sup>CA, UT, and WA. <sup>2</sup>Includes "Home use." <sup>3</sup>CA only. <sup>4</sup>Includes some quantities frozen or otherwise processed. <sup>5</sup>Breakdown of processed utilization for 1999 unpublished to avoid disclosure of individual operations. <sup>6</sup>Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-12.—Apricots: Production and utilization, by States, crop of 2003 (preliminary)**

| State                 | Total production | Utilized production | Utilization |                        |                     |        |
|-----------------------|------------------|---------------------|-------------|------------------------|---------------------|--------|
|                       |                  |                     | Fresh       | Processed <sup>1</sup> |                     |        |
|                       |                  |                     |             | Canned <sup>2</sup>    | Dried (fresh basis) | Frozen |
|                       | Tons             | Tons                | Tons        | Tons                   | Tons                | Tons   |
| CA .....              | 92,500           | 92,500              | 22,000      | 39,200                 | 6,800               | 11,000 |
| UT <sup>3</sup> ..... | 180              | 160                 | .....       | .....                  | .....               | .....  |
| WA <sup>3</sup> ..... | 5,200            | 5,200               | .....       | .....                  | .....               | .....  |
| US .....              | 97,880           | 97,860              | 26,250      | 39,200                 | 6,800               | 11,000 |

<sup>1</sup>CA only. <sup>2</sup>Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations. <sup>3</sup>Missing data not published to avoid disclosure of individual operations, but included in U.S. total.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-13.—Apricots: Foreign trade, United States, 1993–2002**

| Year beginning October | Domestic exports |                     |                    |                                    |                                       |
|------------------------|------------------|---------------------|--------------------|------------------------------------|---------------------------------------|
|                        | Fresh            | Canned <sup>1</sup> | Dried <sup>1</sup> | Dried, in fruit salad <sup>2</sup> | Total, in terms of fresh <sup>3</sup> |
|                        | Metric tons      | Metric tons         | Metric tons        | Metric tons                        | Metric tons                           |
| 1993 .....             | 7,650            | 760                 | 1,188              | 488                                | 16,810                                |
| 1994 .....             | 4,031            | 1,450               | 1,105              | 569                                | 13,675                                |
| 1995 .....             | 3,492            | 1,338               | 1,376              | 519                                | 14,192                                |
| 1996 .....             | 6,604            | 1,086               | 1,034              | 396                                | 14,733                                |
| 1997 .....             | 6,980            | 978                 | 927                | 428                                | 14,646                                |
| 1998 .....             | 9,197            | 980                 | 1,797              | 340                                | 20,884                                |
| 1999 .....             | 6,204            | 1,696               | 1,349              | 176                                | 15,259                                |
| 2000 .....             | 7,663            | 769                 | 2,251              | 312                                | 21,389                                |
| 2001 .....             | 7,732            | 1,600               | 2,004              | 202                                | 20,219                                |
| 2002 .....             | 7,903            | 1,554               | 3,310              | 402                                | 28,097                                |

<sup>1</sup>Net processed weight. <sup>2</sup>Dried apricots are 12½ percent of total dried fruit for salad. <sup>3</sup>Dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 5.5 pounds fresh. Canned apricots converted to terms of fresh on the basis that 1 pound canned equals 0.717 pounds fresh.

ERS, Specialty Crops Branch, (202) 694-5260.

**Table 5-14.—Avocados: Production, marketing year average price per ton, and value, California and Florida, 1993–94 to 2002–2003**

| Season                       | California              |                    |                      | Florida                 |                    |                      | California and Florida <sup>3</sup> |                    |                      |
|------------------------------|-------------------------|--------------------|----------------------|-------------------------|--------------------|----------------------|-------------------------------------|--------------------|----------------------|
|                              | Production <sup>1</sup> | Price <sup>2</sup> | Value                | Production <sup>1</sup> | Price <sup>2</sup> | Value                | Production <sup>1</sup>             | Price <sup>2</sup> | Value                |
|                              | <i>Tons</i>             | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Tons</i>             | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Tons</i>                         | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1993–94 .....                | 139,000                 | 1,810              | 251,590              | 4,400                   | 820                | 3,608                | 143,400                             | 1,780              | 255,198              |
| 1994–95 .....                | 155,000                 | 1,480              | 229,894              | 20,000                  | 616                | 12,320               | 175,000                             | 1,384              | 242,214              |
| 1995–96 .....                | 171,000                 | 1,370              | 234,831              | 19,000                  | 596                | 11,324               | 190,000                             | 1,296              | 246,155              |
| 1996–97 .....                | 167,000                 | 1,560              | 260,162              | 23,500                  | 528                | 12,408               | 190,500                             | 1,431              | 272,570              |
| 1997–98 .....                | 154,000                 | 1,710              | 263,473              | 24,000                  | 584                | 14,016               | 178,000                             | 1,559              | 277,489              |
| 1998–99 .....                | 136,000                 | 2,400              | 327,002              | 23,000                  | 716                | 16,468               | 159,000                             | 2,160              | 343,470              |
| 1999–2000 .....              | 161,000                 | 2,110              | 339,594              | 22,000                  | 748                | 16,456               | 183,000                             | 1,946              | 356,050              |
| 2000–2001 .....              | 213,000                 | 1,480              | 315,842              | 26,000                  | 584                | 15,184               | 239,000                             | 1,361              | 331,026              |
| 2001–2002 <sup>4</sup> ..... | 200,000                 | 1,790              | 358,000              | 23,000                  | 676                | 15,548               | 223,000                             | 1,675              | 373,548              |
| 2002–2003 <sup>4</sup> ..... | 172,000                 | 2,170              | 373,240              | 31,000                  | 556                | 17,236               | 203,000                             | 1,923              | 390,476              |

<sup>1</sup> Production is the quantity sold or utilized. <sup>2</sup> Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Feb. 28 for Florida. <sup>4</sup> Preliminary. NASS, Crops Branch, (202) 720–2127.

**Table 5-15.—Avocados: Foreign trade, United States, 1993–2002**

| Year beginning October | Imports            |
|------------------------|--------------------|
|                        | <i>Metric tons</i> |
| 1993 .....             | 14,213             |
| 1994 .....             | 18,871             |
| 1995 .....             | 23,118             |
| 1996 .....             | 27,667             |
| 1997 .....             | 39,847             |
| 1998 .....             | 59,637             |
| 1999 .....             | 63,944             |
| 2000 .....             | 73,069             |
| 2001 .....             | 103,339            |
| 2002 .....             | 136,649            |

ERS, Specialty Crops Branch, (202) 694–5260.

**Table 5-16.—Bananas: Area, yield, utilized production, marketing year average price, and value, Hawaii, 1994–2003**

| Year                    | Area harvested | Yield per acre      | Production          | Price per pound | Value                |
|-------------------------|----------------|---------------------|---------------------|-----------------|----------------------|
|                         | <i>Acres</i>   | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>Cents</i>    | <i>1,000 dollars</i> |
| 1994 .....              | 880            | 15.6                | 13,700              | 37.0            | 5,069                |
| 1995 .....              | 880            | 14.8                | 13,000              | 40.0            | 5,200                |
| 1996 .....              | 960            | 13.5                | 13,000              | 40.0            | 5,200                |
| 1997 .....              | 950            | 14.4                | 13,700              | 38.0            | 5,206                |
| 1998 .....              | 1,420          | 14.8                | 21,000              | 35.0            | 7,350                |
| 1999 .....              | 1,420          | 17.3                | 24,500              | 35.0            | 8,575                |
| 2000 .....              | 1,460          | 19.9                | 29,000              | 36.0            | 10,440               |
| 2001 .....              | 1,490          | 18.8                | 28,000              | 38.0            | 10,640               |
| 2002 .....              | 1,300          | 15.0                | 19,500              | 43.0            | 8,385                |
| 2003 <sup>1</sup> ..... | 1,400          | 15.7                | 22,000              | 42.0            | 9,240                |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 5-17.—Kiwifruit: Area, yield, utilized production, marketing year average price, and value, California, 1994–2003**

| Year     | Bearing acreage | Yield <sup>1</sup> | Production  | Price per ton  | Value                |
|----------|-----------------|--------------------|-------------|----------------|----------------------|
|          | <i>Acres</i>    | <i>Tons</i>        | <i>Tons</i> | <i>Dollars</i> | <i>1,000 dollars</i> |
| 1994 ... | 6,500           | 6.06               | 37,500      | 491            | 18,413               |
| 1995 ... | 6,100           | 6.20               | 33,600      | 459            | 15,434               |
| 1996 ... | 5,700           | 5.53               | 28,000      | 470            | 13,157               |
| 1997 ... | 5,300           | 6.60               | 31,800      | 518            | 16,483               |
| 1998 ... | 5,300           | 6.91               | 33,000      | 744            | 24,544               |
| 1999 ... | 5,300           | 5.09               | 24,000      | 634            | 15,215               |
| 2000 ... | 5,300           | 6.42               | 30,500      | 455            | 13,888               |
| 2001 ... | 4,900           | 5.27               | 25,800      | 667            | 15,340               |
| 2002 ... | 4,500           | 5.80               | 26,100      | 783            | 18,097               |
| 2003 ... | 4,500           | 5.27               | 23,700      | NA             | NA                   |

<sup>1</sup> Yield based on total production.  
NASS, Crops Branch, (202) 720-2127.

**Table 5-18.—Cherries: Foreign trade, United States, 1993–2002**

| Year beginning October | Imports            |                     | Domestic exports   |                    |
|------------------------|--------------------|---------------------|--------------------|--------------------|
|                        | Fresh              | Dried and preserved | Fresh              | Canned             |
|                        | <i>Metric tons</i> | <i>Metric tons</i>  | <i>Metric tons</i> | <i>Metric tons</i> |
| 1993 .....             | 1,633              | 2,568               | 30,640             | 14,774             |
| 1994 .....             | 1,376              | 1,415               | 30,268             | 15,168             |
| 1995 .....             | 1,905              | 1,871               | 34,702             | 18,975             |
| 1996 .....             | 1,908              | 1,884               | 39,401             | 15,044             |
| 1997 .....             | 968                | 2,673               | 37,511             | 13,297             |
| 1998 .....             | 2,088              | 2,106               | 42,638             | 14,500             |
| 1999 .....             | 2,815              | 2,933               | 43,289             | 14,970             |
| 2000 .....             | 3,858              | 2,613               | 42,880             | 20,515             |
| 2001 .....             | 6,680              | 2,489               | 36,232             | 19,355             |
| 2002 .....             | 8,548              | 7,341               | 47,821             | 12,563             |

ERS, Specialty Crops Branch, (202) 694-5260.



**Table 5-19.—Sweet cherries: Production and value, United States, 1994–2003**

| Year                    | Total production | Utilized production | Marketing year average price per ton <sup>1</sup> | Value                |
|-------------------------|------------------|---------------------|---|----------------------|
|                         | <i>Tons</i>      | <i>Tons</i>         | <i>Dollars</i>                                    | <i>1,000 dollars</i> |
| 1994 .....              | 207,100          | 192,720             | 1,040.00  | 200,224              |
| 1995 .....              | 165,300          | 152,880             | 1,260.00  | 193,068              |
| 1996 .....              | 154,100          | 151,700             | 1,470.00  | 223,022              |
| 1997 .....              | 225,770          | 223,490             | 1,250.00  | 278,511              |
| 1998 .....              | 211,400          | 208,410             | 1,090.00  | 226,236              |
| 1999 .....              | 216,120          | 213,260             | 1,100.00  | 234,879              |
| 2000 .....              | 206,500          | 204,020             | 1,340.00  | 274,225              |
| 2001 .....              | 230,380          | 219,620             | 1,230.00  | 270,914              |
| 2002 .....              | 181,225          | 177,165             | 1,550.00  | 274,180              |
| 2003 <sup>2</sup> ..... | 236,960          | 234,640             | 1,390.00  | 326,799              |

<sup>1</sup>Fresh fruit prices are equivalent packinghouse-door returns for Western States, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>2</sup>Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-20.—Tart cherries: Production and value, United States, 1994–2003**

| Year                    | Total production      | Utilized production   | Marketing year average price per ton <sup>1</sup> | Value                |
|-------------------------|-----------------------|-----------------------|---|----------------------|
|                         | <i>Million pounds</i> | <i>Million pounds</i> | <i>Dollars</i>                                    | <i>1,000 dollars</i> |
| 1994 .....              | 304.2                 | 296.3                 | 0.163   | 48,386               |
| 1995 .....              | 395.6                 | 311.2                 | 0.059   | 18,456               |
| 1996 .....              | 271.8                 | 260.1                 | 0.161   | 41,747               |
| 1997 .....              | 292.9                 | 283.3                 | 0.159   | 44,911               |
| 1998 .....              | 348.1                 | 305.6                 | 0.145   | 44,186               |
| 1999 .....              | 256.1                 | 254.1                 | 0.218   | 55,505               |
| 2000 .....              | 288.5                 | 281.4                 | 0.187   | 52,488               |
| 2001 .....              | 370.1                 | 307.9                 | 0.186   | 57,150               |
| 2002 .....              | 62.5                  | 62.2                  | 0.448   | 27,879               |
| 2003 <sup>2</sup> ..... | 226.5                 | 226.5                 | 0.371   | 83,922               |

<sup>1</sup>Fresh fruit prices are equivalent packinghouse-door returns for Western States, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>2</sup>Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-21.—Sweet cherries: Production and season average price, by States, 2001–2003**

| State              | Total production |             |                   | Utilized production |             |                   | Price <sup>2</sup>     |                        |                        |
|--------------------|------------------|-------------|-------------------|---------------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                    | 2001             | 2002        | 2003 <sup>1</sup> | 2001                | 2002        | 2003 <sup>1</sup> | 2001                   | 2002                   | 2003 <sup>1</sup>      |
|                    | <i>Tons</i>      | <i>Tons</i> | <i>Tons</i>       | <i>Tons</i>         | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| CA .....           | 55,300           | 55,500      | 62,000            | 51,100              | 53,700      | 60,100            | 1,560.00               | 1,740.00               | 1,590.00               |
| ID .....           | 1,400            | 1,700       | 2,900             | 1,390               | 1,700       | 2,900             | 1,300.00               | 1,490.00               | 1,400.00               |
| MI .....           | 23,000           | 2,700       | 13,000            | 23,000              | 2,600       | 13,000            | 482.00                 | 855.00                 | 897.00                 |
| MT .....           | 2,300            | 2,220       | 1,920             | 1,850               | 2,080       | 1,730             | 1,130.00               | 1,820.00               | 1,670.00               |
| NY .....           | 1,100            | 350         | 600               | 1,050               | 350         | 570               | 1,530.00               | 1,730.00               | 1,950.00               |
| OR .....           | 40,000           | 31,000      | 38,000            | 34,000              | 29,000      | 38,000            | 842.00                 | 932.00                 | 1,090.00               |
| PA .....           | 580              | 355         | 340               | 580                 | 355         | 340               | 2,260.00               | 2,480.00               | 2,360.00               |
| UT .....           | 700              | 400         | 2,200             | 650                 | 380         | 2,000             | 791.00                 | 1,540.00               | 900.00                 |
| WA .....           | 106,000          | 87,000      | 116,000           | 106,000             | 87,000      | 116,000           | 1,360.00               | 1,650.00               | 1,450.00               |
| Total 9 States ... | 230,380          | 181,225     | 236,960           | 219,620             | 177,165     | 234,640           | 1,230.00               | 1,550.00               | 1,390.00               |

<sup>1</sup>Preliminary. <sup>2</sup>Fresh fruit prices are equivalent packinghouse-door returns for CA, OR, and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

NASS, Crops Branch, (202) 720-2127.

**Table 5-22.—Tart cherries: Production and season average price, by States, 2001–2003**

| State              | Total production      |                       |                       | Utilized production   |                       |                       | Price <sup>2</sup>     |                        |                        |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
|                    | 2001                  | 2002                  | 2003 <sup>1</sup>     | 2001                  | 2002                  | 2003 <sup>1</sup>     | 2001                   | 2002                   | 2003 <sup>1</sup>      |
|                    | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| CO .....           | 0.6                   | 0.3                   | 0.6                   | 0.6                   | 0.3                   | 0.6                   | 0.333                  | 0.400                  | 0.380                  |
| MI .....           | 297.0                 | 15.0                  | 154.0                 | 242.0                 | 15.0                  | 154.0                 | 0.184                  | 0.479                  | 0.391                  |
| NY .....           | 14.7                  | 12.7                  | 7.2                   | 14.1                  | 12.7                  | 7.2                   | 0.196                  | 0.506                  | 0.314                  |
| OR .....           | 2.4                   | 3.2                   | 1.4                   | 2.3                   | 3.1                   | 1.4                   | 0.257                  | 0.370                  | 0.361                  |
| PA .....           | 3.9                   | 3.8                   | 3.9                   | 3.9                   | 3.8                   | 3.9                   | 0.127                  | 0.558                  | 0.434                  |
| UT .....           | 12.0                  | 3.0                   | 26.0                  | 11.5                  | 2.8                   | 26.0                  | 0.218                  | 0.240                  | 0.270                  |
| WA .....           | 26.5                  | 20.5                  | 20.1                  | 20.5                  | 20.5                  | 20.1                  | 0.172                  | 0.398                  | 0.323                  |
| WI .....           | 13.0                  | 4.0                   | 13.3                  | 13.0                  | 4.0                   | 13.3                  | 0.204                  | 0.512                  | 0.412                  |
| Total 8 States ... | 370.1                 | 62.5                  | 226.5                 | 307.9                 | 62.2                  | 226.5                 | 0.186                  | 0.448                  | 0.371                  |

<sup>1</sup>Preliminary. <sup>2</sup>Fresh fruit prices are equivalent packinghouse-door returns for OR and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

NASS, Crops Branch, (202) 720-2127.

**Table 5-23.—Sweet cherries: Production and utilization, by States, crop of 2003 (preliminary)**

| State                           | Total production | Utilized production | Utilization        |                                |             |                    |
|---------------------------------|------------------|---------------------|--------------------|--------------------------------|-------------|--------------------|
|                                 |                  |                     | Fresh <sup>1</sup> | Processed                      |             |                    |
|                                 |                  |                     |                    | Canned and otherwise processed | Brined      | Other <sup>2</sup> |
| <i>Tons</i>                     | <i>Tons</i>      | <i>Tons</i>         | <i>Tons</i>        | <i>Tons</i>                    | <i>Tons</i> |                    |
| CA .....                        | 62,000           | 60,100              | 46,800             |                                |             |                    |
| MI .....                        | 13,000           | 13,000              | 1,000              | 1,500                          | 8,000       | 2,500              |
| OR .....                        | 38,000           | 38,000              | 21,000             | 1,500                          | 14,000      | 1,500              |
| WA .....                        | 116,000          | 116,000             | 96,000             | 4,000                          | 10,000      | 6,000              |
| Other States <sup>3</sup> ..... | 7,960            | 7,540               | 5,400              |                                | 11,280      | 4,160              |
| US .....                        | 236,960          | 234,640             | 170,200            | 7,000                          | 43,280      | 14,160             |

<sup>1</sup> Includes "Home use." <sup>2</sup> Includes California canned utilization and other processed utilizations from all States. <sup>3</sup> ID, MT, NY, PA, and UT.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-24.—Tart cherries: Production and utilization, by States, crop of 2003 <sup>1</sup>**

| State                           | Total production      | Utilized production   | Utilization           |   |                       |                    |
|---------------------------------|-----------------------|-----------------------|-----------------------|---|-----------------------|--------------------|
|                                 |                       |                       | Fresh <sup>2</sup>    | Processed                                   |                       |                    |
|                                 |                       |                       |                       | Canned and otherwise processed <sup>3</sup> | Frozen                | Other <sup>3</sup> |
| <i>Million pounds</i>           | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i>                       | <i>Million pounds</i> |                    |
| MI .....                        | 154.0                 | 154.0                 | 0.5                   | 63.0  | 85.0                  | 5.5                |
| Other States <sup>4</sup> ..... | 72.5                  | 72.5                  | 0.5                   | 7.9   | 53.9                  | 10.2               |
| US .....                        | 226.5                 | 226.5                 | 1.0                   | 70.9  | 138.9                 | 15.7               |

<sup>1</sup> Preliminary. <sup>2</sup> Includes "Home use." <sup>3</sup> Some quantities used for juice, wine, brined, and dried. <sup>4</sup> CO, NY, OR, PA, UT, WA, and WI.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-25.—Sweet cherries: Production and utilization, United States, <sup>1</sup> 1994-2003**

| Crop of—                | Total production | Utilized production | Utilization of quantities sold |                    |        |
|-------------------------|------------------|---------------------|--------------------------------|--------------------|--------|
|                         |                  |                     | Fresh <sup>2</sup>             | Processed          |        |
|                         |                  |                     |                                | Other <sup>3</sup> | Brined |
| <i>Tons</i>             | <i>Tons</i>      | <i>Tons</i>         | <i>Tons</i>                    | <i>Tons</i>        |        |
| 1994 .....              | 207,100          | 192,720             | 99,270                         | 29,000             | 64,450 |
| 1995 .....              | 165,300          | 152,880             | 64,230                         | 29,290             | 59,360 |
| 1996 .....              | 154,100          | 151,700             | 80,670                         | 22,070             | 48,960 |
| 1997 .....              | 225,770          | 223,490             | 115,440                        | 30,400             | 77,650 |
| 1998 .....              | 211,400          | 208,410             | 108,960                        | 30,200             | 69,250 |
| 1999 .....              | 216,120          | 213,260             | 123,410                        | 26,065             | 63,785 |
| 2000 .....              | 206,500          | 204,020             | 120,760                        | 26,660             | 56,600 |
| 2001 .....              | 230,380          | 219,620             | 145,710                        | 25,730             | 48,180 |
| 2002 .....              | 181,225          | 177,165             | 126,455                        | 18,570             | 32,140 |
| 2003 <sup>4</sup> ..... | 236,960          | 234,640             | 170,200                        | 21,160             | 43,280 |

<sup>1</sup> CA, ID, MI, MT, NY, OR, PA, UT, and WA. <sup>2</sup> Includes "Home use." <sup>3</sup> Includes canned utilization and other processed utilizations from all States. <sup>4</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2177.

**Table 5-26.—Tart cherries: Production and utilization, United States,<sup>1</sup> 1994-2003**

| Crop of—                | Total production      | Utilized production   | Utilization of quantities sold |                       |        |
|-------------------------|-----------------------|-----------------------|--------------------------------|-----------------------|--------|
|                         |                       |                       | Fresh <sup>2</sup>             | Processed             |        |
|                         |                       |                       |                                | Other <sup>3</sup>    | Frozen |
| <i>Million pounds</i>   | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i>          | <i>Million pounds</i> |        |
| 1994 .....              | 304.2                 | 296.3                 | 3.5                            | 119.1                 | 173.7  |
| 1995 .....              | 395.6                 | 311.2                 | 2.7                            | 125.7                 | 182.8  |
| 1996 .....              | 271.8                 | 260.1                 | 2.5                            | 87.4                  | 170.2  |
| 1997 .....              | 292.9                 | 283.3                 | 2.6                            | 107.1                 | 173.6  |
| 1998 .....              | 348.1                 | 305.6                 | 2.3                            | 103.5                 | 199.8  |
| 1999 .....              | 256.1                 | 254.1                 | 1.8                            | 114.4                 | 137.9  |
| 2000 .....              | 288.5                 | 281.4                 | 1.8                            | 135.3                 | 144.3  |
| 2001 .....              | 370.1                 | 307.9                 | 1.9                            | 129.2                 | 176.8  |
| 2002 .....              | 62.5                  | 62.2                  | 0.8                            | 32.5                  | 28.9   |
| 2003 <sup>4</sup> ..... | 226.5                 | 226.5                 | 1.0                            | 86.6                  | 138.9  |

<sup>1</sup> CO, MI, NY, OR, PA, UT, WA, and WI. <sup>2</sup> Includes "Home use." <sup>3</sup> Includes canned utilization and other processed utilizations from all states. <sup>4</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2177.

**Table 5-27.—Citrus fruit: Utilized production and value, United States, for season of 1993–94 to 2002–2003**

| Season <sup>1</sup>          | Oranges <sup>4</sup>         |   |                           |   | Grapefruit                                |   |                           |   |
|------------------------------|------------------------------|---|---------------------------|---|---|---|---------------------------|---|
|                              | Production<br>1,000<br>boxes | Marketing<br>year<br>average<br>re-<br>turns<br>per<br>box <sup>2</sup> | Value<br>1,000<br>dollars | Quantities<br>processed <sup>3</sup><br>1,000 boxes | Production<br>1,000<br>boxes <sup>5</sup> | Marketing<br>year<br>average<br>re-<br>turns<br>per<br>box <sup>2</sup> | Value<br>1,000<br>dollars | Quantities<br>processed <sup>3</sup><br>1,000 boxes |
| 1993–94 .....                | 240,450                      | 6.37  | 1,541,296                 | 182,435   | 65,100                                    | 5.26  | 341,977                   | 33,231  |
| 1994–95 .....                | 263,605                      | 6.08  | 1,624,061                 | 207,351   | 71,050                                    | 4.29  | 307,525                   | 38,387  |
| 1995–96 .....                | 263,890                      | 6.85  | 1,821,579                 | 207,365   | 66,200                                    | 4.33  | 290,152                   | 33,582  |
| 1996–97 .....                | 293,020                      | 6.16  | 1,836,662                 | 228,565   | 70,100                                    | 4.00  | 284,749                   | 36,665  |
| 1997–98 .....                | 315,525                      | 6.13  | 1,965,358                 | 247,004   | 63,150                                    | 4.13  | 268,598                   | 32,460  |
| 1998–99 .....                | 224,580                      | 7.41  | 1,687,928                 | 192,194   | 61,200                                    | 5.33  | 334,626                   | 30,027  |
| 1999–2000 .....              | 299,760                      | 5.56  | 1,666,100                 | 244,582   | 66,980                                    | 6.07  | 409,716                   | 38,509  |
| 2000–2001 .....              | 280,935                      | 5.88  | 1,682,790                 | 223,232   | 59,750                                    | 4.69  | 285,065                   | 32,600  |
| 2001–2002 <sup>6</sup> ..... | 283,760                      | 6.37  | 1,846,199                 | 228,276   | 58,660                                    | 4.92  | 292,156                   | 32,113  |
| 2002–2003 <sup>6</sup> ..... | 267,040                      | 5.97  | 1,611,812                 | 204,363   | 50,080                                    | 5.02  | 258,006                   | 26,129  |
|                              | Lemons                       |   |                           |   | Templets (FL)                             |   |                           |   |
| 1993–94 .....                | 25,900                       | 9.94  | 257,362                   | 13,449  | 2,250                                     | 5.64  | 12,687                    | 1,465   |
| 1994–95 .....                | 23,600                       | 11.16   | 263,441                   | 10,287  | 2,550                                     | 5.61  | 14,301                    | 1,764   |
| 1995–96 .....                | 26,100                       | 10.01   | 261,281                   | 12,533  | 2,150                                     | 6.52  | 14,024                    | 1,457   |
| 1996–97 .....                | 25,300                       | 12.00   | 303,476                   | 12,206  | 2,400                                     | 5.23  | 12,541                    | 1,845   |
| 1997–98 .....                | 23,600                       | 10.21   | 240,846                   | 12,250  | 2,250                                     | 5.12  | 11,510                    | 1,684   |
| 1998–99 .....                | 19,650                       | 12.79   | 251,397                   | 7,523   | 1,800                                     | 7.25  | 13,050                    | 1,207   |
| 1999–2000 .....              | 22,100                       | 13.51   | 298,677                   | 8,476   | 1,950                                     | 4.70  | 9,173                     | 1,510   |
| 2000–2001 .....              | 26,200                       | 9.06  | 237,362                   | 12,793  | 1,250                                     | 4.23  | 5,282                     | 907   |
| 2001–2002 .....              | 21,100                       | 15.54   | 327,964                   | 6,678   | 1,550                                     | 4.46  | 6,919                     | 1,132   |
| 2002–2003 <sup>6</sup> ..... | 27,000                       | 10.85   | 292,932                   | 12,344  | 1,300                                     | 4.73  | 6,149                     | 995   |
|                              | Tangerines <sup>7</sup>      |   |                           |   | Tangelos (FL)                             |   |                           |   |
| 1993–94 .....                | 7,400                        | 12.57   | 92,055                    | 2,007   | 3,350                                     | 5.47  | 18,323                    | 2,253   |
| 1994–95 .....                | 6,700                        | 15.01   | 100,285                   | 1,756   | 3,150                                     | 4.90  | 15,435                    | 2,044   |
| 1995–96 .....                | 8,100                        | 13.94   | 110,573                   | 2,390   | 2,450                                     | 6.16  | 15,100                    | 1,432   |
| 1996–97 .....                | 9,650                        | 12.47   | 122,172                   | 3,096   | 3,950                                     | 4.75  | 18,759                    | 2,918   |
| 1997–98 .....                | 8,200                        | 11.78   | 96,524                    | 2,642   | 2,850                                     | 4.19  | 11,950                    | 1,937   |
| 1998–99 .....                | 7,400                        | 15.74   | 116,632                   | 2,047   | 2,550                                     | 7.17  | 18,277                    | 1,712   |
| 1999–2000 .....              | 10,350                       | 10.43   | 108,192                   | 3,640   | 2,200                                     | 5.11  | 11,232                    | 1,464   |
| 2000–2001 .....              | 8,450                        | 11.26   | 96,789                    | 2,517   | 2,100                                     | 3.90  | 8,193                     | 1,358   |
| 2001–2002 .....              | 9,420                        | 12.97   | 124,718                   | 2,665   | 2,150                                     | 5.00  | 10,758                    | 1,454   |
| 2002–2003 <sup>6</sup> ..... | 8,430                        | 13.38   | 114,457                   | 1,952   | 2,350                                     | 5.68  | 13,353                    | 1,742   |
|                              | Limes (FL)                   |   |                           |   | K-Early Citrus (FL)                       |   |                           |   |
| 1993–94 .....                | 200                          | 18.46   | 3,691                     | 50  | 210                                       | 4.47  | 939                       | 50  |
| 1994–95 .....                | 230                          | 14.47   | 3,329                     | 40  | 120                                       | 4.48  | 538                       | 55  |
| 1995–96 .....                | 300                          | 13.05   | 3,914                     | 60  | 160                                       | 4.82  | 771                       | 98  |
| 1996–97 .....                | 320                          | 11.93   | 3,816                     | 65  | 150                                       | 3.95  | 592                       | 93  |
| 1997–98 .....                | 440                          | 11.90   | 5,235                     | 110   | 40  | 1.13  | 45                        | 10  |
| 1998–99 .....                | 500                          | 17.83   | 8,813                     | 90  | 80  | 4.45  | 356                       | 56  |
| 1999–2000 .....              | 600                          | 16.21   | 9,728                     | 100   | 110                                       | 3.24  | 356                       | 95  |
| 2000–2001 .....              | 250                          | 17.00   | 4,249                     | 30  | 40  | 4.68  | 187                       | 19  |
| 2001–2002 .....              | 150                          | 11.55   | 1,732                     | 25  | 30  | 3.77  | 113                       | 24  |
| 2002–2003 <sup>6</sup> ..... | ( <sup>8</sup> )             | ( <sup>8</sup> )  | ( <sup>8</sup> )          | ( <sup>8</sup> )                                    | ( <sup>8</sup> )                          | ( <sup>8</sup> )  | ( <sup>8</sup> )          | ( <sup>8</sup> )                                    |

<sup>1</sup> See footnote 1, table 5-29. <sup>2</sup> Equivalent packing-house door returns. <sup>3</sup> Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in CA delivered to processing plants which were not utilized, but for which growers received payment. <sup>4</sup> Includes small quantities of tangerines in TX. Excludes FL Templets. <sup>5</sup> Excludes FL economic abandonment in 1995–96 of 3 million boxes of Colored Seedless; in 1996–97 of 3 million boxes of White Seedless and 3 million boxes of Colored Seedless; in 1997–98 of 5 million boxes of White Seedless and 1 million boxes of Colored Seedless. <sup>6</sup> Preliminary. <sup>7</sup> AZ and CA tangelos and tangors included. <sup>8</sup> Estimates discontinued.

NASS, Crops Branch, (202) 720–2127.

**Table 5-28.—Citrus fruit: Utilized production and marketing year average returns per box, by States, 2001–2002 to 2002–2003 <sup>1</sup>**

| Crop and State                                      | Utilized production |                    | Market year average price <sup>2</sup> |                |
|---|---------------------|--------------------|--|----------------|
|   | 2001–2002           | 2002–2003          | 2001–2002                              | 2002–2003      |
| ORANGES   |                     |                    |  |                |
| Early, midseason, and Navel varieties: <sup>3</sup> | <i>1,000 boxes</i>  | <i>1,000 boxes</i> | <i>Dollars</i>                         | <i>Dollars</i> |
| AZ .....  | 270                 | 200                | 12.74                                  | 7.13           |
| CA .....  | 32,000              | 41,000             | 12.88                                  | 7.98           |
| FL .....  | 128,000             | 112,000            | 4.94                                   | 5.00           |
| TX .....  | 1,530               | 1,350              | 4.52                                   | 4.00           |
| Total early, midseason, and Navel varieties .....   | 161,800             | 154,550            | 6.30                                   | 5.69           |
| Valencia:   |                     |                    |  |                |
| AZ .....  | 250                 | 270                | 3.42                                   | 2.77           |
| CA .....  | 19,500              | 21,000             | 7.51                                   | 7.40           |
| FL .....  | 102,000             | 91,000             | 6.30                                   | 6.15           |
| TX .....  | 210                 | 220                | 5.51                                   | 5.89           |
| Total Valencia .....                                | 121,960             | 112,490            | 6.46                                   | 6.35           |
| All oranges:  |                     |                    |  |                |
| AZ .....  | 520                 | 470                | 8.26                                   | 4.62           |
| CA .....  | 51,500              | 62,000             | 10.85                                  | 7.78           |
| FL .....  | 230,000             | 203,000            | 5.54                                   | 5.52           |
| TX .....  | 1,740               | 1,570              | 4.64                                   | 4.26           |
| US, all oranges .....                               | 283,760             | 267,040            | 6.37                                   | 5.97           |
| GRAPEFRUIT  |                     |                    |  |                |
| AZ .....  | 160                 | 130                | 6.73                                   | 7.73           |
| CA .....  | 5,900               | 5,600              | 8.05                                   | 11.01          |
| FL, all .....                                       | 46,700              | 38,700             | 4.72                                   | 4.54           |
| Colored seedless .....                              | 27,800              | 22,500             | 4.99                                   | 4.96           |
| White seedless .....                                | 18,900              | 16,200             | 4.33                                   | 3.97           |
| TX .....  | 5,900               | 5,650              | 3.91                                   | 3.45           |
| US, all grapefruit .....                            | 58,660              | 50,080             | 4.92                                   | 5.02           |
| LEMONS  |                     |                    |  |                |
| AZ .....  | 2,800               | 3,000              | 14.62                                  | 9.80           |
| CA .....  | 18,300              | 24,000             | 15.68                                  | 10.98          |
| US, lemons .....                                    | 21,100              | 27,000             | 15.54                                  | 10.85          |
| LIMES   |                     |                    |  |                |
| FL .....  | 150                 | (e)                | 11.55                                  | (e)            |
| TANGELOS <sup>6</sup>                               |                     |                    |  |                |
| FL .....  | 2,150               | 2,350              | 5.00                                   | 5.68           |
| TANGERINES  |                     |                    |  |                |
| AZ <sup>4</sup> .....                               | 620                 | 430                | 15.83                                  | 18.09          |
| CA <sup>5</sup> .....                               | 2,200               | 2,500              | 17.65                                  | 15.78          |
| FL .....  | 6,600               | 5,500              | 11.53                                  | 12.22          |
| US, tangerines .....                                | 9,420               | 8,430              | 12.97                                  | 13.38          |
| TEMPLES   |                     |                    |  |                |
| FL .....  | 1,550               | 1,300              | 4.46                                   | 4.73           |
| K-EARLY CITRUS <sup>6</sup>                         |                     |                    |  |                |
| FL .....  | 30                  | (e)                | 3.77                                   | (e)            |

<sup>1</sup>The crop year begins with the bloom of the first year shown and ends with completion of harvest the following year. <sup>2</sup>Equivalent packinghouse-door returns. <sup>3</sup>Includes small quantities of tangerines in TX. Excludes FL Temples. <sup>4</sup>Net lbs. per box: oranges—AZ and CA, 75; FL, 90; and TX, 85; grapefruit—AZ and CA, 67; FL, 85; TX, 80; lemons—76; tangelos, K-Early Citrus and Temples—90; tangerines—AZ and CA, 75. <sup>5</sup>Includes tangelos and tangors. <sup>6</sup>Estimates discontinued.

**Table 5-29.—Citrus fruits: Production in specified countries, 2000–2001 to 2002–2003<sup>1</sup>**

| Commodity and country            | 2000–2001         | 2001–2002         | 2002–2003 <sup>2</sup> |
|----------------------------------|-------------------|-------------------|------------------------|
|                                  | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons      |
| <b>Oranges:</b>                  |                   |                   |                        |
| Argentina .....                  | 913               | 774               | 540                    |
| Australia .....                  | 437               | 591               | 535                    |
| Brazil .....                     | 14,729            | 18,360            | 15,790                 |
| China, Peoples Republic of ..... | 2,635             | 3,598             | 3,232                  |
| Cuba .....                       | 450               | 340               | 375                    |
| Cyprus .....                     | 102               | 93                | 92                     |
| Egypt .....                      | 1,610             | 1,696             | 1,725                  |
| Gaza Strip .....                 | 105               | 105               | 105                    |
| Greece .....                     | 976               | 1,076             | 1,200                  |
| Israel .....                     | 218               | 160               | 140                    |
| Italy .....                      | 1,800             | 1,829             | 1,765                  |
| Japan .....                      | 19                | 18                | 17                     |
| Mexico .....                     | 3,885             | 3,844             | 3,600                  |
| Morocco .....                    | 693               | 720               | 814                    |
| South Africa, Republic of .....  | 1,119             | 1,243             | 1,270                  |
| Spain .....                      | 2,688             | 2,822             | 2,864                  |
| Turkey .....                     | 1,070             | 1,250             | 1,250                  |
| United States <sup>3</sup> ..... | 11,140            | 11,393            | 10,479                 |
| <b>Total .....</b>               | <b>44,589</b>     | <b>49,912</b>     | <b>45,793</b>          |
| <b>Tangerines:</b>               |                   |                   |                        |
| Argentina .....                  | 501               | 464               | 290                    |
| China, Peoples Republic of ..... | 4,831             | 6,268             | 5,353                  |
| Cuba .....                       | 5                 | 2                 | 3                      |
| Egypt .....                      | 481               | 493               | 500                    |
| Greece .....                     | 86                | 67                | 87                     |
| Israel .....                     | 80                | 83                | 85                     |
| Italy .....                      | 592               | 611               | 560                    |
| Japan .....                      | 1,398             | 1,527             | 1,376                  |
| Korea, Republic of .....         | 563               | 651               | 780                    |
| Mexico .....                     | 0                 | 0                 | 0                      |
| Morocco .....                    | 260               | 405               | 458                    |
| Spain .....                      | 1,780             | 1,655             | 1,952                  |
| Turkey .....                     | 560               | 580               | 450                    |
| United States <sup>4</sup> ..... | 425               | 468               | 432                    |
| <b>Total .....</b>               | <b>11,562</b>     | <b>13,274</b>     | <b>12,326</b>          |
| <b>Grapefruit:</b>               |                   |                   |                        |
| Argentina .....                  | 177               | 175               | 150                    |
| Cuba .....                       | 310               | 175               | 200                    |
| Cyprus .....                     | 38                | 38                | 38                     |
| Gaza Strip .....                 | 10                | 10                | 10                     |
| Israel .....                     | 286               | 251               | 227                    |
| Italy .....                      | 20                | 30                | 45                     |
| Mexico .....                     | 320               | 250               | 270                    |
| South Africa, Republic of .....  | 288               | 330               | 350                    |
| Turkey .....                     | 135               | 135               | 120                    |
| United States <sup>3</sup> ..... | 2,234             | 2,202             | 1,870                  |
| <b>Total .....</b>               | <b>3,818</b>      | <b>3,596</b>      | <b>3,280</b>           |
| <b>Lemons:</b>                   |                   |                   |                        |
| Argentina .....                  | 1,217             | 1,200             | 1,050                  |
| Australia .....                  | 0                 | 0                 | 0                      |
| Cyprus .....                     | 26                | 20                | 21                     |
| Gaza Strip .....                 | 9                 | 9                 | 9                      |
| Greece .....                     | 130               | 108               | 110                    |
| Israel .....                     | 16                | 20                | 23                     |
| Italy .....                      | 610               | 571               | 584                    |
| Japan .....                      | 2                 | 2                 | 2                      |
| Morocco .....                    | 20                | 20                | 20                     |
| South Africa, Republic of .....  | 119               | 163               | 180                    |
| Spain .....                      | 960               | 1,037             | 912                    |
| Turkey .....                     | 460               | 510               | 400                    |
| United States .....              | 904               | 752               | 931                    |
| <b>Total .....</b>               | <b>4,473</b>      | <b>4,412</b>      | <b>4,242</b>           |

<sup>1</sup> Split years refer to harvest periods which usually begin in the fall and extend through the following spring. This corresponds roughly with October–June in the Northern Hemisphere and April–December of the second year shown in the Southern Hemisphere. <sup>2</sup> Preliminary. <sup>3</sup> Includes temple oranges. <sup>4</sup> Includes tangelos.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information. U.S. data are from USDA Agricultural Statistics Board.

**Table 5-30.—Concentrated citrus juices: Annual packs, Florida, 1992–2001**

| Season beginning December | Frozen concentrated juice <sup>1</sup> |        |               |
|---------------------------|--|--------|---------------|
|                           | Orange <sup>2</sup>                    |        | Tangerine     |
|                           | 1,000 gallons                          |        | 1,000 gallons |
| 1992 .....                | 208,662                                | 31,527 | 329           |
| 1993 .....                | 182,231                                | 26,485 | 529           |
| 1994 .....                | 216,502                                | 31,344 | 1,192         |
| 1995 .....                | 202,353                                | 26,930 | 1,102         |
| 1996 .....                | 241,800                                | 30,032 | 2,386         |
| 1997 .....                | 253,734                                | 24,223 | 1,461         |
| 1998 .....                | 158,884                                | 24,512 | 1,191         |
| 1999 .....                | 207,708                                | 28,642 | 1,646         |
| 2000 .....                | 235,933                                | 27,481 | 1,065         |
| 2001 .....                | 241,609                                | 27,552 | 1,853         |

<sup>1</sup> Net pack. <sup>2</sup> Frozen orange juice reported in 42.0° Brix; Grapefruit 40.0° Brix. Includes concentrated juice for manufacture.

ERS, Specialty Crops Branch, (202) 694–5260.

**Table 5-31.—Fresh citrus fruits: Foreign trade, United States, 1993–2002**

| Year <sup>1</sup> | Oranges            |                    | Grapefruit         |                    | Lemons             |                    | Limes              |                    | Tangerines         |                    |
|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                   | Imports            | Domestic exports   | Imports            | Domestic exports   | Imports            | Domestic exports   | Imports            | Domestic exports   | Imports            | Domestic exports   |
|                   | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| 1993 .....        | 16,321             | 543,320            | 14,549             | 461,579            | 8,429              | 124,414            | 113,936            | 2,579              | 10,401             | 11,914             |
| 1994 .....        | 17,585             | 580,755            | 13,676             | 481,743            | 12,319             | 126,121            | 142,990            | 3,421              | 4,254              | 12,546             |
| 1995 .....        | 23,394             | 513,629            | 14,797             | 497,339            | 11,042             | 132,269            | 130,072            | 3,363              | 3,786              | 17,178             |
| 1996 .....        | 29,654             | 590,428            | 12,807             | 484,403            | 21,736             | 120,279            | 147,064            | 3,517              | 3,877              | 15,285             |
| 1997 .....        | 39,961             | 242,677            | 5,171              | 387,215            | 22,132             | 113,392            | 164,577            | 3,886              | 3,712              | 13,282             |
| 1998 .....        | 101,923            | 262,467            | 15,521             | 428,784            | 22,991             | 113,931            | 151,931            | 3,921              | 2,576              | 11,543             |
| 1999 .....        | 48,885             | 511,852            | 5,768              | 390,958            | 25,160             | 106,249            | 179,394            | 3,752              | 5,674              | 10,983             |
| 2000 .....        | 52,785             | 570,162            | 19,409             | 389,629            | 34,127             | 110,373            | 182,412            | 3,846              | 4,117              | 11,786             |
| 2001 .....        | 56,789             | 499,989            | 27,328             | 396,400            | 36,351             | 99,906             | 174,953            | 3,659              | 4,324              | 12,678             |
| 2002 .....        | 55,590             | 637,869            | 17,781             | 350,913            | 27,901             | 99,575             | 251,973            | 2,234              | 4,545              | 14,409             |

<sup>1</sup> Year beginning October for all commodities.

ERS, Specialty Crops Branch, (202) 694–5260.

**Table 5-32.—Oranges, fresh:<sup>1</sup> United States exports by country of destination, 1999/2000–2001/2002**

| Country of destination             | Year beginning November |                    |                    |
|------------------------------------|-------------------------|--------------------|--------------------|
|                                    | 1999/2000               | 2000/2001          | 2001/2002          |
|                                    | <i>Metric tons</i>      | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Europe:</b>                     |                         |                    |                    |
| Belgium and Luxembourg .....       | 4                       | 45                 | 86                 |
| France .....                       | 0                       | 27                 | 0                  |
| Germany .....                      | 47                      | 49                 | 17                 |
| Netherlands .....                  | 889                     | 277                | 710                |
| Spain .....                        | 3                       | 0                  | 0                  |
| United Kingdom .....               | 216                     | 239                | 712                |
| <b>Total EU .....</b>              | <b>1,159</b>            | <b>637</b>         | <b>1,525</b>       |
| <b>Western and Eastern Europe:</b> |                         |                    |                    |
| Iceland .....                      | 102                     | 58                 | 0                  |
| Latvia .....                       | 53                      | 0                  | 0                  |
| Norway .....                       | 0                       | 2                  | 0                  |
| Russian Federation .....           | 109                     | 53                 | 19                 |
| Switzerland .....                  | 394                     | 16                 | 2                  |
| <b>Total .....</b>                 | <b>658</b>              | <b>129</b>         | <b>21</b>          |
| <b>South and Central America:</b>  |                         |                    |                    |
| Argentina .....                    | 35                      | 0                  | 0                  |
| Brazil .....                       | 16                      | 0                  | 106                |
| Chile .....                        | 617                     | 438                | 0                  |
| Colombia .....                     | 34                      | 52                 | 127                |
| Costa Rica .....                   | 0                       | 64                 | 87                 |
| Dominican Republic .....           | 0                       | 73                 | 0                  |
| Ecuador .....                      | 87                      | 124                | 36                 |
| El Salvador .....                  | 2                       | 6                  | 0                  |
| Guatemala .....                    | 56                      | 30                 | 8                  |
| Panama .....                       | 204                     | 99                 | 17                 |
| Peru .....                         | 106                     | 310                | 106                |
| <b>Total .....</b>                 | <b>1,157</b>            | <b>1,196</b>       | <b>487</b>         |
| <b>Caribbean:</b>                  |                         |                    |                    |
| Bahamas, The .....                 | 25                      | 159                | 257                |
| Barbados .....                     | 79                      | 42                 | 26                 |
| Jamaica .....                      | 17                      | 0                  | 0                  |
| Netherlands Antilles .....         | 1                       | 30                 | 6                  |
| <b>Total .....</b>                 | <b>122</b>              | <b>231</b>         | <b>289</b>         |
| <b>North America:</b>              |                         |                    |                    |
| Canada .....                       | 163,840                 | 159,335            | 153,082            |
| Mexico .....                       | 8,426                   | 11,457             | 14,567             |
| <b>Total .....</b>                 | <b>172,266</b>          | <b>170,792</b>     | <b>167,649</b>     |
| <b>Africa and Asia:</b>            |                         |                    |                    |
| Brunei .....                       | 10                      | 0                  | 33                 |
| Cambodia .....                     | 0                       | 22                 | 19                 |
| China, Peoples Republic of .....   | 10,842                  | 26,472             | 21,673             |
| Hong Kong .....                    | 88,419                  | 86,015             | 71,775             |
| India .....                        | 0                       | 20                 | 17                 |
| Indonesia .....                    | 1,941                   | 1,559              | 2,222              |
| Japan .....                        | 106,144                 | 113,684            | 88,311             |
| Kenya .....                        | 0                       | 17                 | 0                  |
| Korea, Republic of .....           | 68,320                  | 80,870             | 88,336             |
| Kuwait .....                       | 20                      | 0                  | 0                  |
| Malaysia .....                     | 16,345                  | 26,463             | 18,325             |
| Morocco .....                      | 15                      | 0                  | 0                  |
| Philippines .....                  | 3,070                   | 3,572              | 2,777              |
| Saudi Arabia .....                 | 0                       | 18                 | 31                 |
| Singapore .....                    | 17,096                  | 18,282             | 15,363             |
| Sri Lanka .....                    | 280                     | 265                | 91                 |
| Taiwan .....                       | 17,294                  | 19,644             | 8,975              |
| Thailand .....                     | 413                     | 253                | 253                |
| United Arab Emirates .....         | 101                     | 152                | 126                |
| Vietnam .....                      | 294                     | 601                | 434                |
| <b>Total .....</b>                 | <b>330,604</b>          | <b>377,909</b>     | <b>318,761</b>     |
| <b>Oceania:</b>                    |                         |                    |                    |
| Australia .....                    | 9,032                   | 9,176              | 7,667              |
| French Pacific Islands .....       | 53                      | 126                | 40                 |
| New Zealand .....                  | 3,624                   | 5,948              | 2,959              |
| <b>Total .....</b>                 | <b>12,709</b>           | <b>15,250</b>      | <b>10,666</b>      |
| Other countries .....              | 76                      | 195                | 403                |
| <b>World Total .....</b>           | <b>518,745</b>          | <b>566,338</b>     | <b>499,802</b>     |

<sup>1</sup> Includes Temple oranges.  
FAS, Horticultural and Tropical Products Division, (202) 720-3423. Compiled from reports of the U.S. Department of Commerce.

**Table 5-33.—Dates: Area, yield, total production, marketing year average price per ton, and value, California, 1994–2003**

| Year                    | Bearing acreage | Yield per acre | Production  | Price per ton  | Value                |
|-------------------------|-----------------|----------------|-------------|----------------|----------------------|
|                         | <i>Acres</i>    | <i>Tons</i>    | <i>Tons</i> | <i>Dollars</i> | <i>1,000 dollars</i> |
| 1994 .....              | 5,500           | 4.18           | 23,000      | 750            | 17,250               |
| 1995 .....              | 5,200           | 4.37           | 22,700      | 780            | 17,706               |
| 1996 .....              | 4,680           | 4.91           | 23,000      | 1,090          | 25,070               |
| 1997 .....              | 4,800           | 4.38           | 21,000      | 1,100          | 23,100               |
| 1998 .....              | 4,900           | 5.08           | 24,900      | 1,220          | 30,378               |
| 1999 .....              | 4,900           | 4.53           | 22,200      | 1,240          | 27,528               |
| 2000 .....              | 4,800           | 3.63           | 17,400      | 1,230          | 21,402               |
| 2001 .....              | 5,200           | 3.79           | 19,700      | 1,360          | 26,792               |
| 2002 .....              | 5,000           | 4.84           | 24,200      | 1,550          | 37,510               |
| 2003 <sup>1</sup> ..... | 4,800           | 4.04           | 19,400      | 1,430          | 27,742               |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 5-34.—Dates: Foreign trade, United States, 1993–2002**

| Year beginning October | Imports            |
|------------------------|--------------------|
|                        | <i>Metric tons</i> |
| 1993 .....             | 5,272              |
| 1994 .....             | 2,774              |
| 1995 .....             | 4,683              |
| 1996 .....             | 2,587              |
| 1997 .....             | 3,207              |
| 1998 .....             | 5,179              |
| 1999 .....             | 5,006              |
| 2000 .....             | 2,997              |
| 2001 .....             | 4,347              |
| 2002 .....             | 5,253              |

ERS, Specialty Crops Branch, (202) 694-5260.

**Table 5-35.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1994–2003<sup>1</sup>**

| Year                    | Area harvested | Yield per acre <sup>2</sup> | Total production <sup>3</sup> | Utilized production        | Price <sup>4</sup> | Value                | Quantities processed <sup>5</sup> |
|-------------------------|----------------|-----------------------------|-------------------------------|----------------------------|--------------------|----------------------|-----------------------------------|
|                         | <i>Acres</i>   | <i>Barrels<sup>6</sup></i>  | <i>Barrels<sup>6</sup></i>    | <i>Barrels<sup>6</sup></i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Barrels<sup>6</sup></i>        |
| 1994 .....              | 31,100         | 150.5                       | 4,682,000                     | 4,682,000                  | 49.30              | 230,795              | 4,415,000                         |
| 1995 .....              | 32,800         | 127.8                       | 4,193,000                     | 4,193,000                  | 53.40              | 223,938              | 3,858,000                         |
| 1996 .....              | 34,000         | 137.4                       | 4,671,000                     | 4,671,000                  | 65.90              | 307,827              | 4,330,000                         |
| 1997 .....              | 35,700         | 154.0                       | 5,497,000                     | 5,497,000                  | 63.70              | 350,147              | 5,072,000                         |
| 1998 .....              | 36,600         | 148.7                       | 5,444,000                     | 5,444,000                  | 36.60              | 199,113              | 5,157,000                         |
| 1999 .....              | 37,500         | 168.9                       | 6,334,000                     | 6,334,000                  | 17.20              | 108,773              | 5,977,000                         |
| 2000 .....              | 36,600         | 156.1                       | 5,712,000                     | 5,579,000                  | 18.10              | 100,851              | 5,137,000                         |
| 2001 .....              | 34,200         | 155.8                       | 5,329,000                     | 4,783,000                  | 23.80              | 113,646              | 4,357,000                         |
| 2002 .....              | 37,900         | 150.0                       | 5,684,000                     | 5,677,000                  | 30.20              | 171,303              | 5,307,000                         |
| 2003 <sup>7</sup> ..... | 39,400         | 155.1                       | 6,110,000                     | 6,110,000                  | 31.80              | 194,004              | 5,776,000                         |

<sup>1</sup> Estimates relate to MA, NJ, OR, WA, and WI. <sup>2</sup> Derived from total production. <sup>3</sup> Differences between utilized and total production are quantities unharvested for economic reasons or excess cullage and/or set-aside production under provisions of the Cranberry Marketing Order. <sup>4</sup> Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production. <sup>5</sup> Mainly for canning. <sup>6</sup> Barrels of 100 pounds. <sup>7</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.



**Table 5-36.—Cranberries: Area, yield, production, and season average price per barrel, by States, 2001–2003**

| State  | Area harvested |              |                   | Yield per acre          |                         |                         | Total production        |                         |                         | Price per barrel <sup>2</sup> |                 |                   |
|--------|----------------|--------------|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------------|-----------------|-------------------|
|        | 2001           | 2002         | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       | 2001                    | 2002                    | 2003 <sup>1</sup>       | 2001                          | 2002            | 2003 <sup>1</sup> |
|        | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Bbl.<sup>3</sup></i> | <i>Bbl.<sup>3</sup></i> | <i>Bbl.<sup>3</sup></i> | <i>Bbl.<sup>3</sup></i> | <i>Bbl.<sup>3</sup></i> | <i>Bbl.<sup>3</sup></i> | <i>Dol-lars</i>               | <i>Dol-lars</i> | <i>Dollars</i>    |
| MA ..  | 12,000         | 14,500       | 14,400            | 118.0                   | 100.1                   | 97.2                    | 1,416,000               | 1,452,000               | 1,400,000               | 24.00                         | 31.00           | 32.10             |
| NJ ... | 3,100          | 3,100        | 3,200             | 182.6                   | 138.7                   | 150.0                   | 566,000                 | 430,000                 | 480,000                 | 23.10                         | 29.00           | 29.60             |
| OR ..  | 2,400          | 2,800        | 2,800             | 152.1                   | 154.3                   | 169.6                   | 365,000                 | 432,000                 | 475,000                 | 22.50                         | 30.40           | 32.30             |
| WA     | 1,600          | 1,600        | 1,600             | 88.8                    | 101.3                   | 115.6                   | 142,000                 | 162,000                 | 185,000                 | 28.20                         | 33.80           | 33.50             |
| WI ... | 15,100         | 15,900       | 17,400            | 188.1                   | 201.8                   | 205.2                   | 2,840,000               | 3,208,000               | 3,570,000               | 23.70                         | 29.70           | 31.70             |
| US ..  | 34,200         | 37,900       | 39,400            | 155.8                   | 150.0                   | 155.1                   | 5,329,000               | 5,684,000               | 6,110,000               | 23.80                         | 30.20           | 31.80             |

<sup>1</sup> Preliminary. <sup>2</sup> Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production. <sup>3</sup> Barrels of 100 pounds.

NASS, Crops Branch, (202) 720-2127.

**Table 5-37.—Figs: Total production, marketing year average price per ton, and value, California, 1994–2003**

| Year                    | Dried (dry basis) |                   |             |                | Total                                 |                |                      |
|-------------------------|-------------------|-------------------|-------------|----------------|---------------------------------------|----------------|----------------------|
|                         | Production        |                   |             | Price per ton  | Production (fresh basis) <sup>1</sup> | Price per ton  | Value                |
|                         | Total             | Standard          | Substandard |                |                                       |                |                      |
|                         | <i>Tons</i>       | <i>1,000 tons</i> | <i>Tons</i> | <i>Dollars</i> | <i>Tons</i>                           | <i>Dollars</i> | <i>1,000 dollars</i> |
| 1994 .....              | 18,200            | 17,000            | 1,200       | 1,198          | 56,700                                | 419            | 23,768               |
| 1995 .....              | 16,800            | 15,200            | 1,600       | 895            | 52,400                                | 314            | 16,429               |
| 1996 .....              | 14,500            | 13,100            | 1,400       | 774            | 45,500                                | 283            | 12,894               |
| 1997 .....              | 18,500            | 15,900            | 2,600       | 699            | 57,500                                | 265            | 15,209               |
| 1998 .....              | 16,500            | 13,300            | 3,200       | 594            | 51,300                                | 226            | 11,611               |
| 1999 .....              | 15,100            | 13,800            | 1,300       | 681            | 47,300                                | 268            | 12,685               |
| 2000 .....              | 17,300            | 15,400            | 1,900       | 672            | 55,900                                | 272            | 15,226               |
| 2001 .....              | 13,000            | 11,700            | 1,300       | .....          | 41,000                                | 366            | 15,012               |
| 2002 .....              | 16,900            | 15,000            | 1,900       | .....          | 53,200                                | 329            | 17,526               |
| 2003 <sup>2</sup> ..... | 14,500            | 12,900            | 1,600       | .....          | 46,500                                | 475            | 22,076               |

<sup>1</sup> Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-38.—Figs, dried: Foreign trade, United States, 1993–2002**

| Year beginning October | Imports for consumption | Domestic exports   |
|------------------------|-------------------------|--------------------|
|                        | <i>Metric tons</i>      | <i>Metric tons</i> |
| 1993 .....             | 10,990                  | 3,035              |
| 1994 .....             | 11,653                  | 5,927              |
| 1995 .....             | 4,834                   | 4,850              |
| 1996 .....             | 3,780                   | 2,027              |
| 1997 .....             | 4,414                   | 1,824              |
| 1998 .....             | 3,425                   | 2,010              |
| 1999 .....             | 3,900                   | 2,763              |
| 2000 .....             | 3,070                   | 2,506              |
| 2001 .....             | 6,788                   | 2,399              |
| 2002 .....             | 7,629                   | 2,962              |

ERS, Specialty Crops Branch, (202) 694-5260.

**Table 5-39.—Ginger Root: Area, yield, production, marketing year average price, and value, Hawaii, 1993/94–2002/2003**

| Year        | Area harvested | Yield per acre      | Total production    | Price per pound <sup>1</sup> | Value <sup>1</sup>   |
|-------------|----------------|---------------------|---------------------|------------------------------|----------------------|
|             | <i>Acres</i>   | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>Cents</i>                 | <i>1,000 dollars</i> |
| 1993–94 ... | 150            | 40.0                | 6,000               | 87.0                         | 5,220                |
| 1994–95 ... | 135            | 43.0                | 5,800               | 87.0                         | 5,046                |
| 1995–96 ... | 200            | 47.0                | 9,400               | 75.0                         | 7,050                |
| 1996–97 ... | 275            | 44.0                | 12,100              | 67.0                         | 8,107                |
| 1997–98 ... | 360            | 50.0                | 18,000              | 40.0                         | 7,200                |
| 1998–99 ... | 350            | 46.0                | 16,100              | 50.0                         | 8,050                |
| 1999–2000   | 270            | 50.0                | 13,500              | 66.0                         | 8,910                |
| 2000–2001   | 360            | 50.0                | 18,000              | 45.0                         | 8,100                |
| 2001–2002   | 320            | 45.0                | 14,400              | 30.0                         | 4,320                |
| 2002–2003   | 160            | 37.5                | 6,000               | 60.0                         | 3,600                |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720-2127.

**Table 5-40.—Grapes: Production, price, and value, United States, 1994–2003**

| Year                    | Grapes                   |                   |  |                      |
|-------------------------|--------------------------|-------------------|--|----------------------|
|                         | Production (fresh basis) |                   | Market year average price per ton <sup>1</sup> | Value                |
|                         | Total                    | Utilized          |  |                      |
|                         | <i>1,000 tons</i>        | <i>1,000 tons</i> | <i>Dollars</i>                                 | <i>1,000 dollars</i> |
| 1994 .....              | 5,873,400                | 5,869,000         | 321.00   | 1,882,591            |
| 1995 .....              | 5,921,900                | 5,912,350         | 346.00   | 2,046,737            |
| 1996 .....              | 5,553,600                | 5,537,325         | 429.00   | 2,376,111            |
| 1997 .....              | 7,290,900                | 7,287,365         | 429.00   | 3,126,433            |
| 1998 .....              | 5,819,950                | 5,816,405         | 454.00   | 2,640,470            |
| 1999 .....              | 6,236,260                | 6,234,730         | 469.00   | 2,926,910            |
| 2000 .....              | 7,687,970                | 7,687,330         | 403.00   | 3,099,127            |
| 2001 .....              | 6,569,600                | 6,568,400         | 449.00   | 2,948,028            |
| 2002 .....              | 7,339,000                | 7,336,860         | 387.00   | 2,841,993            |
| 2003 <sup>2</sup> ..... | 6,447,900                | 6,323,700         | 401.00   | 2,534,264            |

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for California and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-41.—Grapes: Production and marketing year average price per ton, by States, 2001–2003**

| State                              | Total production |             |                   | Utilized production |             |                   | Price per ton <sup>1</sup> |                |                   |
|------------------------------------|------------------|-------------|-------------------|---------------------|-------------|-------------------|----------------------------|----------------|-------------------|
|                                    | 2001             | 2002        | 2003 <sup>2</sup> | 2001                | 2002        | 2003 <sup>2</sup> | 2001                       | 2002           | 2003 <sup>2</sup> |
|                                    | <i>Tons</i>      | <i>Tons</i> | <i>Tons</i>       | <i>Tons</i>         | <i>Tons</i> | <i>Tons</i>       | <i>Dollars</i>             | <i>Dollars</i> | <i>Dollars</i>    |
| AZ .....                           | 15,500           | 8,400       | 8,000             | 15,500              | 8,400       | 8,000             | 576.00                     | 947.00         | 1,030.00          |
| AR .....                           | 2,700            | 5,600       | 3,000             | 2,500               | 5,400       | 2,900             | 541.00                     | 462.00         | 521.00            |
| CA:                                |                  |             |                   |                     |             |                   |                            |                |                   |
| All types .....                    | 5,979,000        | 6,696,000   | 5,690,000         | 5,979,000           | 6,696,000   | 5,615,000         | 446.00                     | 383.00         | 402.00            |
| Wine .....                         | 3,051,000        | 3,149,000   | 2,900,000         | 3,051,000           | 3,149,000   | 2,900,000         | 597.00                     | 535.00         | 517.00            |
| Table varieties <sup>3</sup> ..... | 713,000          | 743,000     | 690,000           | 713,000             | 743,000     | 636,000           | 610.00                     | 616.00         | 619.00            |
| Raisin <sup>3</sup> .....          | 2,215,000        | 2,804,000   | 2,100,000         | 2,215,000           | 2,804,000   | 2,079,000         | 186.00                     | 152.00         | 176.00            |
| GA .....                           | 3,200            | 2,800       | 3,100             | 3,200               | 2,760       | 2,800             | 1,050.00                   | 1,060.00       | 978.00            |
| MI .....                           | 28,900           | 42,700      | 94,500            | 28,500              | 42,500      | 80,500            | 355.00                     | 347.00         | 291.00            |
| MO .....                           | 2,300            | 2,900       | 2,800             | 2,300               | 2,900       | 2,800             | 630.00                     | 615.00         | 608.00            |
| NY .....                           | 149,000          | 156,000     | 202,000           | 149,000             | 155,000     | 156,000           | 320.00                     | 307.00         | 247.00            |
| NC .....                           | 2,000            | 2,300       | 2,800             | 2,000               | 2,300       | 2,800             | 1,270.00                   | 1,280.00       | 1,180.00          |
| OH .....                           | 6,000            | 5,800       | 8,100             | 6,000               | 5,800       | 7,000             | 374.00                     | 407.00         | 399.00            |
| OR .....                           | 22,800           | 22,000      | 24,000            | 22,800              | 22,000      | 24,000            | 1,480.00                   | 1,470.00       | 1,460.00          |
| PA .....                           | 61,500           | 53,200      | 85,000            | 61,500              | 53,200      | 68,000            | 304.00                     | 294.00         | 262.00            |
| TX .....                           | 9,500            | 4,700       | 6,000             | 9,300               | 4,400       | 5,800             | 900.00                     | 910.00         | 900.00            |
| VA .....                           | 4,200            | 4,600       | 4,600             | 3,800               | 4,200       | 4,100             | 1,260.00                   | 1,350.00       | 1,350.00          |
| WA:                                |                  |             |                   |                     |             |                   |                            |                |                   |
| All types .....                    | 283,000          | 332,000     | 344,000           | 283,000             | 332,000     | 344,000           | 488.00                     | 405.00         | 381.00            |
| Wine .....                         | 100,000          | 115,000     | 112,000           | 100,000             | 115,000     | 112,000           | 897.00                     | 878.00         | 920.00            |
| Juice .....                        | 183,000          | 217,000     | 232,000           | 183,000             | 217,000     | 232,000           | 265.00                     | 155.00         | 121.00            |
| US .....                           | 6,569,600        | 7,339,000   | 6,477,900         | 6,568,400           | 7,336,860   | 6,323,700         | 449.00                     | 387.00         | 401.00            |

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for CA and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>2</sup> Preliminary. <sup>3</sup> Fresh equivalent of dried and not dried.

NASS, Crops Branch, (202) 720-2127.

**Table 5-42.—Grapes: Production and utilization, United States, 1994–2003**

| Crop of—                | Total production <sup>1</sup> | Utilized production | Utilization of quantities sold |             |                     |                  |                                      |
|-------------------------|-------------------------------|---------------------|--------------------------------|-------------|---------------------|------------------|--------------------------------------|
|                         |                               |                     | Fresh                          | Processed   |                     |                  |                                      |
|                         |                               |                     |                                | Canned      | Dried (fresh basis) | Crushed for wine | Crushed for juice, etc. <sup>2</sup> |
| <i>Tons</i>             | <i>Tons</i>                   | <i>Tons</i>         | <i>Tons</i>                    | <i>Tons</i> | <i>Tons</i>         | <i>Tons</i>      |                                      |
| 1994 .....              | 5,873,400                     | 5,869,300           | 808,550                        | 38,000      | 1,906,300           | 2,695,330        | 420,820                              |
| 1995 .....              | 5,921,900                     | 5,912,350           | 852,600                        | 35,000      | 1,552,500           | 2,973,640        | 498,610                              |
| 1996 .....              | 5,553,600                     | 5,537,325           | 767,025                        | 36,000      | 1,329,000           | 3,042,850        | 362,450                              |
| 1997 .....              | 7,290,900                     | 7,287,365           | 937,115                        | 44,000      | 1,806,500           | 4,034,400        | 465,350                              |
| 1998 .....              | 5,819,950                     | 5,816,405           | 780,795                        | 36,000      | 1,331,600           | 3,314,760        | 353,250                              |
| 1999 .....              | 6,236,260                     | 6,234,730           | 887,221                        | 35,000      | 1,459,900           | 3,350,559        | 502,050                              |
| 2000 .....              | 7,687,970                     | 7,687,330           | 906,825                        | 32,000      | 2,194,600           | 4,129,655        | 424,250                              |
| 2001 .....              | 6,569,600                     | 6,568,400           | 864,400                        | 29,000      | 1,736,800           | 3,568,350        | 369,850                              |
| 2002 .....              | 7,339,000                     | 7,336,860           | 982,440                        | 31,000      | 1,907,000           | 3,998,620        | 417,800                              |
| 2003 <sup>3</sup> ..... | 6,477,900                     | 6,323,700           | 822,650                        | 27,000      | 1,564,000           | 3,461,250        | 448,800                              |

<sup>1</sup>Total production includes utilized production plus production not harvested and harvested not sold: 1994—4,100 tons fresh equivalent; 1995—9,550 tons fresh equivalent; 1996—16,275 tons fresh equivalent; 1997—3,535 tons fresh equivalent; 1998—3,545 tons fresh equivalent; 1999—1,530 tons fresh equivalent; 2000—640 tons fresh equivalent; 2001—1,200 tons fresh equivalent; 2002—2,140 tons fresh equivalent; and 2003—154,200 tons fresh equivalent. <sup>2</sup>Mostly juice, but includes some quantities used for jam, jelly, etc. <sup>3</sup>Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-43.—Grapes: Production and utilization, by States, crop of 2003 (preliminary)**

| State              | Total production | Utilized production | Utilization |             |                                  |              |         |
|--------------------|------------------|---------------------|-------------|-------------|----------------------------------|--------------|---------|
|                    |                  |                     | Fresh       | Processed   |                                  |              |         |
|                    |                  |                     |             | Canned      | Dried (fresh basis) <sup>1</sup> | Crushed for— |         |
| <i>Tons</i>        | <i>Tons</i>      | <i>Tons</i>         | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>                      | <i>Tons</i>  |         |
| AZ .....           | 8,000            | 8,000               | .....       | .....       | .....                            | .....        | .....   |
| AR .....           | 3,000            | 2,900               | .....       | .....       | .....                            | .....        | .....   |
| CA:                |                  |                     |             |             |                                  |              |         |
| All types .....    | 5,690,000        | 5,615,000           | 809,000     | .....       | 1,564,000                        | 3,215,000    | .....   |
| Wine .....         | 2,900,000        | 2,900,000           | 45,000      | .....       | .....                            | 2,855,000    | .....   |
| Table .....        | 690,000          | 636,000             | 559,000     | .....       | 17,000                           | 60,000       | .....   |
| Raisin .....       | 2,100,000        | 2,079,000           | 205,000     | 27,000      | 1,547,000                        | 300,000      | .....   |
| GA .....           | 3,100            | 2,800               | .....       | .....       | .....                            | .....        | .....   |
| MI .....           | 94,500           | 80,500              | 500         | .....       | .....                            | 2,000        | 78,000  |
| MO .....           | 2,800            | 2,800               | 150         | .....       | .....                            | 2,350        | .....   |
| NY .....           | 202,000          | 156,000             | 3,000       | .....       | .....                            | 63,000       | 90,000  |
| NC .....           | 2,800            | 2,800               | 300         | .....       | .....                            | 2,500        | .....   |
| OH .....           | 8,100            | 7,000               | 100         | .....       | .....                            | 1,500        | 5,400   |
| OR .....           | 24,000           | 24,000              | .....       | .....       | .....                            | 24,000       | .....   |
| PA .....           | 85,000           | 68,000              | 1,000       | .....       | .....                            | 25,000       | 42,000  |
| TX .....           | 6,000            | 5,800               | .....       | .....       | .....                            | 5,800        | .....   |
| VA .....           | 4,600            | 4,100               | .....       | .....       | .....                            | 4,100        | .....   |
| WA:                |                  |                     |             |             |                                  |              |         |
| All types .....    | 344,000          | 344,000             | .....       | .....       | .....                            | 112,000      | 232,000 |
| Wine .....         | 112,000          | 112,000             | .....       | .....       | .....                            | .....        | .....   |
| Juice .....        | 232,000          | 232,000             | .....       | .....       | .....                            | .....        | .....   |
| Other States ..... | .....            | .....               | 8,600       | .....       | .....                            | 4,000        | 1,400   |
| US .....           | 6,477,900        | 6,323,700           | 822,650     | 27,000      | 1,564,000                        | 3,461,250    | 448,800 |

<sup>1</sup>Equivalent raisins produced (dried basis): 340,000 tons. <sup>2</sup>Mostly juice, but includes some quantities used for jam, jelly, etc.

NASS, Crops Branch, (202) 720-2127.

**Table 5-44.—Raisins and currants: United States exports by country of destination, 2000/2001–2002/2003**

| Country of destination   | Year beginning August |                    |                    |
|--------------------------|-----------------------|--------------------|--------------------|
|                          | 2000/2001             | 2001/2002          | 2002/2003          |
|                          | <i>Metric tons</i>    | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>North America:</b>    |                       |                    |                    |
| Canada .....             | 11,792.9              | 12,382.9           | 13,305.9           |
| Mexico .....             | 629.5                 | 448.6              | 1,261.9            |
| <b>Total .....</b>       | <b>12,422.4</b>       | <b>12,831.5</b>    | <b>14,567.8</b>    |
| <b>European Union:</b>   |                       |                    |                    |
| Sweden .....             | 4,805.1               | 4,388.6            | 3,747.1            |
| Finland .....            | 1,614.2               | 1,968.9            | 1,964.9            |
| Denmark .....            | 3,852.0               | 3,179.8            | 3,298.1            |
| United Kingdom .....     | 24,048.3              | 23,694.2           | 22,787.8           |
| Netherlands .....        | 5,551.2               | 4,281.5            | 3,391.2            |
| France .....             | 274.8                 | 455.7              | 1,121.8            |
| Germany .....            | 7,113.3               | 6,560.0            | 7,389.3            |
| Spain .....              | 504.6                 | 842.5              | 716.2              |
| Belgium-Lux. ....        | 888.7                 | 1,038.2            | 1,123.0            |
| Other .....              | 507.5                 | 331.7              | 423.2              |
| <b>Total .....</b>       | <b>49,159.7</b>       | <b>46,741.1</b>    | <b>45,962.6</b>    |
| <b>Asia:</b>             |                       |                    |                    |
| Singapore .....          | 2,025.3               | 1,663.5            | 1,892.8            |
| Malaysia .....           | 889.4                 | 1,795.9            | 1,984.5            |
| Korea, Republic of ..... | 2,303.6               | 2,716.3            | 2,691.4            |
| Hong Kong .....          | 2,436.4               | 2,736.4            | 1,589.6            |
| Taiwan .....             | 3,853.6               | 3,908.0            | 4,324.4            |
| Japan .....              | 22,925.1              | 23,344.0           | 20,374.9           |
| China .....              | 263.1                 | 1,034.6            | 4,133.8            |
| <b>Total .....</b>       | <b>34,696.5</b>       | <b>37,198.7</b>    | <b>36,991.4</b>    |
| <b>Other countries:</b>  |                       |                    |                    |
| New Zealand .....        | 1,300.0               | 1,031.4            | 1,008.2            |
| Norway .....             | 2,383.7               | 2,113.0            | 2,121.6            |
| Philippines .....        | 1,136.5               | 1,320.8            | 1,306.4            |
| Israel .....             | 1,011.3               | 1,344.9            | 1,702.0            |
| All Others .....         | 6,957.8               | 10,826.5           | 12,202.9           |
| <b>Total .....</b>       | <b>12,789.3</b>       | <b>16,636.6</b>    | <b>18,421.1</b>    |
| <b>Grand total .....</b> | <b>109,067.9</b>      | <b>113,407.9</b>   | <b>115,862.9</b>   |

FAS, Horticultural and Tropical Products Division, (202) 720-3423. Compiled from reports of the U.S. Department of Commerce.

**Table 5-45.—Grapes and raisins: Foreign trade, United States 1993–2002**

| Year beginning October | Grapes             |                         | Raisins <sup>1</sup>    |                    |
|------------------------|--------------------|-------------------------|-------------------------|--------------------|
|                        | Imports, fresh     | Domestic exports, fresh | Imports for consumption | Domestic exports   |
|                        | <i>Metric tons</i> | <i>Metric tons</i>      | <i>Metric tons</i>      | <i>Metric tons</i> |
| 1993 .....             | 311,027            | 215,505                 | 7,039                   | 132,527            |
| 1994 .....             | 363,687            | 204,784                 | 12,025                  | 131,758            |
| 1995 .....             | 341,098            | 240,097                 | 13,528                  | 128,457            |
| 1996 .....             | 351,567            | 233,558                 | 12,319                  | 124,432            |
| 1997 .....             | 419,956            | 214,569                 | 11,793                  | 130,400            |
| 1998 .....             | 387,022            | 221,158                 | 28,328                  | 112,563            |
| 1999 .....             | 452,119            | 272,901                 | 18,283                  | 90,539             |
| 2000 .....             | 418,149            | 303,396                 | 12,571                  | 118,838            |
| 2001 .....             | 501,055            | 293,745                 | 16,421                  | 125,319            |
| 2002 .....             | 564,512            | 307,535                 | 15,415                  | 121,438            |

<sup>1</sup> Raisins converted to sweatbox or production basis by multiplying by 1.08.  
ERS, Specialty Crops Branch, (202) 694-5260.

**Table 5-46.—Guavas: Area, yield, utilized production, marketing year average price, and value, Hawaii, 1994–2003**

| Year       | Area harvested | Yield per acre      | Production          | Price per pound | Value                |
|------------|----------------|---------------------|---------------------|-----------------|----------------------|
|            | <i>Acres</i>   | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>Cents</i>    | <i>1,000 dollars</i> |
| 1994 ..... | 740            | 23.9                | 17,700              | 13.5            | 2,390                |
| 1995 ..... | 750            | 21.9                | 16,400              | 13.8            | 2,263                |
| 1996 ..... | 750            | 21.7                | 16,300              | 13.8            | 2,249                |
| 1997 ..... | 730            | 21.8                | 15,900              | 12.2            | 1,940                |
| 1998 ..... | 710            | 20.6                | 14,600              | 12.2            | 1,781                |
| 1999 ..... | 630            | 17.0                | 10,700              | 12.0            | 1,284                |
| 2000 ..... | 680            | 23.4                | 15,900              | 12.9            | 2,051                |
| 2001 ..... | 610            | 25.1                | 15,300              | 14.1            | 2,157                |
| 2002 ..... | 550            | 17.6                | 9,700               | 15.0            | 1,455                |
| 2003 ..... | NA             | NA                  | NA                  | NA              | NA                   |

NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 5-47.—Nectarines: Production, utilization, and value, California, 1994–2003**

| Crop of—                | Production  | Utilization        |                         | Marketing year average price per ton <sup>2</sup> | Value                |
|-------------------------|-------------|--------------------|-------------------------|---|----------------------|
|                         |             | Fresh <sup>1</sup> | Processed (fresh basis) |   |                      |
|                         | <i>Tons</i> | <i>Tons</i>        | <i>Tons</i>             | <i>Dollars</i>                                    | <i>1,000 dollars</i> |
| 1994 .....              | 242,000     | 238,000            | 4,000                   | 282.00  | 68,168               |
| 1995 .....              | 176,000     | 170,000            | 6,000                   | 534.00  | 93,990               |
| 1996 .....              | 247,000     | 239,800            | 7,200                   | 474.00  | 116,977              |
| 1997 .....              | 264,000     | 258,500            | 5,500                   | 375.00  | 98,895               |
| 1998 .....              | 224,000     | 207,600            | 16,400                  | 471.00  | 105,466              |
| 1999 .....              | 274,000     | 256,300            | 17,700                  | 411.00  | 112,497              |
| 2000 .....              | 267,000     | 260,700            | 6,300                   | 398.00  | 106,256              |
| 2001 .....              | 275,000     | 265,400            | 9,600                   | 464.00  | 127,642              |
| 2002 .....              | 300,000     | 300,000            | 0                       | 382.00  | 114,600              |
| 2003 <sup>3</sup> ..... | 278,000     | 278,000            | 0                       | 436.00  | 121,208              |

<sup>1</sup> Includes "Home use." <sup>2</sup> Processing fruit prices are equivalent returns at processing plant door. <sup>3</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-48.—Olives: Total production, marketing year average price, value, and processed utilization, California, 1994–2003**

| Year                    | Production  | Marketing year average price per ton | Value                | Processed utilization |             |             |             |
|-------------------------|-------------|--------------------------------------|----------------------|-----------------------|-------------|-------------|-------------|
|                         |             |                                      |                      | Crushed for oil       | Canned      | Limited     | Undersized  |
|                         | <i>Tons</i> | <i>Dollars</i>                       | <i>1,000 dollars</i> | <i>Tons</i>           | <i>Tons</i> | <i>Tons</i> | <i>Tons</i> |
| 1994 .....              | 84,000      | 464                                  | 38,994               | 4,400                 | 66,500      | 8,400       | 4,200       |
| 1995 .....              | 77,500      | 646                                  | 50,069               | 4,000                 | 58,500      | 9,300       | 5,200       |
| 1996 .....              | 166,000     | 617                                  | 102,364              | 7,000                 | 123,000     | 29,000      | 6,500       |
| 1997 .....              | 104,000     | 642                                  | 66,801               | 3,600                 | 82,200      | 10,200      | 7,500       |
| 1998 .....              | 90,000      | 459                                  | 41,331               | 4,100                 | 64,200      | 12,800      | 8,400       |
| 1999 .....              | 142,000     | 387                                  | 55,011               | 5,000                 | 86,000      | 36,500      | 14,000      |
| 2000 .....              | 53,000      | 656                                  | 34,743               | 3,000                 | 41,400      | 5,100       | 3,000       |
| 2001 .....              | 134,000     | 672                                  | 90,096               | 3,000                 | 109,700     | 15,300      | 5,500       |
| 2002 .....              | 103,000     | 573                                  | 58,983               | 6,000                 | 82,800      | 9,900       | 3,800       |
| 2003 <sup>1</sup> ..... | 118,000     | 426                                  | 50,305               | 7,500                 | 96,000      | 10,500      | 3,500       |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-49.—Olives and olive oil: Foreign trade, United States, 1993–2002**

| Year beginning October | Imports            |                    |                    |                    |
|------------------------|--------------------|--------------------|--------------------|--------------------|
|                        | Olives             |                    | Olive oil          |                    |
|                        | In brine           | Dried              | Edible             | Inedible           |
|                        | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| 1993 .....             | 64,626             | 572                | 123,934            | 0                  |
| 1994 .....             | 61,217             | 1,427              | 127,646            | 0                  |
| 1995 .....             | 66,725             | 675                | 113,589            | 126                |
| 1996 .....             | 74,759             | 448                | 148,052            | 43                 |
| 1997 .....             | 82,513             | 555                | 161,013            | 0                  |
| 1998 .....             | 87,594             | 612                | 170,087            | 1                  |
| 1999 .....             | 89,920             | 442                | 189,302            | 0                  |
| 2000 .....             | 102,652            | 497                | 212,341            | 0                  |
| 2001 .....             | 105,076            | 470                | 217,649            | 276                |
| 2002 .....             | 111,925            | 576                | 219,916            | 97                 |

ERS, Specialty Crops Branch, (202) 694-5260.

**Table 5-50.—Peaches: Production and value, United States, 1994–2003**

| Year                    | Total production      | Utilized production   | Marketing year average price <sup>1</sup> | Value                |
|-------------------------|-----------------------|-----------------------|---|----------------------|
|                         | <i>Million pounds</i> | <i>Million pounds</i> | <i>Cents per pound</i>                    | <i>1,000 dollars</i> |
| 1994 .....              | 2,509.0               | 2,354.0               | 13.3                                      | 313,253              |
| 1995 .....              | 2,289.5               | 2,179.1               | 18.4                                      | 401,393              |
| 1996 .....              | 2,104.6               | 2,043.8               | 19.1                                      | 389,894              |
| 1997 .....              | 2,624.6               | 2,508.4               | 17.7                                      | 444,137              |
| 1998 .....              | 2,400.7               | 2,325.6               | 19.2                                      | 446,534              |
| 1999 .....              | 2,525.6               | 2,433.4               | 19.0                                      | 462,836              |
| 2000 .....              | 2,579.9               | 2,488.8               | 19.4                                      | 481,716              |
| 2001 .....              | 2,433.3               | 2,334.9               | 21.1                                      | 493,298              |
| 2002 .....              | 2,574.9               | 2,471.5               | 20.4                                      | 503,827              |
| 2003 <sup>2</sup> ..... | 2,523.1               | 2,413.8               | 19.3                                      | 466,681              |

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for CA and WA except equivalent returns for bulk fruit at the first delivery point for CA Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-51.—Peaches: Foreign trade, United States, 1993–2002**

| Year beginning October | Domestic exports   |                    |                                     |                                      |                                       |
|------------------------|--------------------|--------------------|-------------------------------------|--------------------------------------|---------------------------------------|
|                        | Fresh              | Canned             | Canned, in fruit salad <sup>2</sup> | Dried, in fruit salad <sup>1,3</sup> | Total, in terms of fresh <sup>4</sup> |
|                        | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>                  | <i>Metric tons</i>                   | <i>Metric tons</i>                    |
| 1993 .....             | 83,309             | 18,171             | 10,402                              | 831                                  | 116,499                               |
| 1994 .....             | 68,237             | 20,915             | 11,291                              | 968                                  | 105,821                               |
| 1995 .....             | 74,822             | 17,777             | 10,696                              | 884                                  | 108,206                               |
| 1996 .....             | 103,345            | 16,873             | 8,990                               | 675                                  | 132,958                               |
| 1997 .....             | 80,023             | 21,533             | 9,184                               | 723                                  | 114,757                               |
| 1998 .....             | 97,975             | 27,376             | 10,233                              | 579                                  | 138,801                               |
| 1999 .....             | 113,098            | 16,875             | 7,869                               | 299                                  | 139,503                               |
| 2000 .....             | 129,292            | 13,008             | 4,677                               | 532                                  | 149,933                               |
| 2001 .....             | 127,434            | 10,922             | 3,885                               | 344                                  | 144,152                               |
| 2002 .....             | 120,727            | 29,841             | 3,479                               | 685                                  | 157,853                               |

<sup>1</sup> Net processed weight. <sup>2</sup> Canned peaches are 40 percent of total canned fruit for salad. <sup>3</sup> Dried peaches are 21 percent of total dried fruit for salad. <sup>4</sup> Dried fruit converted to unprocessed dry weight by dividing by 1.08. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh.

ERS, Specialty Crops Branch, (202) 694-5260.

**Table 5-52.—Peaches: Production and utilization, United States, 1994–2003**

| Crop of—                | Total production <sup>1</sup> | Utilized production   | Utilization of quantities sold |                         |                       |                       |                       |
|-------------------------|-------------------------------|-----------------------|--------------------------------|-------------------------|-----------------------|-----------------------|-----------------------|
|                         |                               |                       | Fresh <sup>2</sup>             | Processed (fresh basis) |                       |                       |                       |
|                         |                               |                       |                                | Canned                  | Dried                 | Frozen                | Other <sup>3</sup>    |
|                         | <i>Million pounds</i>         | <i>Million pounds</i> | <i>Million pounds</i>          | <i>Million pounds</i>   | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> |
| 1994 .....              | 2,509.0                       | 2,354.0               | 1,038.9                        | 1,044.5                 | 27.0                  | 157.8                 | 85.8                  |
| 1995 .....              | 2,289.5                       | 2,179.1               | 1,125.0                        | 813.5                   | 28.0                  | 150.9                 | 61.7                  |
| 1996 .....              | 2,104.6                       | 2,043.8               | 769.8                          | 994.3                   | 32.7                  | 183.2                 | 63.8                  |
| 1997 .....              | 2,624.6                       | 2,508.4               | 1,126.8                        | 1,107.8                 | 34.1                  | 201.0                 | 38.7                  |
| 1998 .....              | 2,400.7                       | 2,325.6               | 1,000.5                        | 985.2                   | 25.0                  | 185.8                 | 129.1                 |
| 1999 .....              | 2,525.6                       | 2,433.4               | 1,100.3                        | 996.0                   | 31.4                  | 204.1                 | 101.6                 |
| 2000 .....              | 2,579.9                       | 2,488.8               | 1,161.1                        | 1,026.8                 | 25.2                  | 219.5                 | 56.2                  |
| 2001 .....              | 2,433.3                       | 2,334.9               | 1,154.0                        | 906.7                   | 29.2                  | 200.7                 | 44.3                  |
| 2002 .....              | 2,574.9                       | 2,471.5               | 1,110.2                        | 1,061.4                 | 28.4                  | 204.3                 | 67.2                  |
| 2003 <sup>4</sup> ..... | 2,523.1                       | 2,413.8               | 1,088.8                        | 997.2                   | 20.3                  | 222.9                 | 84.6                  |

<sup>1</sup> Includes harvested not sold and unharvested production for California Clingstone peaches. <sup>2</sup> Includes "Home use." <sup>3</sup> Used for jams, preserves, pickles, wine, brandy, baby food, etc. Includes small quantities frozen for some years. <sup>4</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-53.—Peaches: Production and season average price per pound, 2001–2003**

| State             | Total production |                |                   | Utilized production |                |                   | Price <sup>2</sup> for crop of— |         |                   |
|-------------------|------------------|----------------|-------------------|---------------------|----------------|-------------------|---------------------------------|---------|-------------------|
|                   | 2001             | 2002           | 2003 <sup>1</sup> | 2001                | 2002           | 2003 <sup>1</sup> | 2001                            | 2002    | 2003 <sup>1</sup> |
|                   | Million pounds   | Million pounds | Million pounds    | Million pounds      | Million pounds | Million pounds    | Dollars                         | Dollars | Dollars           |
| AL .....          | 23.0             | 25.5           | 10.0              | 22.0                | 23.0           | 8.6               | 0.418                           | 0.440   | 0.470             |
| AR .....          | 12.0             | 10.0           | 15.0              | 10.3                | 7.8            | 13.6              | 0.407                           | 0.428   | 0.480             |
| CA:               |                  |                |                   |                     |                |                   |                                 |         |                   |
| All .....         | 1,727.0          | 1,920.0        | 1,870.0           | 1,677.0             | 1,870.0        | 1,809.0           | 0.147                           | 0.145   | 0.134             |
| Clingstone .....  | 952.0            | 1,124.0        | 1,072.0           | 902.0               | 1,074.0        | 1,011.0           | 0.122                           | 0.124   | 0.108             |
| Freestone .....   | 775.0            | 796.0          | 798.0             | 775.0               | 796.0          | 798.0             | 0.176                           | 0.174   | 0.167             |
| CO .....          | 18.0             | 19.0           | 21.0              | 17.5                | 18.5           | 20.0              | 0.540                           | 0.567   | 0.608             |
| CT .....          | 1.9              | 1.3            | 1.5               | 1.9                 | 1.3            | 1.5               | 0.650                           | 0.700   | 0.700             |
| GA .....          | 140.0            | 100.0          | 120.0             | 125.0               | 92.0           | 116.0             | 0.280                           | 0.384   | 0.280             |
| ID .....          | 13.0             | 13.0           | 13.0              | 12.9                | 13.0           | 12.6              | 0.494                           | 0.427   | 0.356             |
| IL .....          | 17.8             | 17.2           | 20.5              | 17.1                | 16.5           | 19.8              | 0.420                           | 0.470   | 0.512             |
| IN .....          | 3.0              | 3.1            | 3.4               | 2.9                 | 3.0            | 3.3               | 0.583                           | 0.733   | 0.716             |
| KY .....          | 1.8              | 1.2            | 1.8               | 1.8                 | 1.2            | 1.8               | 0.487                           | 0.545   | 0.557             |
| LA .....          | 1.4              | 1.5            | 1.6               | 1.3                 | 1.4            | 1.5               | 0.871                           | 0.751   | 0.815             |
| MD .....          | 8.8              | 7.0            | 8.5               | 8.8                 | 7.0            | 8.5               | 0.367                           | 0.392   | 0.473             |
| MA .....          | 2.2              | 2.3            | 3.0               | 2.1                 | 2.2            | 2.7               | 0.700                           | 0.800   | 0.800             |
| MI .....          | 42.0             | 14.0           | 47.0              | 42.0                | 14.0           | 43.0              | 0.298                           | 0.318   | 0.181             |
| MO .....          | 9.0              | 8.0            | 10.0              | 9.0                 | 8.0            | 10.0              | 0.365                           | 0.420   | 0.620             |
| NJ .....          | 75.0             | 62.0           | 70.0              | 70.0                | 57.0           | 62.0              | 0.405                           | 0.442   | 0.460             |
| NY .....          | 12.5             | 10.0           | 13.0              | 12.0                | 10.0           | 12.0              | 0.311                           | 0.238   | 0.352             |
| NC .....          | 3.5              | 10.0           | 6.0               | 3.5                 | 10.0           | 6.0               | 0.400                           | 0.350   | 0.400             |
| OH .....          | 11.2             | 9.4            | 11.3              | 11.0                | 9.1            | 11.0              | 0.490                           | 0.496   | 0.498             |
| OK .....          | 12.0             | 7.0            | 5.0               | 10.3                | 5.8            | 4.8               | 0.459                           | 0.577   | 0.618             |
| OR .....          | 6.5              | 7.9            | 4.5               | 6.4                 | 7.4            | 3.5               | 0.427                           | 0.409   | 0.559             |
| PA .....          | 75.0             | 60.0           | 73.0              | 74.0                | 59.0           | 71.0              | 0.335                           | 0.335   | 0.330             |
| SC .....          | 100.0            | 160.0          | 100.0             | 85.0                | 130.0          | 80.0              | 0.425                           | 0.329   | 0.362             |
| TN .....          | 3.7              | 4.0            | 3.5               | 3.5                 | 3.7            | 3.2               | 0.484                           | 0.470   | 0.514             |
| TX .....          | 30.0             | 12.0           | 7.0               | 26.0                | 11.4           | 6.7               | 0.570                           | 0.600   | 0.730             |
| UT .....          | 9.0              | 6.5            | 9.0               | 8.9                 | 6.5            | 8.7               | 0.218                           | 0.312   | 0.394             |
| VA .....          | 8.0              | 7.0            | 10.0              | 7.0                 | 6.7            | 9.2               | 0.317                           | 0.410   | 0.378             |
| WA .....          | 55.0             | 66.0           | 52.0              | 55.0                | 66.0           | 52.0              | 0.338                           | 0.337   | 0.260             |
| WV .....          | 11.0             | 10.0           | 12.5              | 10.7                | 10.0           | 11.8              | 0.300                           | 0.310   | 0.370             |
| Total above ..... | 2,433.3          | 2,574.9        | 2,523.1           | 2,334.9             | 2,471.5        | 2,413.8           | 0.211                           | 0.204   | 0.193             |

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for CA and WA except equivalent returns for bulk fruit at the first delivery point for CA Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

NASS, Crops Branch, (202) 720-2127.

**Table 5-54.—Peaches: Production and utilization, by States, crop of 2003 (preliminary)**

| State                         | Total production | Utilized production <sup>1</sup> | Utilization        |                         |                |                |                    |
|-------------------------------|------------------|----------------------------------|--------------------|-------------------------|----------------|----------------|--------------------|
|                               |                  |                                  | Fresh <sup>2</sup> | Processed (fresh basis) |                |                |                    |
|                               |                  |                                  |                    | Canned                  | Dried          | Frozen         | Other <sup>3</sup> |
|                               | Million pounds   | Million pounds                   | Million pounds     | Million pounds          | Million pounds | Million pounds | Million pounds     |
| CA, all <sup>3</sup> .....    | 1,870.0          | 1,809.0                          | .....              | .....                   | .....          | .....          | .....              |
| Clingstone <sup>3</sup> ..... | 1,072.0          | 1,011.0                          | .....              | 957.0                   | .....          | .....          | .....              |
| Freestone .....               | 798.0            | 798.0                            | 536.6              | .....                   | 20.3           | 191.9          | .....              |
| GA .....                      | 120.0            | 116.0                            | .....              | .....                   | .....          | .....          | .....              |
| NJ .....                      | 70.0             | 62.0                             | .....              | .....                   | .....          | .....          | .....              |
| PA .....                      | 73.0             | 71.0                             | .....              | .....                   | .....          | .....          | .....              |
| SC .....                      | 100.0            | 80.0                             | 70.0               | .....                   | .....          | .....          | .....              |
| WA .....                      | 52.0             | 52.0                             | .....              | .....                   | .....          | .....          | .....              |
| Other States .....            | 246.1            | 223.8                            | 482.2              | 40.2                    | .....          | 31.0           | 84.6               |
| US .....                      | 2,531.1          | 2,413.8                          | 1,088.8            | 997.2                   | 20.3           | 222.9          | 84.6               |

<sup>1</sup> Difference between total and utilized production is harvested not sold and unharvested production. <sup>2</sup> Includes "Home use." <sup>3</sup> Used for jams, preserves, brandy, etc.

NASS, Crops Branch, (202) 720-2127.

**Table 5-55.—Peaches, canned: United States exports by country of destination, 2000/2001–2002/2003**

| Country of destination       | Year beginning June |                    |                    |
|------------------------------|---------------------|--------------------|--------------------|
|                              | 2000/2001           | 2001/2002          | 2002/2003          |
|                              | <i>Metric tons</i>  | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Caribbean:</b>            |                     |                    |                    |
| Bahamas .....                | 130                 | 29                 | 19                 |
| Barbados .....               | 0                   | 3                  | 0                  |
| Bermuda .....                | 8                   | 5                  | 12                 |
| Dominican Republic .....     | 14                  | 16                 | 0                  |
| Netherlands Antilles .....   | 43                  | 9                  | 7                  |
| <b>Total .....</b>           | <b>195</b>          | <b>65</b>          | <b>38</b>          |
| <b>Central America:</b>      |                     |                    |                    |
| Costa Rica .....             | 463                 | 344                | 333                |
| El Salvador .....            | 234                 | 132                | 4                  |
| Guatemala .....              | 237                 | 136                | 127                |
| Honduras .....               | 130                 | 191                | 13                 |
| Nicaragua .....              | 0                   | 0                  | 1                  |
| Panama .....                 | 285                 | 177                | 406                |
| <b>Total .....</b>           | <b>1,349</b>        | <b>979</b>         | <b>884</b>         |
| <b>European Union:</b>       |                     |                    |                    |
| Belgium and Luxembourg ..... | 16                  | 0                  | 0                  |
| Greece .....                 | 19                  | 8                  | 694                |
| Italy .....                  | 44                  | 0                  | 0                  |
| Netherlands .....            | 17                  | 134                | 0                  |
| United Kingdom .....         | 0                   | 55                 | 64                 |
| <b>Total .....</b>           | <b>96</b>           | <b>197</b>         | <b>759</b>         |
| <b>Former Soviet Union:</b>  |                     |                    |                    |
| Russian Federation .....     | 5                   | 0                  | 0                  |
| <b>Total .....</b>           | <b>5</b>            | <b>0</b>           | <b>0</b>           |
| <b>Middle East:</b>          |                     |                    |                    |
| Bahrain .....                | 0                   | 7                  | 0                  |
| Israel .....                 | 298                 | 36                 | 44                 |
| Kuwait .....                 | 14                  | 0                  | 3                  |
| Qatar .....                  | 12                  | 8                  | 0                  |
| Saudi Arabia .....           | 240                 | 161                | 86                 |
| United Arab Emirates .....   | 32                  | 15                 | 25                 |
| Yemen .....                  | 15                  | 11                 | 0                  |
| <b>Total .....</b>           | <b>611</b>          | <b>238</b>         | <b>158</b>         |
| <b>North America:</b>        |                     |                    |                    |
| Canada .....                 | 6,308               | 5,189              | 4,645              |
| Mexico .....                 | 1,176               | 304                | 5,924              |
| <b>Total .....</b>           | <b>7,484</b>        | <b>5,493</b>       | <b>10,570</b>      |
| <b>Oceania:</b>              |                     |                    |                    |
| French Pacific Islands ..... | 16                  | 0                  | 16                 |
| Marshal Islands .....        | 33                  | 0                  | 0                  |
| <b>Total .....</b>           | <b>49</b>           | <b>0</b>           | <b>16</b>          |

See footnotes at end of table.



**Table 5-55.—Peaches, canned: United States exports by country of destination, 2000/2001–2002/2003—Continued**

| Country of destination    | Year beginning June |                    |                    |
|---------------------------|---------------------|--------------------|--------------------|
|                           | 2000/2001           | 2001/2002          | 2002/2003          |
|                           | <i>Metric tons</i>  | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Other Africa:</b>      |                     |                    |                    |
| Mali .....                | 0                   | 16                 | 0                  |
| <b>Total</b> .....        | <b>0</b>            | <b>16</b>          | <b>0</b>           |
| <b>Other Asia:</b>        |                     |                    |                    |
| China, Republic of .....  | 18                  | 7                  | 0                  |
| Hong Kong .....           | 97                  | 6                  | 0                  |
| Indonesia .....           | 3                   | 6                  | 0                  |
| Japan .....               | 1,301               | 619                | 258                |
| Korea, Republic of .....  | 2,043               | 956                | 13                 |
| Malaysia .....            | 26                  | 4                  | 0                  |
| Philippines .....         | 612                 | 854                | 1,376              |
| Singapore .....           | 76                  | 19                 | 84                 |
| Taiwan .....              | 506                 | 77                 | 90                 |
| Thailand .....            | 670                 | 999                | 1,184              |
| <b>Total</b> .....        | <b>5,353</b>        | <b>3,547</b>       | <b>3,006</b>       |
| <b>Other West Europe:</b> |                     |                    |                    |
| Iceland .....             | 0                   | 3                  | 0                  |
| Norway .....              | 0                   | 1                  | 8                  |
| Switzerland .....         | 59                  | 0                  | 0                  |
| <b>Total</b> .....        | <b>59</b>           | <b>4</b>           | <b>8</b>           |
| <b>South America:</b>     |                     |                    |                    |
| Argentina .....           | 53                  | 0                  | 0                  |
| Brazil .....              | 100                 | 0                  | 0                  |
| Chile .....               | 0                   | 0                  | 430                |
| Colombia .....            | 4                   | 0                  | 0                  |
| Peru .....                | 0                   | 34                 | 0                  |
| Suriname .....            | 0                   | 0                  | 2                  |
| Venezuela .....           | 18                  | 2                  | 4                  |
| <b>Total</b> .....        | <b>175</b>          | <b>36</b>          | <b>436</b>         |
| <b>South Asia:</b>        |                     |                    |                    |
| Bangladesh .....          | 5                   | 0                  | 0                  |
| Sri Lanka .....           | 5                   | 0                  | 0                  |
| <b>Total</b> .....        | <b>10</b>           | <b>0</b>           | <b>0</b>           |
| <b>Grand total</b> .....  | <b>15,384</b>       | <b>10,576</b>      | <b>15,875</b>      |

FAS, Horticultural and Tropical Products Division, (202) 720-4620. Compiled from reports of the U.S. Department of Commerce.

**Table 5-56.—Pineapples: Total area, utilized production, utilization, marketing year average price, and value, Hawaii, 1994–2003**

| Year                    | Total area   | Utilized production | Utilization |             | Price per ton  | Value                |
|-------------------------|--------------|---------------------|-------------|-------------|----------------|----------------------|
|                         |              |                     | Fresh       | Processed   |                |                      |
|                         | <i>Acres</i> | <i>Tons</i>         | <i>Tons</i> | <i>Tons</i> | <i>Dollars</i> | <i>1,000 dollars</i> |
| 1994 .....              | 22,300       | 365,000             | 130,000     | 235,000     | 216            | 78,890               |
| 1995 .....              | 19,900       | 345,000             | 125,000     | 220,000     | 253            | 87,360               |
| 1996 .....              | 20,000       | 347,000             | 115,000     | 232,000     | 276            | 95,914               |
| 1997 .....              | 19,900       | 324,000             | 103,000     | 221,000     | 283            | 91,721               |
| 1998 .....              | 21,000       | 332,000             | 111,000     | 221,000     | 279            | 92,776               |
| 1999 .....              | 21,000       | 352,000             | 122,000     | 230,000     | 288            | 101,448              |
| 2000 .....              | 20,700       | 354,000             | 122,000     | 232,000     | 287            | 101,530              |
| 2001 .....              | 20,100       | 323,000             | 110,000     | 213,000     | 298            | 96,337               |
| 2002 .....              | 19,100       | 320,000             | 117,000     | 203,000     | 314            | 100,616              |
| 2003 <sup>1</sup> ..... | 16,000       | 315,000             | 132,000     | 183,000     | 327            | 102,849              |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-57.—Pears: Production and value, United States 1994–2003**

| Year                    | Total production | Utilized production | Marketing year average price <sup>1</sup> | Value                |
|-------------------------|------------------|---------------------|---|----------------------|
|                         | <i>Tons</i>      | <i>Tons</i>         | <i>Dollars per ton</i>                    | <i>1,000 dollars</i> |
| 1994 .....              | 1,045,950        | 1,045,450           | 223.00                                    | 233,071              |
| 1995 .....              | 947,950          | 947,300             | 272.00                                    | 257,849              |
| 1996 .....              | 820,550          | 820,250             | 376.00                                    | 308,367              |
| 1997 .....              | 1,042,500        | 1,041,930           | 276.00                                    | 287,822              |
| 1998 .....              | 970,140          | 967,795             | 291.00                                    | 281,611              |
| 1999 .....              | 1,015,450        | 1,013,435           | 294.00                                    | 298,009              |
| 2000 .....              | 967,150          | 949,170             | 264.00                                    | 250,273              |
| 2001 .....              | 1,001,780        | 964,280             | 264.00                                    | 254,161              |
| 2002 .....              | 868,450          | 867,000             | 295.00                                    | 255,605              |
| 2003 <sup>2</sup> ..... | 923,050          | 921,450             | 306.00                                    | 282,073              |

<sup>1</sup>Fresh fruit prices are equivalent packinghouse-door returns for CA, OR, and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>2</sup>Preliminary.  
 NASS, Crops Branch, (202) 720–2127.

**Table 5-58.—Pears: Production and season average price per ton, by States, 2001–2003**

| Variety and State | Total production |             |                   | Utilized production |             |                   | Price <sup>2</sup> for crop of— |                |                   |
|-------------------|------------------|-------------|-------------------|---------------------|-------------|-------------------|---------------------------------|----------------|-------------------|
|                   | 2001             | 2002        | 2003 <sup>1</sup> | 2001                | 2002        | 2003 <sup>1</sup> | 2001                            | 2002           | 2003 <sup>1</sup> |
|                   | <i>Tons</i>      | <i>Tons</i> | <i>Tons</i>       | <i>Tons</i>         | <i>Tons</i> | <i>Tons</i>       | <i>Dollars</i>                  | <i>Dollars</i> | <i>Dollars</i>    |
| CA, all .....     | 305,000          | 262,000     | 231,000           | 270,000             | 262,000     | 231,000           | 268.00                          | 261.00         | 232.00            |
| Bartlett .....    | 275,000          | 232,000     | 201,000           | 240,000             | 232,000     | 201,000           | 255.00                          | 242.00         | 221.00            |
| Other .....       | 30,000           | 30,000      | 30,000            | 30,000              | 30,000      | 30,000            | 369.00                          | 405.00         | 302.00            |
| CO .....          | 1,900            | 2,400       | 2,800             | 1,900               | 2,400       | 2,800             | 500.00                          | 576.00         | 600.00            |
| CT .....          | 480              | 500         | 1,300             | 480                 | 500         | 1,270             | 644.00                          | 858.00         | 1,000.00          |
| MI .....          | 4,600            | 1,400       | 4,800             | 3,900               | 1,400       | 4,300             | 297.00                          | 318.00         | 259.00            |
| NY .....          | 11,000           | 10,000      | 15,500            | 10,000              | 9,850       | 14,800            | 401.00                          | 374.00         | 373.00            |
| OR, all .....     | 230,000          | 199,000     | 216,000           | 229,500             | 198,000     | 216,000           | 278.00                          | 318.00         | 334.00            |
| Bartlett .....    | 70,000           | 58,000      | 61,000            | 69,500              | 58,000      | 61,000            | 302.00                          | 344.00         | 340.00            |
| Other .....       | 160,000          | 141,000     | 155,000           | 160,000             | 140,000     | 155,000           | 267.00                          | 308.00         | 332.00            |
| PA .....          | 5,500            | 3,800       | 5,200             | 5,200               | 3,500       | 4,900             | 569.00                          | 480.00         | 697.00            |
| UT .....          | 300              | 350         | 450               | 300                 | 350         | 380               | 583.00                          | 643.00         | 784.00            |
| WA, all .....     | 443,000          | 389,000     | 446,000           | 443,000             | 38,9000     | 446,000           | 245.00                          | 299.00         | 321.00            |
| Bartlett .....    | 201,000          | 158,000     | 196,000           | 201,000             | 15,8000     | 196,000           | 228.00                          | 313.00         | 301.00            |
| Other .....       | 242,000          | 231,000     | 250,000           | 242,000             | 231,000     | 25,0000           | 259.00                          | 290.00         | 336.00            |
| US .....          | 1,001,780        | 868,450     | 923,050           | 964,280             | 867,000     | 921,450           | 264.00                          | 295.00         | 306.00            |

<sup>1</sup>Preliminary. <sup>2</sup>Fresh fruit prices are equivalent packinghouse-door returns for CA, OR, and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.  
 NASS, Crops Branch, (202) 720–2127.

**Table 5-59.—Pears: Foreign trade, United States, 1993–2002**

| Year beginning October | Imports for consumption, fresh | Domestic exports   |                    |                                      |                                     |   |
|------------------------|--------------------------------|--------------------|--------------------|--------------------------------------|-------------------------------------|---|
|                        |                                | Fresh <sup>1</sup> | Canned             | Dried, in fruit salad <sup>1,2</sup> | Canned, in fruit salad <sup>3</sup> | Total, in terms of fresh fruit <sup>4</sup> |
|                        | <i>Metric tons</i>             | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>                   | <i>Metric tons</i>                  | <i>Metric tons</i>                          |
| 1993 .....             | 65,283                         | 137,046            | 3,076              | 600                                  | 9,102                               | 153,010                                     |
| 1994 .....             | 48,065                         | 127,961            | 5,039              | 769                                  | 9,879                               | 147,732                                     |
| 1995 .....             | 57,371                         | 144,426            | 7,245              | 702                                  | 9,359                               | 165,460                                     |
| 1996 .....             | 78,520                         | 126,409            | 3,494              | 536                                  | 7,866                               | 141,152                                     |
| 1997 .....             | 67,637                         | 156,807            | 5,389              | 574                                  | 8,036                               | 170,806                                     |
| 1998 .....             | 87,427                         | 145,816            | 4,383              | 459                                  | 8,954                               | 162,051                                     |
| 1999 .....             | 89,827                         | 162,629            | 4,655              | 238                                  | 6,885                               | 175,669                                     |
| 2000 .....             | 85,219                         | 158,333            | 5,887              | 422                                  | 4,092                               | 170,976                                     |
| 2001 .....             | 79,968                         | 175,346            | 6,181              | 273                                  | 3,400                               | 186,649                                     |
| 2002 .....             | 86,328                         | 160,203            | 4,944              | 544                                  | 3,045                               | 171,624                                     |

<sup>1</sup>Net processed weight. <sup>2</sup>Dried pears are 16⅓ percent of total dried fruit for salad. <sup>3</sup>Canned pears are 35 percent of total canned fruit for salad. <sup>4</sup>Dried converted to unprocessed dry weight by dividing by 1.03. Unprocessed dry weight converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh. Canned converted to terms of fresh on basis that 1 pound of canned equals about 1 pound fresh.  
 ERS, Specialty Crops Branch, (202) 694–5260.

**Table 5-60.—Pears, fresh (dessert and cooking): Production in specified countries, 2001/2002–2003/2004<sup>1</sup>**

| Continent and country                 | 2001/2002                | 2002/2003                | 2003/2004                |
|---------------------------------------|--------------------------|--------------------------|--------------------------|
|                                       | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| <b>North America:</b>                 |                          |                          |                          |
| Canada .....                          | 17.5                     | 13.7                     | 15.5                     |
| Mexico .....                          | 33.0                     | 32.0                     | 32.5                     |
| United States .....                   | 908.8                    | 787.9                    | 846.6                    |
| <b>Total .....</b>                    | <b>959.2</b>             | <b>833.5</b>             | <b>894.6</b>             |
| <b>South America:</b>                 |                          |                          |                          |
| Argentina <sup>2</sup> .....          | 550.0                    | 660.0                    | 580.0                    |
| Chile <sup>2</sup> .....              | 237.0                    | 247.0                    | NA                       |
| <b>Total .....</b>                    | <b>787.0</b>             | <b>907.0</b>             | <b>NA</b>                |
| <b>European Union:</b>                |                          |                          |                          |
| Belgium/Luxembourg .....              | 89.7                     | 172.2                    | 142.5                    |
| France .....                          | 247.0                    | 257.0                    | 254.0                    |
| Germany .....                         | 46.8                     | 64.0                     | 60.0                     |
| Greece .....                          | 55.0                     | 37.0                     | 25.0                     |
| Italy .....                           | 840.0                    | 905.0                    | 832.6                    |
| Netherlands .....                     | 195.0                    | 179.0                    | 160.0                    |
| Spain .....                           | 719.0                    | 626.9                    | 662.0                    |
| Sweden .....                          | 12.1                     | 13.7                     | 7.9                      |
| United Kingdom .....                  | 35.0                     | 35.9                     | 28.3                     |
| <b>Total .....</b>                    | <b>2,239.6</b>           | <b>2,290.6</b>           | <b>2,172.3</b>           |
| <b>Other Europe:</b>                  |                          |                          |                          |
| Russia .....                          | 226.0                    | 322.0                    | 226.0                    |
| Turkey .....                          | 360.0                    | 340.0                    | 340.0                    |
| <b>Total .....</b>                    | <b>586.0</b>             | <b>662.0</b>             | <b>566.0</b>             |
| <b>Total Europe .....</b>             | <b>2,825.6</b>           | <b>2,952.6</b>           | <b>2,738.3</b>           |
| <b>Africa:</b>                        |                          |                          |                          |
| South Africa .....                    | 320.0                    | 340.0                    | 350.0                    |
| <b>Total .....</b>                    | <b>320.0</b>             | <b>340.0</b>             | <b>NA</b>                |
| <b>Asia:</b>                          |                          |                          |                          |
| Japan .....                           | 397.0                    | 406.6                    | 407.3                    |
| China .....                           | 8,796.0                  | 9,309.0                  | 9,845.0                  |
| <b>Total .....</b>                    | <b>9,193.0</b>           | <b>9,715.6</b>           | <b>10,252.3</b>          |
| <b>Oceania:</b>                       |                          |                          |                          |
| Australia .....                       | 145.0                    | 170.0                    | NA                       |
| New Zealand .....                     | 23.8                     | 13.5                     | NA                       |
| <b>Total .....</b>                    | <b>168.8</b>             | <b>183.5</b>             | <b>NA</b>                |
| <b>Total selected countries .....</b> | <b>14,253.6</b>          | <b>14,932.2</b>          | <b>NA</b>                |

<sup>1</sup> May include some cider varieties in countries not reporting separately. <sup>2</sup> It is too early to make reliable forecast for the Southern Hemisphere countries for the 2002/03 season. NA-not available.

FAS, Horticultural and Tropical Products Division, (202) 720-3423. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 5-61.—Pears: Production and utilization, by States, crop of 2003 (preliminary)**

| State and variety | Total production | Utilized production | Utilization        |                        |
|-------------------|------------------|---------------------|--------------------|------------------------|
|                   |                  |                     | Fresh <sup>1</sup> | Processed <sup>2</sup> |
|                   | <i>Tons</i>      | <i>Tons</i>         | <i>Tons</i>        | <i>Tons</i>            |
| CA, all .....     | 231,000          | 231,000             | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| Bartlett .....    | 201,000          | 201,000             | 61,000             | 140,000                |
| Other .....       | 30,000           | 30,000              | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| CO .....          | 2,800            | 2,800               | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| CT .....          | 1,300            | 1,270               | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| MI .....          | 4,800            | 4,300               | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| NY .....          | 15,500           | 14,800              | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| OR, all .....     | 216,000          | 216,000             | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| Bartlett .....    | 61,000           | 61,000              | 29,000             | 32,000                 |
| Other .....       | 155,000          | 155,000             | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| PA .....          | 5,200            | 4,900               | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| UT .....          | 450              | 380                 | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| WA, all .....     | 446,000          | 446,000             | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| Bartlett .....    | 196,000          | 196,000             | 61,000             | 135,000                |
| Other .....       | 250,000          | 25,000              | ( <sup>3</sup> )   | ( <sup>3</sup> )       |
| US .....          | 923,050          | 921,450             | 564,350            | 357,100                |

<sup>1</sup> Includes "Home use." <sup>2</sup> Mostly canned, but includes small quantities dried, juiced, and other uses. <sup>3</sup> Data not published to avoid disclosure of individual operations, but included in U.S. totals.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-62.—Pears: Production and utilization, United States, 1994-2003**

| Crop—                   | Total production | Utilized production | Utilization of quantities sold—Fresh <sup>1</sup> |
|-------------------------|------------------|---------------------|---|
|                         | <i>Tons</i>      | <i>Tons</i>         | <i>Tons</i>                                       |
| 1994 .....              | 1,045,950        | 1,045,450           | 551,000   |
| 1995 .....              | 947,950          | 947,300             | 544,260   |
| 1996 .....              | 820,550          | 820,250             | 459,550   |
| 1997 .....              | 1,042,500        | 1,041,930           | 572,310   |
| 1998 .....              | 970,140          | 967,795             | 513,795   |
| 1999 .....              | 1,015,450        | 1,013,435           | 536,175   |
| 2000 .....              | 967,150          | 949,170             | 547,130   |
| 2001 .....              | 1,001,780        | 964,280             | 543,170   |
| 2002 .....              | 868,450          | 867,000             | 502,870   |
| 2003 <sup>2</sup> ..... | 923,050          | 921,450             | 564,350   |

<sup>1</sup> Includes "Home use." <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-63.—Papayas: Area, utilized production, utilization, marketing year average price, and value, Hawaii, 1994-2003**

| Year                    | Area harvested | Utilized production | Utilization         |                     | Price per pound | Value          |
|-------------------------|----------------|---------------------|---------------------|---------------------|-----------------|----------------|
|                         |                |                     | Fresh               | Processed           |                 |                |
|                         | <i>Acres</i>   | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>Cents</i>    | <i>dollars</i> |
| 1994 .....              | 2,200          | 62,000              | 56,200              | 5,800               | 22.3            | 13,831         |
| 1995 .....              | 2,435          | 50,800              | 41,900              | 8,900               | 36.4            | 18,494         |
| 1996 .....              | 1,835          | 41,800              | 37,800              | 4,000               | 40.8            | 17,054         |
| 1997 .....              | 1,985          | 38,800              | 35,700              | 3,100               | 48.9            | 18,978         |
| 1998 .....              | 2,120          | 39,900              | 35,600              | 4,300               | 31.6            | 12,589         |
| 1999 .....              | 1,940          | 42,400              | 39,400              | 3,000               | 37.6            | 15,929         |
| 2000 .....              | 1,650          | 54,500              | 50,250              | 4,250               | 29.4            | 16,007         |
| 2001 .....              | 1,950          | 55,000              | 52,000              | 3,000               | 26.5            | 14,598         |
| 2002 .....              | 1,720          | 45,900              | 42,700              | 3,200               | 26.0            | 11,924         |
| 2003 <sup>1</sup> ..... | 1,600          | 43,000              | 41,500              | 1,500               | 31.4            | 13,491         |

<sup>1</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-64.—Plums, California: Production, value, and utilization, 1994–2003**

| Season                  | Total production | Utilized production | Marketing year average price per ton <sup>1</sup> | Value                |
|-------------------------|------------------|---------------------|---|----------------------|
|                         | <i>Tons</i>      | <i>Tons</i>         | <i>Dollars</i>                                    | <i>1,000 dollars</i> |
| 1994 .....              | 247,000          | 247,000             | 321.00  | 79,358               |
| 1995 .....              | 124,000          | 124,000             | 950.00  | 117,849              |
| 1996 .....              | 228,000          | 228,000             | 420.00  | 95,831               |
| 1997 .....              | 246,000          | 246,000             | 312.00  | 76,825               |
| 1998 .....              | 188,000          | 188,000             | 529.00  | 99,388               |
| 1999 .....              | 196,000          | 196,000             | 419.00  | 82,041               |
| 2000 .....              | 197,000          | 197,000             | 442.00  | 87,115               |
| 2001 .....              | 210,000          | 210,000             | 306.00  | 64,362               |
| 2002 .....              | 201,000          | 201,000             | 386.00  | 77,586               |
| 2003 <sup>2</sup> ..... | 212,000          | 212,000             | 418.00  | 88,616               |

<sup>1</sup>Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at processing plant door. <sup>2</sup>Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-65.—Prunes (dried basis): Production, price and value, California, 1994–2003<sup>1</sup>**

| Season                  | Total production | Utilized production | Marketing year average price per ton <sup>2</sup> | Value                |
|-------------------------|------------------|---------------------|---|----------------------|
|                         | <i>Tons</i>      | <i>Tons</i>         | <i>Dollars</i>                                    | <i>1,000 dollars</i> |
| 1994 .....              | 193,000          | 193,000             | 1,090.00  | 210,370              |
| 1995 .....              | 181,000          | 181,000             | 1,040.00  | 188,240              |
| 1996 .....              | 223,000          | 223,000             | 839.00  | 187,097              |
| 1997 .....              | 214,000          | 205,000             | 883.00  | 181,015              |
| 1998 .....              | 108,000          | 103,000             | 764.00  | 78,692               |
| 1999 .....              | 178,000          | 165,000             | 861.00  | 142,065              |
| 2000 .....              | 219,000          | 201,000             | 770.00  | 154,770              |
| 2001 .....              | 150,000          | 135,000             | 726.00  | 98,010               |
| 2002 .....              | 172,000          | 163,000             | 810.00  | 132,030              |
| 2003 <sup>3</sup> ..... | 176,000          | 161,000             | 730.00  | 117,530              |

<sup>1</sup>The drying ratio is approximately 3 pounds of fresh fruit to 1 pound of dried fruit. <sup>2</sup>Equivalent returns at the processing plant door. <sup>3</sup>Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-66.—Prunes and plums: <sup>1</sup> Production, value, and utilization, 4-States, 1994–2003**

| Year                    | Total production | Utilized production | Marketing year average price per ton | Value                | Utilization of quantities sold |                         |             |             |
|-------------------------|------------------|---------------------|--------------------------------------|----------------------|--------------------------------|-------------------------|-------------|-------------|
|                         |                  |                     |                                      |                      | Fresh <sup>2</sup>             | Processed (fresh basis) |             |             |
|                         |                  |                     |                                      |                      |                                | Dried and other         | Canned      | Frozen      |
|                         | <i>Tons</i>      | <i>Tons</i>         | <i>Dollars</i>                       | <i>1,000 dollars</i> | <i>Tons</i>                    | <i>Tons</i>             | <i>Tons</i> | <i>Tons</i> |
| 1994 .....              | 38,100           | 32,100              | 168.00                               | 5,401                | 13,550                         | 6,800                   | 10,650      | 1,100       |
| 1995 .....              | 22,500           | 21,480              | 313.00                               | 6,718                | 12,200                         | 2,730                   | 5,650       | 900         |
| 1996 .....              | 19,500           | 18,700              | 442.00                               | 8,272                | 10,650                         | 1,900                   | 5,700       | 450         |
| 1997 .....              | 25,500           | 23,700              | 273.00                               | 6,481                | 10,500                         | 2,800                   | 8,700       | 1,700       |
| 1998 .....              | 25,600           | 24,800              | 311.00                               | 7,707                | 11,750                         | 4,150                   | 7,250       | 1,650       |
| 1999 .....              | 22,900           | 21,620              | 208.00                               | 4,500                | 11,150                         | 4,120                   | 5,400       | 950         |
| 2000 .....              | 23,900           | 21,950              | 239.00                               | 5,247                | 9,400                          | 5,650                   | 5,400       | 1,500       |
| 2001 .....              | 21,200           | 20,000              | 273.00                               | 5,459                | 11,000                         | 3,250                   | 4,470       | 1,280       |
| 2002 .....              | 15,650           | 14,790              | 286.00                               | 4,237                | 6,360                          | 3,930                   | 3,340       | 1,160       |
| 2003 <sup>3</sup> ..... | 16,900           | 15,480              | 351.00                               | 5,434                | 7,700                          | 2,680                   | 3,800       | 1,300       |

<sup>1</sup>ID, MI, OR, and WA. Mostly prunes; however, estimates include small quantities of plums in all States. <sup>2</sup>Includes "Home use." <sup>3</sup>Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-67.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 2001–2003**

| State                 | Total production |             |                   | Utilized production |             |                   | Price per ton <sup>2</sup> |                |                   |
|-----------------------|------------------|-------------|-------------------|---------------------|-------------|-------------------|----------------------------|----------------|-------------------|
|                       | 2001             | 2002        | 2003 <sup>1</sup> | 2001                | 2002        | 2003 <sup>1</sup> | 2001                       | 2002           | 2003 <sup>1</sup> |
|                       | <i>Tons</i>      | <i>Tons</i> | <i>Tons</i>       | <i>Tons</i>         | <i>Tons</i> | <i>Tons</i>       | <i>Dollars</i>             | <i>Dollars</i> | <i>Dollars</i>    |
| ID .....              | 3,000            | 2,000       | 2,500             | 3,000               | 1,950       | 2,480             | 582.00                     | 536.00         | 518.00            |
| MI .....              | 3,600            | 250         | 3,600             | 3,600               | 240         | 3,600             | 358.00                     | 358.00         | 355.00            |
| OR .....              | 9,000            | 8,000       | 5,500             | 7,800               | 7,200       | 4,100             | 166.00                     | 251.00         | 272.00            |
| WA .....              | 5,600            | 5,400       | 5,300             | 5,600               | 5,400       | 5,300             | 201.00                     | 240.00         | 332.00            |
| Total, 4 States ..... | 21,200           | 15,650      | 16,900            | 20,000              | 14,790      | 15,480            | 273.00                     | 286.00         | 351.00            |

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for OR and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-68.—Prunes and plums: Utilization and marketing year average price per ton, by State, 1997–2003**

| State and season             | Quantity           |                              |             |             | Price <sup>3</sup> |                 |                |                |
|------------------------------|--------------------|------------------------------|-------------|-------------|--------------------|-----------------|----------------|----------------|
|                              | Fresh <sup>1</sup> | Dried and other <sup>2</sup> | Canned      | Frozen      | Fresh              | Dried and other | Canned         | Frozen         |
|                              | <i>Tons</i>        | <i>Tons</i>                  | <i>Tons</i> | <i>Tons</i> | <i>Dollars</i>     | <i>Dollars</i>  | <i>Dollars</i> | <i>Dollars</i> |
| MI:                          |                    |                              |             |             |                    |                 |                |                |
| 1997 .....                   | 1,500              | (4)                          | 2,100       | (4)         | 460.00             | (4)             | 267.00         | (4)            |
| 1998 .....                   | 1,200              | (4)                          | (4)         | (4)         | 390.00             | (4)             | (4)            | (4)            |
| 1999 .....                   | 1,100              | (4)                          | (4)         | (4)         | 440.00             | (4)             | (4)            | (4)            |
| 2000 .....                   | 1,250              | (4)                          | (4)         | (4)         | 270.00             | (4)             | (4)            | (4)            |
| 2001 .....                   | 1,800              | (4)                          | (4)         | (4)         | 442.00             | (4)             | (4)            | (4)            |
| 2002 .....                   | 60                 | (4)                          | (4)         | (4)         | 600.00             | (4)             | (4)            | (4)            |
| 2003 .....                   | 1,100              | (4)                          | (4)         | (4)         | 480.00             | (4)             | (4)            | (4)            |
| WA:                          |                    |                              |             |             |                    |                 |                |                |
| 1997 .....                   | (4)                | (4)                          | (4)         | (4)         | (4)                | (4)             | (4)            | (4)            |
| 1998 .....                   | (4)                | (4)                          | (4)         | (4)         | (4)                | (4)             | (4)            | (4)            |
| 1999 .....                   | (4)                | (4)                          | (4)         | (4)         | (4)                | (4)             | (4)            | (4)            |
| 2000 .....                   | (4)                | (4)                          | (4)         | (4)         | (4)                | (4)             | (4)            | (4)            |
| 2001 .....                   | (4)                | (4)                          | (4)         | (4)         | (4)                | (4)             | (4)            | (4)            |
| 2002 .....                   | (4)                | (4)                          | (4)         | (4)         | (4)                | (4)             | (4)            | (4)            |
| 2003 .....                   | (4)                | (4)                          | (4)         | (4)         | (4)                | (4)             | (4)            | (4)            |
| Total 4 States: <sup>5</sup> |                    |                              |             |             |                    |                 |                |                |
| 1997 .....                   | 10,500             | 2,800                        | 8,700       | 1,700       | 448.00             | 76.00           | 149.00         | 159.00         |
| 1998 .....                   | 11,750             | 4,150                        | 7,250       | 1,650       | 476.00             | 160.00          | 148.00         | 230.00         |
| 1999 .....                   | 11,150             | 4,120                        | 5,400       | 950         | 232.00             | 218.00          | 135.00         | 297.00         |
| 2000 .....                   | 9,400              | 5,650                        | 5,400       | 1,500       | 321.00             | 145.00          | 182.00         | 287.00         |
| 2001 .....                   | 11,000             | 3,250                        | 4,470       | 1,280       | 345.00             | 157.00          | 190.00         | 241.00         |
| 2002 .....                   | 6,360              | 3,930                        | 3,340       | 1,160       | 396.00             | 245.00          | 175.00         | 147.00         |
| 2003 .....                   | 7,700              | 2,680                        | 3,800       | 1,300       | 446.00             | 220.00          | 255.00         | 339.00         |

<sup>1</sup> Includes "Home use." <sup>2</sup> Some quantities otherwise processed are included to avoid disclosure of individual operations. <sup>3</sup> Prices for fresh sales are average prices as sold for ID and MI; equivalent packinghouse door returns for OR and WA. Quantities processed are priced at the equivalent processing plant door level. <sup>4</sup> Not published to avoid disclosure of individual operations, but is included in total. <sup>5</sup> ID, MI, OR, and WA.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-69.—Prunes, dried: United States exports by country of destination, 2000/2001–2002/2003**

| Country of destination        | Year beginning August |                    |                    |
|-------------------------------|-----------------------|--------------------|--------------------|
|                               | 2000/2001             | 2001/2002          | 2002/2003          |
|                               | <i>Metric tons</i>    | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>North America:</b>         |                       |                    |                    |
| Canada .....                  | 4,508.4               | 4,861.9            | 4,939.6            |
| Mexico .....                  | 1,788.2               | 1,141.0            | 1,310.0            |
| <b>Total .....</b>            | <b>6,296.7</b>        | <b>6,002.9</b>     | <b>6,249.6</b>     |
| <b>Europe:</b>                |                       |                    |                    |
| Germany .....                 | 19,535.3              | 12,336.7           | 6,588.6            |
| United Kingdom .....          | 6,733.2               | 5,928.6            | 4,570.1            |
| Belgium-Luxembourg .....      | 6,651.0               | 3,552.0            | 2,400.7            |
| Italy .....                   | 6,040.6               | 5,869.9            | 6,448.8            |
| Netherlands .....             | 1,781.7               | 2,755.8            | 3,649.8            |
| Spain .....                   | 1,645.5               | 894.7              | 669.7              |
| Denmark .....                 | 1,658.7               | 1,411.2            | 1,187.3            |
| Finland .....                 | 1,648.6               | 1,391.0            | 1,459.4            |
| Sweden .....                  | 1,303.7               | 1,308.4            | 1,039.7            |
| Greece .....                  | 197.3                 | 403.2              | 694.7              |
| France .....                  | 181.5                 | 66.8               | 1.6                |
| Austria .....                 | 151.2                 | 0.0                | 0.0                |
| Ireland .....                 | 82.2                  | 81.6               | 66.1               |
| <b>Total .....</b>            | <b>47,610.5</b>       | <b>36,000.1</b>    | <b>28,794.9</b>    |
| <b>Other Western Europe:</b>  |                       |                    |                    |
| Norway .....                  | 1,145.8               | 1,138.5            | 938.1              |
| Switzerland .....             | 31.1                  | 10.3               | 45.2               |
| Iceland .....                 | 29.0                  | 59.5               | 79.6               |
| Cyprus .....                  | 16.8                  | 3.8                | 9.1                |
| Malta & Gozo .....            | 0.0                   | 10.0               | 4.0                |
| <b>Total .....</b>            | <b>1,222.6</b>        | <b>1,222.2</b>     | <b>1,075.9</b>     |
| <b>Middle East:</b>           |                       |                    |                    |
| Israel .....                  | 1,015.1               | 1,686.7            | 1,216.9            |
| United Arab Emirate .....     | 54.4                  | 39.0               | 0.0                |
| Kuwait .....                  | 36.5                  | 16.8               | 32.7               |
| Saudi Arabia .....            | 31.3                  | 52.4               | 173.6              |
| Jordan .....                  | 16.4                  | 0.0                | 0.0                |
| Lebanon .....                 | 8.9                   | 52.7               | 6.3                |
| Turkey .....                  | 0.0                   | 16.3               | 55.2               |
| <b>Total .....</b>            | <b>1,162.6</b>        | <b>1,863.8</b>     | <b>1,484.7</b>     |
| <b>Asia:</b>                  |                       |                    |                    |
| Japan .....                   | 14,469.5              | 14,328.1           | 16,225.6           |
| Hong Kong .....               | 2,983.0               | 4,035.1            | 2,531.6            |
| Singapore .....               | 1,134.4               | 1,120.9            | 1,238.4            |
| Taiwan .....                  | 865.8                 | 1,483.1            | 544.5              |
| Malaysia .....                | 703.6                 | 743.1              | 694.2              |
| China, Peoples Republic ..... | 518.4                 | 178.8              | 63.6               |
| Philippines .....             | 384.7                 | 160.9              | 217.2              |
| Korea, Republic of .....      | 92.5                  | 47.7               | 103.4              |
| Thailand .....                | 88.2                  | 89.7               | 87.2               |
| Indonesia .....               | 42.4                  | 42.4               | 39.4               |
| Brunei .....                  | 2.0                   | 4.3                | 0.0                |
| Macau .....                   | 0.0                   | 0.0                | 0.0                |
| Mongolia .....                | 0.0                   | 0.0                | 0.0                |
| Vietnam .....                 | 0.0                   | 2.9                | 0.0                |
| <b>Total .....</b>            | <b>21,284.5</b>       | <b>22,237.1</b>    | <b>21,745.3</b>    |
| <b>Oceania:</b>               |                       |                    |                    |
| Australia .....               | 1,074.8               | 1,570.6            | 2,367.3            |
| New Zealand .....             | 869.9                 | 842.5              | 869.2              |
| French Pacific Islands .....  | 0.6                   | 0.0                | 0.0                |
| <b>Total .....</b>            | <b>1,945.3</b>        | <b>2,413.1</b>     | <b>3,236.5</b>     |
| <b>Other countries</b>        | <b>2,768.3</b>        | <b>2,633.9</b>     | <b>1,638.2</b>     |
| <b>Grand total .....</b>      | <b>82,290.5</b>       | <b>72,373.1</b>    | <b>64,225.1</b>    |

FAS, Horticultural and Tropical Products Division, (202) 720-3423. Compiled from reports of the U.S. Department of Commerce.

**Table 5-70.—Prunes: Foreign trade, United States, 1993–2002**

| Year beginning October | Imports                |                                  |                           |                                       | Domestic exports       |                           |                                      |                                       |
|------------------------|------------------------|----------------------------------|---------------------------|---------------------------------------|------------------------|---------------------------|--------------------------------------|---------------------------------------|
|                        | Fresh prunes and plums | Other-wise prepared or preserved | Dried prunes <sup>1</sup> | Total, in terms of fresh <sup>2</sup> | Fresh prunes and plums | Dried prunes <sup>1</sup> | Dried, in fruit salad <sup>1,3</sup> | Total, in terms of fresh <sup>2</sup> |
|                        | <i>Metric tons</i>     | <i>Metric tons</i>               | <i>Metric tons</i>        | <i>Metric tons</i>                    | <i>Metric tons</i>     | <i>Metric tons</i>        | <i>Metric tons</i>                   | <i>Metric tons</i>                    |
| 1993 .....             | 21,741                 | 921                              | 4,588                     | 34,480                                | 69,913                 | 57,936                    | 1,702                                | 224,742                               |
| 1994 .....             | 23,294                 | 881                              | 375                       | 25,060                                | 40,429                 | 60,247                    | 1,983                                | 201,988                               |
| 1995 .....             | 20,218                 | 826                              | 250                       | 21,610                                | 67,193                 | 62,548                    | 1,811                                | 234,279                               |
| 1996 .....             | 22,923                 | 746                              | 450                       | 24,762                                | 71,906                 | 67,535                    | 1,382                                | 250,825                               |
| 1997 .....             | 19,509                 | 811                              | 214                       | 20,794                                | 48,937                 | 70,864                    | 1,481                                | 236,756                               |
| 1998 .....             | 27,736                 | 735                              | 712                       | 30,245                                | 59,570                 | 68,412                    | 1,185                                | 240,254                               |
| 1999 .....             | 22,893                 | 778                              | 510                       | 24,916                                | 61,354                 | 66,304                    | 613                                  | 235,081                               |
| 2000 .....             | 33,400                 | 792                              | 431                       | 35,231                                | 62,926                 | 83,746                    | 1,089                                | 283,170                               |
| 2001 .....             | 32,459                 | 812                              | 969                       | 35,705                                | 62,803                 | 69,660                    | 704                                  | 245,479                               |
| 2002 .....             | 32,336                 | 921                              | 570                       | 34,644                                | 60,066                 | 66,627                    | 1,403                                | 236,683                               |

<sup>1</sup> Net processed weight. <sup>2</sup> Exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh. <sup>3</sup> "Other-wise prepared or preserved" converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh.

<sup>3</sup> Dried prunes in salad estimated at 43 percent of total dried fruit for salad.

ERS, Specialty Crops Branch, (202) 694–5260.

**Table 5-71.—Strawberries, commercial crop: Production and value per hundredweight, by States, 2001–2003**

| Utilization, season, and State       | Production        |                   |                   | Value per unit          |                         |                         |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                                      | 2001              | 2002              | 2003 <sup>1</sup> | 2001                    | 2002                    | 2003 <sup>1</sup>       |
|                                      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| <b>FOR FRESH MARKET <sup>2</sup></b> |                   |                   |                   |                         |                         |                         |
| Winter:                              |                   |                   |                   |                         |                         |                         |
| FL .....                             | 1,690             | 1,760             | 1,562             | 99.00                   | 87.20                   | 87.20                   |
| Total .....                          | 1,690             | 1,760             | 1,562             | 99.00                   | 87.20                   | 87.20                   |
| Spring:                              |                   |                   |                   |                         |                         |                         |
| CA .....                             | 10,338            | 11,779            | 13,640            | 70.60                   | 67.40                   | 72.80                   |
| MI .....                             | 44                | 51                | 58                | 100.00                  | 98.00                   | 105.00                  |
| NJ <sup>3</sup> .....                | 18                | .....             | .....             | 72.20                   | .....                   | .....                   |
| NY .....                             | 60                | 63                | 50                | 118.00                  | 140.00                  | 155.00                  |
| NC .....                             | 196               | 225               | 170               | 85.00                   | 85.00                   | 90.00                   |
| OH .....                             | 46                | 39                | 53                | 105.00                  | 124.00                  | 120.00                  |
| OR .....                             | 22                | 23                | 20                | 102.00                  | 106.00                  | 115.00                  |
| PA .....                             | 86                | 73                | 83                | 110.00                  | 137.00                  | 134.00                  |
| VA <sup>3</sup> .....                | 41                | .....             | .....             | 124.00                  | .....                   | .....                   |
| WA .....                             | 24                | 18                | 20                | 108.00                  | 107.00                  | 113.00                  |
| WI .....                             | 46                | 43                | 45                | 110.00                  | 116.00                  | 117.00                  |
| Total .....                          | 10,921            | 12,314            | 14,139            | 72.20                   | 69.10                   | 74.20                   |
| US .....                             | 12,611            | 14,074            | 15,701            | 75.80                   | 71.40                   | 75.50                   |
| <b>PROCESSING</b>                    |                   |                   |                   |                         |                         |                         |
| Spring:                              |                   |                   |                   |                         |                         |                         |
| CA .....                             | 3,390             | 4,318             | 4,712             | 28.50                   | 31.90                   | 26.70                   |
| MI .....                             | 6                 | 5                 | 5                 | 47.00                   | 46.00                   | 46.00                   |
| OR .....                             | 380               | 315               | 275               | 34.00                   | 45.00                   | 45.00                   |
| WA .....                             | 136               | 144               | 133               | 32.00                   | 44.00                   | 43.00                   |
| US .....                             | 3,912             | 4,782             | 5,125             | 29.20                   | 33.10                   | 28.10                   |

<sup>1</sup> Preliminary. <sup>2</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared. <sup>3</sup> Estimates discontinued in 2002.

NASS, Crops Branch, (202) 720–2127.



**Table 5-72.—Strawberries, commercial crop: Area, yield, production, value per hundred weight, and total value, United States, 1994–2003**

| Year                    | Fresh market and processing |                |                         |                         |                      | Fresh market <sup>3</sup> |                         |                      | Processing        |                         |                      |
|-------------------------|-----------------------------|----------------|-------------------------|-------------------------|----------------------|---------------------------|-------------------------|----------------------|-------------------|-------------------------|----------------------|
|                         | Area for harvest            | Yield per acre | Production <sup>1</sup> | Value <sup>2</sup>      |                      | Production                | Value <sup>2</sup>      |                      | Production        | Value <sup>2</sup>      |                      |
|                         |                             |                |                         | Per cwt                 | Total                |                           | Per cwt                 | Total                |                   | Per cwt                 | Total                |
|                         | <i>Acres</i>                | <i>Cwt.</i>    | <i>1,000 cwt.</i>       | <i>Dollars per cwt.</i> | <i>1,000 dollars</i> | <i>1,000 cwt.</i>         | <i>Dollars per cwt.</i> | <i>1,000 dollars</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>1,000 dollars</i> |
| 1994 .....              | 48,830                      | 338            | 16,486                  | 50.70                   | 836,142              | 11,477                    | 60.20                   | 690,414              | 5,009             | 29.10                   | 145,728              |
| 1995 .....              | 48,080                      | 333            | 16,020                  | 50.70                   | 811,634              | 11,456                    | 60.40                   | 692,249              | 4,564             | 26.20                   | 119,385              |
| 1996 .....              | 47,670                      | 341            | 16,259                  | 47.30                   | 768,943              | 12,126                    | 56.50                   | 684,661              | 4,133             | 20.40                   | 84,282               |
| 1997 .....              | 44,260                      | 368            | 16,278                  | 55.50                   | 903,350              | 12,018                    | 65.60                   | 787,974              | 4,260             | 27.10                   | 115,376              |
| 1998 .....              | 45,230                      | 363            | 16,397                  | 61.10                   | 1,001,854            | 11,338                    | 74.10                   | 840,403              | 5,059             | 31.90                   | 161,451              |
| 1999 .....              | 46,760                      | 392            | 18,326                  | 61.80                   | 1,133,412            | 13,064                    | 73.50                   | 959,650              | 5,262             | 33.00                   | 173,762              |
| 2000 .....              | 47,650                      | 399            | 19,021                  | 55.00                   | 1,045,998            | 14,326                    | 64.90                   | 931,529              | 4,675             | 24.50                   | 114,469              |
| 2001 .....              | 46,000                      | 359            | 16,523                  | 64.80                   | 1,070,052            | 12,611                    | 75.80                   | 955,883              | 3,912             | 29.20                   | 114,169              |
| 2002 .....              | 47,900                      | 394            | 18,856                  | 61.70                   | 1,162,994            | 14,074                    | 71.40                   | 1,004,509            | 4,782             | 33.10                   | 158,485              |
| 2003 <sup>4</sup> ..... | 48,700                      | 428            | 20,826                  | 63.90                   | 1,329,779            | 15,701                    | 75.50                   | 1,185,645            | 5,125             | 28.10                   | 144,134              |

<sup>1</sup> Excludes the following quantities not harvested and not marked because of economic conditions (1,000 hundredweight): 50 in 1995. <sup>2</sup> Fresh market price and value on f.o.b. basis. Processing price and value at processing plant door. <sup>3</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared. <sup>4</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-73.—Strawberries, commercial crop: Area harvested, production, value per hundred weight, by States, 2001–2003<sup>1</sup>**

| Season and State      | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|-----------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                       | 2001           | 2002         | 2003 <sup>2</sup> | 2001              | 2002              | 2003 <sup>2</sup> | 2001                    | 2002                    | 2003 <sup>2</sup>       |
| Winter:               | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| FL .....              | 6,500          | 6,900        | 7,100             | 1,690             | 1,760             | 1,562             | 99.00                   | 87.20                   | 87.20                   |
| Total .....           | 6,500          | 6,900        | 7,100             | 1,690             | 1,760             | 1,562             | 99.00                   | 87.20                   | 87.20                   |
| Spring:               |                |              |                   |                   |                   |                   |                         |                         |                         |
| CA .....              | 26,400         | 28,500       | 29,600            | 13,728            | 16,097            | 18,352            | 60.20                   | 57.90                   | 61.00                   |
| MI .....              | 900            | 1,200        | 1,200             | 50                | 56                | 63                | 93.60                   | 93.40                   | 100.00                  |
| NJ <sup>3</sup> ..... | 400            | .....        | .....             | 18                | .....             | .....             | 72.20                   | .....                   | .....                   |
| NY .....              | 1,600          | 1,400        | 1,500             | 60                | 63                | 50                | 118.00                  | 140.00                  | 155.00                  |
| NC .....              | 1,700          | 1,800        | 1,700             | 196               | 225               | 170               | 85.00                   | 85.00                   | 90.00                   |
| OH .....              | 1,000          | 1,100        | 1,100             | 46                | 39                | 53                | 105.00                  | 124.00                  | 120.00                  |
| OR .....              | 3,100          | 3,000        | 2,600             | 402               | 338               | 295               | 37.70                   | 49.20                   | 49.70                   |
| PA .....              | 1,300          | 1,300        | 1,300             | 86                | 73                | 83                | 110.00                  | 137.00                  | 134.00                  |
| VA <sup>3</sup> ..... | 500            | .....        | .....             | 41                | .....             | .....             | 124.00                  | .....                   | .....                   |
| WA .....              | 1,600          | 1,800        | 1,700             | 160               | 162               | 153               | 43.40                   | 51.00                   | 52.20                   |
| WI .....              | 1,000          | 900          | 900               | 46                | 43                | 45                | 110.00                  | 116.00                  | 117.00                  |
| Total .....           | 39,500         | 41,000       | 41,600            | 14,833            | 17,096            | 19,264            | 60.90                   | 59.10                   | 62.00                   |
| US .....              | 46,000         | 47,900       | 48,700            | 16,523            | 18,856            | 20,826            | 64.80                   | 61.70                   | 63.90                   |

<sup>1</sup> Includes quantities used for fresh market and processing. <sup>2</sup> Preliminary. <sup>3</sup> Estimates discontinued in 2002. NASS, Crops Branch, (202) 720-2127.

**Table 5-74.—Fruits, noncitrus: Production, utilization, and value, United States, 1994–2003<sup>1</sup>**

| Year                    | Utilized production | Fresh <sup>2</sup> | Processed  |            |            |            |            |            | Value of utilized production |
|-------------------------|---------------------|--------------------|------------|------------|------------|------------|------------|------------|------------------------------|
|                         |                     |                    | Canned     | Dried      | Juice      | Frozen     | Wine       | Other      |                              |
|                         | 1,000 tons          | 1,000 tons         | 1,000 tons | 1,000 tons | 1,000 tons | 1,000 tons | 1,000 tons | 1,000 tons | 1,000 dollars                |
| 1994 .....              | 17,339              | 6,710              | 2,090      | 2,816      | 1,886      | 665        | 2,711      | 228        | 6,268,533                    |
| 1995 .....              | 16,348              | 6,285              | 1,753      | 2,400      | 1,857      | 647        | 2,992      | 205        | 6,815,962                    |
| 1996 .....              | 16,103              | 6,313              | 1,873      | 2,275      | 1,582      | 604        | 3,043      | 180        | 7,265,788                    |
| 1997 .....              | 18,363              | 6,643              | 2,130      | 2,660      | 1,675      | 699        | 4,035      | 247        | 8,158,095                    |
| 1998 .....              | 16,560              | 6,512              | 1,847      | 1,911      | 1,786      | 710        | 3,315      | 207        | 7,270,414                    |
| 1999 .....              | 17,330              | 6,674              | 1,986      | 2,150      | 1,887      | 719        | 3,351      | 248        | 8,070,535                    |
| 2000 .....              | 18,847              | 7,002              | 1,812      | 3,023      | 1,713      | 695        | 4,130      | 193        | 7,888,435                    |
| 2001 .....              | 16,734              | 6,477              | 1,860      | 2,290      | 1,462      | 669        | 3,569      | 168        | 7,924,741                    |
| 2002 .....              | 17,126              | 6,550              | 1,728      | 2,582      | 1,252      | 594        | 3,999      | 138        | 8,136,447                    |
| 2003 <sup>3</sup> ..... | 16,487              | NA                 | NA         | NA         | NA         | NA         | NA         | NA         | 8,346,140                    |

<sup>1</sup> Includes the following crops: Apples, apricots, avocados, bananas, berries, cherries, cranberries, dates, figs, grapes, guavas, kiwifruit, nectarines, olives, papayas, peaches, pears, pineapples, plums, prunes, and strawberries. <sup>2</sup> Includes "Home Use," local and roadside sales. <sup>3</sup> Preliminary. NA-not available.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-75.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 2002**

| Commodity                        | Jan.         | Feb.         | Mar.          | Apr.         | May           | Jun.          | Jul.          | Aug.          | Sep.          | Oct.          | Nov.          | Dec.          | Total          |
|----------------------------------|--------------|--------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
|                                  | 1,000 cwt.   | 1,000 cwt.   | 1,000 cwt.    | 1,000 cwt.   | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.    | 1,000 cwt.     |
| <b>Citrus:</b>                   |              |              |               |              |               |               |               |               |               |               |               |               |                |
| Grapefruit .....                 | 2,197        | 2,378        | 2,808         | 2,021        | 681           | 228           | 27            | 16            | 211           | 1,604         | 1,861         | 1,937         | 15,969         |
| Lemons .....                     | 72           | 64           | 77            | 102          | 99            | 75            | 89            | 71            | 51            | 51            | 35            | 63            | 849            |
| Limes .....                      | 5            | 4            |               |              |               |               |               |               |               |               |               |               | 9              |
| Oranges .....                    | 1,103        | 857          | 835           | 775          | 723           | 515           | 168           | 167           | 227           | 787           | 1,096         | 1,614         | 8,867          |
| Tangelos .....                   | 86           | 12           | 1             |              |               |               |               |               |               | 4             | 68            | 184           | 355            |
| Templets .....                   | 123          | 103          | 30            |              |               |               |               |               |               |               |               | 10            | 266            |
| <b>Total</b> .....               | <b>3,586</b> | <b>3,418</b> | <b>3,751</b>  | <b>2,898</b> | <b>1,503</b>  | <b>818</b>    | <b>284</b>    | <b>254</b>    | <b>489</b>    | <b>2,446</b>  | <b>3,060</b>  | <b>3,808</b>  | <b>26,315</b>  |
| <b>Noncitrus:</b>                |              |              |               |              |               |               |               |               |               |               |               |               |                |
| Apples .....                     | 3,988        | 4,367        | 5,356         | 3,472        | 3,281         | 2,924         | 1,850         | 2,502         | 3,171         | 3,745         | 4,416         | 3,932         | 43,004         |
| Apricots .....                   |              |              |               |              | 156           | 128           | 73            | 35            | 3             |               |               |               | 395            |
| Avocados .....                   | 227          | 303          | 460           | 409          | 488           | 650           | 591           | 631           | 365           | 222           | 96            | 98            | 4,540          |
| Blueberries .....                |              |              |               | 10           | 66            | 220           | 356           | 106           | 37            | 10            | 1             |               | 806            |
| Cherries .....                   |              |              |               | 4            | 306           | 1,017         | 787           | 64            |               |               |               |               | 2,178          |
| Cranberries .....                |              |              |               |              |               |               |               |               | 4             | 7             | 43            | 7             | 61             |
| Fruits, other <sup>1</sup> ..... | 38           | 33           | 3             |              |               |               | 12            | 44            | 77            | 54            | 58            | 30            | 349            |
| Grapes .....                     | 70           | 5            |               |              | 526           | 1,029         | 1,867         | 2,881         | 2,757         | 2,463         | 2,029         | 1,029         | 14,656         |
| Kiwifruit .....                  | 40           | 23           | 16            | 5            | 1             |               |               |               | 1             | 60            | 110           | 63            | 319            |
| Nectarines .....                 |              |              |               |              | 550           | 1,313         | 1,852         | 1,315         | 562           | 16            |               |               | 5,608          |
| Papaya .....                     | 25           | 7            | 50            | 42           | 18            | 33            | 33            | 44            | 30            | 34            | 35            | 31            | 382            |
| Peaches .....                    |              |              | 5             | 646          | 1,624         | 1,878         | 1,920         | 1,002         | 235           | 11            |               |               | 7,321          |
| Pears .....                      | 987          | 896          | 954           | 429          | 435           | 366           | 414           | 546           | 743           | 937           | 1,303         | 1,140         | 9,150          |
| Persimmons .....                 |              |              |               |              |               |               |               |               |               | 11            | 22            | 3             | 36             |
| Pineapples .....                 | 136          | 133          | 139           | 178          | 235           | 13            | 51            | 150           | 107           | 128           | 117           | 164           | 1,551          |
| Plums .....                      |              |              |               |              | 159           | 462           | 969           | 950           | 613           | 66            |               |               | 3,219          |
| Pomegranates .....               | 1            |              |               |              |               |               |               | 14            | 30            | 41            | 34            | 11            | 131            |
| Prunes .....                     |              |              |               |              |               |               |               | 32            | 26            | 1             |               |               | 59             |
| Strawberries .....               | 357          | 543          | 1,239         | 2,467        | 2,467         | 1,997         | 1,616         | 865           | 690           | 532           | 190           | 173           | 13,136         |
| <b>Total</b> .....               | <b>5,869</b> | <b>6,310</b> | <b>8,217</b>  | <b>7,021</b> | <b>9,334</b>  | <b>11,776</b> | <b>12,349</b> | <b>12,099</b> | <b>10,218</b> | <b>8,562</b>  | <b>8,465</b>  | <b>6,681</b>  | <b>106,901</b> |
| <b>Grand total</b> .....         | <b>9,455</b> | <b>9,728</b> | <b>11,968</b> | <b>9,919</b> | <b>10,837</b> | <b>12,594</b> | <b>12,633</b> | <b>12,353</b> | <b>10,707</b> | <b>11,008</b> | <b>11,525</b> | <b>10,489</b> | <b>133,216</b> |

<sup>1</sup> Not otherwise specified.  
 AMS, Fruit and Vegetable Division, Market News Branch, (202) 720-3343.

**Table 5-76.—Fruits, dried: Production (dry basis), California, 1994–2003**

| Year                    | Apples      | Apricots    | Dates       | Figs <sup>1</sup> | Peaches <sup>2</sup> | Pears <sup>3</sup> | Prunes      | Grapes <sup>4</sup> | Total       |
|-------------------------|-------------|-------------|-------------|-------------------|----------------------|--------------------|-------------|---------------------|-------------|
|                         | <i>Tons</i> | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>       | <i>Tons</i>          | <i>Tons</i>        | <i>Tons</i> | <i>Tons</i>         | <i>Tons</i> |
| 1994 .....              | NA          | 4,800       | 23,000      | 18,200            | 1,450                | 1,300              | 193,000     | 422,000             | 663,750     |
| 1995 .....              | NA          | 1,480       | 22,700      | 16,800            | 1,550                | 800                | 181,000     | 309,200             | 533,530     |
| 1996 .....              | NA          | 2,170       | 23,000      | 14,500            | 1,700                | 700                | 223,000     | 313,900             | 578,970     |
| 1997 .....              | NA          | 1,740       | 21,000      | 18,500            | 1,894                | 800                | 205,000     | 432,800             | 681,734     |
| 1998 .....              | NA          | 1,250       | 24,900      | 16,500            | 1,551                | 1,100              | 103,000     | 281,200             | 429,501     |
| 1999 .....              | NA          | NA          | 22,200      | 15,100            | 1,849                | 1,010              | 165,000     | 348,300             | 553,459     |
| 2000 .....              | NA          | 1,120       | 17,400      | 17,300            | 1,350                | 600                | 201,000     | 493,700             | 732,470     |
| 2001 .....              | NA          | 820         | 19,700      | 13,000            | 1,450                | 500                | 135,000     | 417,100             | 587,570     |
| 2002 .....              | NA          | 1,120       | 24,200      | 16,900            | 1,525                | 460                | 163,000     | 443,400             | 650,605     |
| 2003 <sup>5</sup> ..... | NA          | 900         | 19,400      | 14,500            | 1,070                | 310                | 161,000     | 340,000             | 537,180     |

<sup>1</sup> Standard and standard. <sup>2</sup> Freestone only. <sup>3</sup> Bartlett only. <sup>4</sup> Raisin and table type. <sup>5</sup> Preliminary. NA-not available.

ERS, Specialty Crops Branch, (202) 694-5260.

**Table 5-77.—Raisins: Commercial production in specified countries, 2000/2001–2002/2003**

| Commodity/country   | 2000/2001          | 2001/2002          | 2002/2003 <sup>1</sup> |
|---------------------|--------------------|--------------------|------------------------|
|                     | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>     |
| Australia .....     | 13,676             | 30,492             | 20,000                 |
| Chile .....         | 41,500             | 42,500             | 42,000                 |
| Greece .....        | 28,000             | 28,500             | 10,000                 |
| Mexico .....        | 13,000             | 13,106             | 7,140                  |
| South Africa .....  | 34,843             | 41,987             | 42,000                 |
| Turkey .....        | 285,000            | 220,000            | 220,000                |
| United States ..... | 439,531            | 353,802            | 386,279                |
| Total .....         | 855,550            | 730,387            | 727,419                |

<sup>1</sup> Preliminary.

FAS, Horticultural and Tropical Products Division, (202) 720-3423. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 5-78.—Fruits, frozen: Commercial pack, United States, 1993–2002**

| Commodity                                    | 1993                | 1994                | 1995                | 1996                | 1997                | 1998                | 1999                | 2000                | 2001                | 2002                |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|  | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| Apples .....                                 | 93,016              | 91,709              | 113,278             | 114,332             | 119,180             | 124,866             | 111,944             | 141,820             | 146,145             | 123,232             |
| Apricots .....                               | 17,901              | 18,192              | 10,046              | 17,759              | 24,267              | 20,929              | 18,492              | 22,786              | 30,638              | 20,591              |
| Cherries, sweet ..                           | 16,037              | 18,480              | 27,032              | 14,945              | 24,515              | 21,628              | 13,640              | 15,901              | 13,101              | 9,062               |
| Peaches .....                                | 94,381              | 102,073             | 89,743              | 109,598             | 124,220             | 110,491             | 123,942             | 148,083             | 131,694             | 135,884             |
| Plums and<br>prunes .....                    | 870                 | 1,181               | 1,042               | 1,736               | 789                 | 1,518               | 986                 | 1,331               | 1,380               | 680                 |
| Purees, noncitrus                            | 63,928              | 63,122              | 71,862              | 78,457              | 85,333              | 100,239             | 85,535              | 74,663              | 58,924              | 36,052              |
| Berries:                                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
| Blackberries ....                            | 23,118              | 24,226              | 26,823              | 20,404              | 26,272              | 24,734              | 23,895              | 26,857              | 22,884              | 25,074              |
| Blueberries .....                            | 139,059             | 110,017             | 118,064             | 90,085              | 122,767             | 90,850              | 96,567              | 102,185             | 98,369              | 39,887              |
| Boysenberries ..                             | 4,437               | 5,105               | 3,459               | 5,288               | 4,983               | 3,338               | 4,703               | 3,597               | 3,537               | 3,174               |
| Loganberries ...                             | 89                  | 59                  | ( <sup>1</sup> )    | ( <sup>1</sup> )    | ( <sup>1</sup> )    | ( <sup>1</sup> )    | ( <sup>1</sup> )    | ( <sup>1</sup> )    | ( <sup>1</sup> )    | ( <sup>1</sup> )    |
| Raspberries .....                            | 25,479              | 29,900              | 40,109              | 25,118              | 27,504              | 23,851              | 23,324              | 23,902              | 21,736              | 12,220              |
| Strawberries ....                            | 365,663             | 369,035             | 371,138             | 330,139             | 328,150             | 373,824             | 419,768             | 439,749             | 422,371             | 415,865             |
| Miscellaneous<br>fruits and<br>berries ..... | 136,813             | 173,099             | 140,140             | 136,526             | 110,644             | 107,716             | 101,907             | 135,066             | 54,799              | 5,197               |
| Total .....                                  | 980,791             | 1,006,198           | 1,012,736           | 944,387             | 998,624             | 1,003,984           | 1,024,703           | 1,135,940           | 1,005,578           | 826,918             |

<sup>1</sup> Included in miscellaneous.

ERS, Specialty Crops Branch, (202) 694-5260. Data from American Frozen Food Institute.

**Table 5-79.—Fruits: Per capita consumption, United States, 1993–2002<sup>1</sup>**

| Year                    | Fruits used fresh         |                               |                            |
|-------------------------|---------------------------|-------------------------------|----------------------------|
|                         | Citrus fruit <sup>2</sup> | Noncitrus fruits <sup>3</sup> | Canned fruits <sup>4</sup> |
|                         | Per capita                | Per capita                    | Per capita                 |
|                         | <i>Pounds</i>             | <i>Pounds</i>                 | <i>Pounds</i>              |
| 1993 .....              | 25.8                      | 72.3                          | 17.8                       |
| 1994 .....              | 24.7                      | 75.1                          | 18.1                       |
| 1995 .....              | 23.9                      | 73.2                          | 14.7                       |
| 1996 .....              | 24.6                      | 73.0                          | 16.1                       |
| 1997 .....              | 26.5                      | 75.2                          | 17.6                       |
| 1998 .....              | 26.6                      | 75.1                          | 15.1                       |
| 1999 .....              | 20.3                      | 80.6                          | 16.7                       |
| 2000 .....              | 23.4                      | 77.4                          | 15.3                       |
| 2001 .....              | 24.1                      | 73.7                          | 15.5                       |
| 2002 <sup>8</sup> ..... | 22.9                      | 76.4                          | 14.7                       |

  

| Year                    | Juice <sup>5</sup> | Frozen fruit <sup>6</sup> | Dried fruits <sup>7</sup> |
|-------------------------|--------------------|---------------------------|---------------------------|
|                         | Per capita         | Per capita                | Per capita                |
|                         | <i>Gallons</i>     | <i>Pounds</i>             | <i>Pounds</i>             |
| 1993 .....              | 8.3                | 3.4                       | 3.0                       |
| 1994 .....              | 8.0                | 3.4                       | 2.9                       |
| 1995 .....              | 8.8                | 3.8                       | 2.7                       |
| 1996 .....              | 8.7                | 3.6                       | 2.8                       |
| 1997 .....              | 9.2                | 3.3                       | 2.7                       |
| 1998 .....              | 9.1                | 3.7                       | 2.8                       |
| 1999 .....              | 9.3                | 3.4                       | 2.5                       |
| 2000 .....              | 8.5                | 3.4                       | 2.5                       |
| 2001 .....              | 8.4                | 4.2                       | 2.4                       |
| 2002 <sup>8</sup> ..... | 8.1                | 4.3                       | 2.6                       |

<sup>1</sup> Fresh citrus fruits, canned fruit, and fruit juices are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita consumption was obtained by dividing the total consumption by total population. <sup>2</sup> Oranges and lemons, tangerines and tangelos, lemons, limes, and grapefruit. <sup>3</sup> Apples, apricots, avocados, bananas, cherries, cranberries, grapes, kiwifruit, mangoes, peaches and nectarines, pears, pineapples, papayas, plums and prunes, and strawberries. <sup>4</sup> Apples, apricots, cherries, olives, peaches, pears, pineapples, and plums and prunes. <sup>5</sup> Orange, grapefruit, lemon, lime, apple, grape, pineapple, prune, and cranberry. <sup>6</sup> Blackberries, blueberries, raspberries, strawberries, other berries, apples, apricots, cherries, and peaches. <sup>7</sup> Apples, apricots, dates, figs, peaches, pears, prunes, and raisins. Dried data in terms of processed weight. <sup>8</sup> Preliminary.

ERS, Specialty Crops Branch, (202) 694-5260.

**Table 5-80.—All tree nuts: Supply and utilization, United States, 1993/94–2002/03**

| Market year <sup>1</sup>     | Beginning stocks | Marketable production <sup>2</sup> | Imports | Total supply | Exports | Ending stocks | Domestic consumption |                   |
|------------------------------|------------------|------------------------------------|---------|--------------|---------|---------------|----------------------|-------------------|
|                              |                  |                                    |         |              |         |               | Total                | Per capita Pounds |
| —Million pounds (shelled)—   |                  |                                    |         |              |         |               |                      |                   |
| 1993/94 .....                | 237.0            | 947.1                              | 214.5   | 1,398.7      | 508.4   | 279.7         | 610.6                | 2.33              |
| 1994/95 .....                | 279.7            | 1,061.5                            | 218.9   | 1,560.2      | 629.2   | 334.1         | 596.9                | 2.25              |
| 1995/96 .....                | 334.1            | 770.1                              | 204.0   | 1,308.2      | 545.7   | 251.9         | 510.6                | 1.91              |
| 1996/97 .....                | 251.9            | 816.9                              | 226.0   | 1,294.8      | 607.2   | 156.4         | 523.5                | 1.93              |
| 1997/98 .....                | 156.4            | 1,214.4                            | 234.3   | 1,605.2      | 682.1   | 348.7         | 572.2                | 2.09              |
| 1998/99 .....                | 348.7            | 851.8                              | 242.0   | 1,439.4      | 612.8   | 223.9         | 602.8                | 2.17              |
| 1999/2000 .....              | 223.9            | 1,295.7                            | 283.4   | 1,803.0      | 730.7   | 365.6         | 706.7                | 2.52              |
| 2000/2001 .....              | 365.6            | 1,110.1                            | 297.0   | 1,772.7      | 851.1   | 273.1         | 648.4                | 2.28              |
| 2001/2002 .....              | 271.8            | 1,325.0                            | 322.5   | 1,920.6      | 843.4   | 286.2         | 791.0                | 2.75              |
| 2002/2003 <sup>3</sup> ..... | 280.1            | 1,536.5                            | 353.7   | 2,170.2      | 924.0   | 363.1         | 883.2                | 3.04              |

<sup>1</sup> Marketing season begins July 1 for almonds, hazelnuts, macadamias, pecans, and other nuts; August 1 for walnuts; and September 1 for pistachios. <sup>2</sup> Utilized production (NASS data) minus inedibles and noncommercial usage. <sup>3</sup> Preliminary.

ERS, Specialty Crops Branch, (202) 694-5260.

**Table 5-81.—Tree nuts: Commercial production in specified countries, 2000/2001–2002/2003**

| Commodity and country              | 2000/2001                | 2001/2002                | 2002/2003 <sup>1</sup>   |
|------------------------------------|--------------------------|--------------------------|--------------------------|
|                                    | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| <b>Almonds (shelled basis):</b>    |                          |                          |                          |
| Greece .....                       | 15.5                     | 13.0                     | 17.0                     |
| India .....                        | .....                    | 1.0                      | 1.1                      |
| Italy .....                        | 10                       | 18.0                     | 9.0                      |
| Spain .....                        | 53                       | 57.0                     | 66.0                     |
| Turkey .....                       | 15.5                     | 14.0                     | 14.0                     |
| United States .....                | 303.7                    | 376.5                    | 494.4                    |
| <b>Total .....</b>                 | <b>397.7</b>             | <b>479.5</b>             | <b>601.5</b>             |
| <b>Hazelnuts (in-shell basis):</b> |                          |                          |                          |
| Italy .....                        | 83.0                     | 130.0                    | 120.0                    |
| Spain .....                        | 16.0                     | 26.0                     | 22.0                     |
| Turkey .....                       | 490                      | 725                      | 625                      |
| United States .....                | 22.7                     | 44.8                     | 16.3                     |
| <b>Total .....</b>                 | <b>611.7</b>             | <b>925.8</b>             | <b>783.3</b>             |
| <b>Walnuts:</b>                    |                          |                          |                          |
| Chile .....                        | 11.8                     | 12.4                     | 12.5                     |
| China .....                        | 310.0                    | 252.3                    | 340.0                    |
| France .....                       | 25.6                     | 27.8                     | 33.3                     |
| India .....                        | 31.0                     | 29                       | 30.0                     |
| Italy .....                        | 16.0                     | 13                       | 20.0                     |
| Turkey .....                       | 69.0                     | 68                       | 60.0                     |
| United States .....                | 216.8                    | 276.7                    | 255.2                    |
| <b>Total .....</b>                 | <b>680.2</b>             | <b>679.2</b>             | <b>751.2</b>             |

<sup>1</sup> Preliminary.

FAS, Horticultural and Tropical Products Division, (202) 720-3423. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

**Table 5-82.—Almonds (shelled basis): Bearing acreage, yield, production, price, and value, California, 1994–2003<sup>1</sup>**

| Year                    | Bearing Acreage | Yield per acre | Production          | Price per pound | Value                |
|-------------------------|-----------------|----------------|---------------------|-----------------|----------------------|
|                         | <i>Acres</i>    | <i>Pounds</i>  | <i>1,000 pounds</i> | <i>Dollars</i>  | <i>1,000 dollars</i> |
| 1994 .....              | 433,000         | 1,700          | 735,000             | 1.34            | 965,202              |
| 1995 .....              | 418,000         | 885            | 370,000             | 2.48            | 880,896              |
| 1996 .....              | 428,000         | 1,190          | 510,000             | 2.08            | 1,018,368            |
| 1997 .....              | 442,000         | 1,720          | 759,000             | 1.56            | 1,160,640            |
| 1998 .....              | 460,000         | 1,130          | 520,000             | 1.41            | 703,590              |
| 1999 .....              | 480,000         | 1,740          | 833,000             | 0.86            | 687,742              |
| 2000 .....              | 500,000         | 1,410          | 703,000             | 0.97            | 666,487              |
| 2001 .....              | 525,000         | 1,580          | 830,000             | 0.91            | 740,012              |
| 2002 .....              | 530,000         | 2,060          | 1,090,000           | 1.11            | 1,200,687            |
| 2003 <sup>2</sup> ..... | 530,000         | 1,920          | 1,020,000           | 1.42            | 1,419,432            |

<sup>1</sup> Price and value are based on edible portion of the crop only. Included in production are inedible quantities of no value as follows (million pounds): 1994-14.7; 1995-14.8; 1996-20.4; 1997-15.0; 1998-21.0; 1999-33.2; 2000-15.9; 2001-16.8; 2002-8.3; 2003-20.0. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-83.—Almonds (shelled basis<sup>1</sup>): Foreign trade, United States, 1993–2002**

| Year beginning October | Imports            | Domestic exports   |
|------------------------|--------------------|--------------------|
|                        | <i>Metric tons</i> | <i>Metric tons</i> |
| 1993 .....             | 47                 | 125,014            |
| 1994 .....             | 66                 | 213,657            |
| 1995 .....             | 68                 | 279,338            |
| 1996 .....             | 25                 | 162,629            |
| 1997 .....             | 27                 | 182,171            |
| 1998 .....             | 29                 | 184,580            |
| 1999 .....             | 39                 | 197,271            |
| 2000 .....             | 173                | 225,550            |
| 2001 .....             | 319                | 261,563            |
| 2002 .....             | 750                | 289,622            |

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 1.67 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 1.67 to 1.0.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694-5260.

**Table 5-84.—Hazelnuts (in-shell basis): Bearing acreage, yield, production, price, and value, Oregon, Washington, and United States, 1994–2003**

| Year                    | Bearing Acreage | Yield per acre | Production | Price per ton | Value         |
|-------------------------|-----------------|----------------|------------|---------------|---------------|
|                         | Acres           | Tons           | Tons       | Dollars       | 1,000 dollars |
| Oregon                  |                 |                |            |               |               |
| 1994 .....              | 27,200          | 0.77           | 21,000     | 834           | 17,514        |
| 1995 .....              | 27,600          | 1.40           | 38,700     | 913           | 35,333        |
| 1996 .....              | 28,200          | 0.66           | 18,750     | 859           | 16,106        |
| 1997 .....              | 28,600          | 1.63           | 46,650     | 899           | 41,938        |
| 1998 .....              | 29,100          | 0.53           | 15,400     | 964           | 14,846        |
| 1999 .....              | 28,800          | 1.38           | 39,700     | 890           | 35,333        |
| 2000 .....              | 28,300          | 0.79           | 22,300     | 890           | 19,847        |
| 2001 .....              | 28,100          | 1.76           | 49,500     | 701           | 34,700        |
| 2002 .....              | 30,000          | 0.65           | 19,500     | 1,000         | 19,500        |
| 2003 <sup>1</sup> ..... | 30,000          | 1.17           | 35,000     | 1,050         | 36,750        |
| Washington              |                 |                |            |               |               |
| 1994 .....              | 350             | 0.57           | 200        | 900           | 180           |
| 1995 .....              | 380             | 0.79           | 300        | 935           | 281           |
| 1996 .....              | 400             | 0.63           | 250        | 940           | 235           |
| 1997 .....              | 400             | 0.88           | 350        | 940           | 329           |
| 1998 .....              | 430             | 0.23           | 100        | 960           | 96            |
| 1999 .....              | 400             | 0.75           | 300        | 900           | 270           |
| 2000 .....              | 350             | 0.57           | 200        | 960           | 192           |
| 2001 <sup>2</sup> ..... | .....           | .....          | .....      | .....         | .....         |
| 2002 .....              | .....           | .....          | .....      | .....         | .....         |
| 2003 .....              | .....           | .....          | .....      | .....         | .....         |
| United States           |                 |                |            |               |               |
| 1994 .....              | 27,550          | 0.77           | 21,200     | 835           | 17,694        |
| 1995 .....              | 27,980          | 1.39           | 39,000     | 913           | 35,614        |
| 1996 .....              | 28,600          | 0.66           | 19,000     | 860           | 16,341        |
| 1997 .....              | 29,000          | 1.62           | 47,000     | 899           | 42,267        |
| 1998 .....              | 29,530          | 0.52           | 15,500     | 964           | 14,942        |
| 1999 .....              | 29,200          | 1.37           | 40,000     | 890           | 35,603        |
| 2000 .....              | 28,650          | 0.79           | 22,500     | 891           | 20,039        |
| 2001 .....              | 28,100          | 1.76           | 49,500     | 701           | 34,700        |
| 2002 .....              | 30,000          | 0.65           | 19,500     | 1,000         | 19,500        |
| 2003 <sup>1</sup> ..... | 30,000          | 1.17           | 35,000     | 1,050         | 36,750        |

<sup>1</sup> Preliminary. <sup>2</sup> WA discontinued.  
NASS, Crops Branch, (202) 720-2127.

**Table 5-85.—Hazelnuts (shelled basis<sup>1</sup>): Foreign trade, United States, 1993–2002**

| Year beginning October | Imports     | Domestic exports |
|------------------------|-------------|------------------|
|                        | Metric tons | Metric tons      |
| 1993 .....             | 2,937       | 3,738            |
| 1994 .....             | 6,927       | 4,117            |
| 1995 .....             | 3,525       | 6,849            |
| 1996 .....             | 3,718       | 5,825            |
| 1997 .....             | 4,265       | 10,119           |
| 1998 .....             | 5,484       | 3,999            |
| 1999 .....             | 5,425       | 6,563            |
| 2000 .....             | 5,129       | 5,706            |
| 2001 .....             | 6,736       | 11,110           |
| 2002 .....             | 6,441       | 4,523            |

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.22 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

ERS, Specialty Crops Branch, (202) 694-5260.

**Table 5-86.—Macadamia nuts (in-shell basis): Bearing acreage, yield, production, price, and value, Hawaii, 1994–2003**

| Year                    | Bearing Acreage | Yield per acre | Production   | Price per pound | Value         |
|-------------------------|-----------------|----------------|--------------|-----------------|---------------|
|                         | Acres           | Pounds         | 1,000 pounds | Cents           | 1,000 dollars |
| 1994 .....              | 18,500          | 2,840          | 52,500       | 69.0            | 36,225        |
| 1995 .....              | 19,300          | 2,640          | 51,000       | 74.0            | 37,740        |
| 1996 .....              | 19,200          | 2,940          | 56,500       | 78.0            | 44,070        |
| 1997 .....              | 19,200          | 3,020          | 58,000       | 75.0            | 43,500        |
| 1998 .....              | 19,200          | 2,990          | 57,500       | 65.0            | 37,375        |
| 1999 .....              | 18,900          | 2,990          | 56,500       | 67.0            | 37,855        |
| 2000 .....              | 17,700          | 2,820          | 50,000       | 59.0            | 29,500        |
| 2001 .....              | 17,800          | 3,150          | 56,000       | 59.0            | 33,040        |
| 2002 .....              | 17,800          | 2,980          | 53,000       | 57.0            | 30,210        |
| 2003 <sup>1</sup> ..... | 17,800          | 2,870          | 51,000       | 59.0            | 30,090        |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 5-87.—Pecans (in-shell basis): Production, price per pound, and value, United States, 1994–2003**

| Year                    | Improved varieties |       |               | Native and seedling |       |               | All pecans   |       |               |
|-------------------------|--------------------|-------|---------------|---------------------|-------|---------------|--------------|-------|---------------|
|                         | Production         | Price | Value         | Production          | Price | Value         | Production   | Price | Value         |
|                         | 1,000 pounds       | Cents | 1,000 dollars | 1,000 pounds        | Cents | 1,000 dollars | 1,000 pounds | Cents | 1,000 dollars |
| 1994 .....              | 118,900            | 115.0 | 136,945       | 59,600              | 76.4  | 45,531        | 199,000      | 104.0 | 207,345       |
| 1995 .....              | 174,800            | 112.0 | 195,216       | 76,800              | 72.5  | 55,678        | 267,500      | 101.0 | 271,377       |
| 1996 <sup>1</sup> ..... | 165,125            | 68.9  | 113,749       | 44,375              | 46.4  | 20,606        | 209,500      | 64.1  | 134,355       |
| 1997 .....              | 202,900            | 93.3  | 189,226       | 132,100             | 53.0  | 69,994        | 335,000      | 77.4  | 259,220       |
| 1998 .....              | 112,000            | 135.0 | 150,908       | 34,400              | 77.2  | 26,544        | 146,400      | 121.0 | 177,452       |
| 1999 .....              | 219,400            | 101.0 | 222,647       | 186,700             | 57.7  | 107,751       | 406,100      | 81.4  | 330,398       |
| 2000 .....              | 160,550            | 126.0 | 201,575       | 49,300              | 75.4  | 37,193        | 209,850      | 114.0 | 238,768       |
| 2001 .....              | 246,550            | 66.2  | 163,204       | 91,950              | 41.2  | 37,897        | 338,500      | 59.4  | 201,101       |
| 2002 .....              | 130,720            | 107.0 | 139,597       | 42,180              | 60.3  | 25,436        | 172,900      | 95.5  | 165,033       |
| 2003 <sup>2</sup> ..... | 203,600            | 111.0 | 226,489       | 58,600              | 62.7  | 36,722        | 262,200      | 100.0 | 263,211       |

<sup>1</sup> MO and TN discontinued. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720–2127.

**Table 5-88.—Pecans (in-shell basis): Production and marketing year average price per pound, by States, 2001–2003**

| Item and State                        | Production   |              |                   | Price for crop of— |         |                   |
|---------------------------------------|--------------|--------------|-------------------|--------------------|---------|-------------------|
|                                       | 2001         | 2002         | 2003 <sup>1</sup> | 2001               | 2002    | 2003 <sup>1</sup> |
|                                       | 1,000 pounds | 1,000 pounds | 1,000 pounds      | Dollars            | Dollars | Dollars           |
| <b>IMPROVED VARIETIES<sup>2</sup></b> |              |              |                   |                    |         |                   |
| AL .....                              | 10,000       | 4,000        | 7,000             | 0.580              | 0.670   | 0.840             |
| AZ .....                              | 21,000       | 16,000       | 23,500            | 0.460              | 1.030   | 1.280             |
| AR .....                              | 1,950        | 1,200        | 1,400             | 0.600              | 0.600   | 1.100             |
| CA .....                              | 3,700        | 3,800        | 3,600             | 0.810              | 1.270   | 1.190             |
| FL .....                              | 1,200        | 500          | 500               | 0.510              | 0.870   | 1.000             |
| GA .....                              | 85,000       | 42,000       | 50,000            | 0.660              | 1.020   | 1.020             |
| LA .....                              | 3,500        | 2,000        | 5,000             | 0.600              | 0.890   | 1.060             |
| MS .....                              | 3,000        | 2,100        | 3,500             | 0.650              | 0.950   | 0.880             |
| NM .....                              | 60,000       | 36,000       | 55,000            | 0.640              | 1.250   | 1.200             |
| NC .....                              | 2,700        | 1,500        | 2,200             | 0.650              | 0.950   | 0.850             |
| OK .....                              | 2,000        | 1,500        | 2,000             | 0.530              | 0.600   | 0.700             |
| SC .....                              | 2,500        | 120          | 900               | 0.640              | 0.970   | 0.750             |
| TX .....                              | 50,000       | 20,000       | 49,000            | 0.800              | 1.020   | 1.120             |
| US .....                              | 246,550      | 130,720      | 203,600           | 0.662              | 1.070   | 1.110             |
| <b>NATIVE AND SEEDLING</b>            |              |              |                   |                    |         |                   |
| AL .....                              | 5,000        | 1,000        | 1,000             | 0.360              | 0.490   | 0.660             |
| AR .....                              | 650          | 500          | 900               | 0.400              | 0.500   | 0.720             |
| FL .....                              | 2,100        | 900          | 1,600             | 0.420              | 0.500   | 0.600             |
| GA .....                              | 25,000       | 3,000        | 10,000            | 0.450              | 0.680   | 0.600             |
| KS .....                              | 2,200        | 2,900        | 2,200             | 0.400              | 0.750   | 0.870             |
| LA .....                              | 10,500       | 4,000        | 10,000            | 0.350              | 0.500   | 0.600             |
| MS .....                              | 1,500        | 900          | 1,500             | 0.450              | 0.550   | 0.460             |
| NC .....                              | 500          | 400          | 300               | 0.450              | 0.600   | 0.500             |
| OK .....                              | 18,000       | 8,500        | 10,000            | 0.420              | 0.500   | 0.600             |
| SC .....                              | 1,500        | 80           | 100               | 0.460              | 0.570   | 0.500             |
| TX .....                              | 25,000       | 20,000       | 21,000            | 0.400              | 0.650   | 0.650             |
| US .....                              | 91,950       | 42,180       | 58,600            | 0.412              | 0.603   | 0.627             |
| <b>ALL PECANS</b>                     |              |              |                   |                    |         |                   |
| AL .....                              | 15,000       | 5,000        | 8,000             | 0.507              | 0.634   | 0.818             |
| AZ .....                              | 21,000       | 16,000       | 23,500            | 0.460              | 1.030   | 1.280             |
| AR .....                              | 2,600        | 1,700        | 2,300             | 0.550              | 0.571   | 0.951             |
| CA .....                              | 3,700        | 3,800        | 3,600             | 0.810              | 1.270   | 1.190             |
| FL .....                              | 3,300        | 1,400        | 2,100             | 0.453              | 0.632   | 0.695             |
| GA .....                              | 110,000      | 45,000       | 60,000            | 0.612              | 1.000   | 0.950             |
| KS .....                              | 2,200        | 2,900        | 2,200             | 0.400              | 0.750   | 0.870             |
| LA .....                              | 14,000       | 6,000        | 15,000            | 0.413              | 0.630   | 0.753             |
| MS .....                              | 4,500        | 3,000        | 5,000             | 0.583              | 0.830   | 0.754             |
| NM .....                              | 60,000       | 36,000       | 55,000            | 0.640              | 1.250   | 1.200             |
| NC .....                              | 3,200        | 1,900        | 2,500             | 0.619              | 0.876   | 0.808             |
| OK .....                              | 20,000       | 10,000       | 12,000            | 0.431              | 0.515   | 0.617             |
| SC .....                              | 4,000        | 200          | 1,000             | 0.573              | 0.810   | 0.725             |
| TX .....                              | 75,000       | 40,000       | 70,000            | 0.667              | 0.835   | 0.979             |
| US .....                              | 338,500      | 172,900      | 262,200           | 0.594              | 0.955   | 1.000             |

<sup>1</sup> Preliminary. <sup>2</sup> Budded, grafted or topworked varieties.

NASS, Crops Branch, (202) 720–2127.

**Table 5-89.—Pecans (shelled basis<sup>1</sup>): Foreign trade, United States, 1993–2002**

| Year beginning October | Imports            | Domestic exports   |
|------------------------|--------------------|--------------------|
|                        | <i>Metric tons</i> | <i>Metric tons</i> |
| 1993 .....             | 9,192              | 7,616              |
| 1994 .....             | 13,571             | 6,119              |
| 1995 .....             | 12,782             | 7,917              |
| 1996 .....             | 10,743             | 8,819              |
| 1997 .....             | 14,577             | 9,774              |
| 1998 .....             | 16,071             | 7,886              |
| 1999 .....             | 12,152             | 9,238              |
| 2000 .....             | 12,902             | 8,963              |
| 2001 .....             | 14,323             | 11,115             |
| 2002 .....             | 14,555             | 13,238             |

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

ERS, Specialty Crops Branch, (202) 694–5260.

**Table 5-90.—Pistachios (in-shell basis): Bearing acreage, yield, production, price, and value, California, 1994–2003**

| Year                    | Bearing Acreage | Yield per acre | Production          | Price per ton  | Value                |
|-------------------------|-----------------|----------------|---------------------|----------------|----------------------|
|                         | <i>Acres</i>    | <i>Pounds</i>  | <i>1,000 pounds</i> | <i>Dollars</i> | <i>1,000 dollars</i> |
| 1994 .....              | 57,500          | 2,240          | 129,000             | 0.921          | 118,809              |
| 1995 .....              | 60,300          | 2,450          | 148,000             | 1.09           | 161,320              |
| 1996 .....              | 64,300          | 1,630          | 105,000             | 1.16           | 121,800              |
| 1997 .....              | 65,400          | 2,750          | 180,000             | 1.13           | 203,400              |
| 1998 .....              | 68,000          | 2,760          | 188,000             | 1.03           | 193,640              |
| 1999 .....              | 71,000          | 1,730          | 123,000             | 1.33           | 163,590              |
| 2000 .....              | 74,600          | 3,260          | 243,000             | 1.01           | 245,430              |
| 2001 .....              | 78,000          | 2,060          | 161,000             | 1.01           | 162,610              |
| 2002 .....              | 83,000          | 3,650          | 303,000             | 1.10           | 333,300              |
| 2003 <sup>1</sup> ..... | 88,000          | 1,320          | 116,000             | 1.15           | 133,400              |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720–2127.

**Table 5-91.—Walnuts (English): Bearing acreage, yield, production, price, and value, California, 1994–2003**

| Year                    | Bearing Acreage | Yield per acre | Production  | Price per ton  | Value                |
|-------------------------|-----------------|----------------|-------------|----------------|----------------------|
|                         | <i>Acres</i>    | <i>Tons</i>    | <i>Tons</i> | <i>Dollars</i> | <i>1,000 dollars</i> |
| 1994 .....              | 189,000         | 1.23           | 232,000     | 1,030          | 238,960              |
| 1995 .....              | 193,000         | 1.21           | 234,000     | 1,400          | 327,600              |
| 1996 .....              | 192,000         | 1.08           | 208,000     | 1,580          | 328,640              |
| 1997 .....              | 193,000         | 1.39           | 269,000     | 1,430          | 384,670              |
| 1998 .....              | 193,000         | 1.18           | 227,000     | 1,050          | 238,350              |
| 1999 .....              | 191,000         | 1.48           | 283,000     | 886            | 250,738              |
| 2000 .....              | 193,000         | 1.24           | 239,000     | 1,240          | 296,360              |
| 2001 .....              | 196,000         | 1.56           | 305,000     | 1,120          | 341,600              |
| 2002 .....              | 200,000         | 1.41           | 282,000     | 1,080          | 304,560              |
| 2003 <sup>1</sup> ..... | 205,000         | 1.59           | 325,000     | NA             | NA                   |

<sup>1</sup> Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

**Table 5-92.—Walnuts (shelled basis<sup>1</sup>): Foreign trade, United States, 1993–2002**

| Year beginning October | Imports            | Domestic exports   |
|------------------------|--------------------|--------------------|
|                        | <i>Metric tons</i> | <i>Metric tons</i> |
| 1993 .....             | 336                | 38,396             |
| 1994 .....             | 319                | 42,080             |
| 1995 .....             | 1,050              | 45,997             |
| 1996 .....             | 2,662              | 46,811             |
| 1997 .....             | 97                 | 39,408             |
| 1998 .....             | 111                | 40,933             |
| 1999 .....             | 76                 | 41,428             |
| 2000 .....             | 523                | 41,918             |
| 2001 .....             | 49                 | 46,937             |
| 2002 .....             | 127                | 49,891             |

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

ERS, Specialty Crops Branch, (202) 694–5260.



**Table 5-93.—Cacao beans: United States imports by country of origin, 2000–2002**

| Continent and country                        | 2000               | 2001               | 2002 <sup>1</sup>  |
|--|--------------------|--------------------|--------------------|
|  | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>North America:</b>                        |                    |                    |                    |
| Canada .....                                 | 56                 | 47                 | 23                 |
| Costa Rica .....                             | 39                 | 19                 | 0                  |
| Dominican Republic .....                     | 18,090             | 27,974             | 24,248             |
| El Salvador .....                            | 0                  | 1                  | 3                  |
| Haiti .....                                  | 1,560              | 1,732              | 2,585              |
| Jamaica .....                                | 0                  | 13                 | 13                 |
| Leeward-Windward Isl .....                   | 16                 | 16                 | 14                 |
| Mexico .....                                 | 200                | 896                | 1,106              |
| Nicaragua .....                              | 0                  | 2                  | 0                  |
| Panama .....                                 | 38                 | 57                 | 16                 |
| Trinidad and Tobago .....                    | 64                 | 50                 | 63                 |
| <b>Total .....</b>                           | <b>20,063</b>      | <b>30,807</b>      | <b>28,071</b>      |
| <b>South America:</b>                        |                    |                    |                    |
| Argentina .....                              | 0                  | 0                  | 0                  |
| Brazil .....                                 | 340                | 20                 | 40                 |
| Colombia .....                               | 68                 | 38                 | 70                 |
| Ecuador .....                                | 13,505             | 20,325             | 19,264             |
| Venezuela .....                              | 285                | 225                | 344                |
| <b>Total .....</b>                           | <b>14,198</b>      | <b>20,608</b>      | <b>19,718</b>      |
| <b>Africa:</b>                               |                    |                    |                    |
| Cameroon .....                               | 0                  | 20                 | 20                 |
| Cote d'Ivoire .....                          | 242,637            | 191,720            | 138,092            |
| Ghana .....                                  | 50,633             | 35,234             | 7,100              |
| Madagascar .....                             | 63                 | 0                  | 38                 |
| Nigeria .....                                | 10                 | 1,198              | 4,807              |
| <b>Total .....</b>                           | <b>293,343</b>     | <b>228,172</b>     | <b>150,057</b>     |
| <b>Asia and Oceania:</b>                     |                    |                    |                    |
| China, Peoples Republic of .....             | 100                | 0                  | 0                  |
| India .....                                  | 0                  | 500                | 13                 |
| Indonesia .....                              | 130,563            | 140,676            | 111,710            |
| Malaysia .....                               | 0                  | 0                  | 180                |
| New Zealand (exc. Cook; Niue; & Tokela ..... | 0                  | 0                  | 40                 |
| Papua New Guinea .....                       | 9,235              | 13,326             | 12,934             |
| Singapore .....                              | 1,560              | 0                  | 0                  |
| Western Samoa .....                          | 2                  | 0                  | 0                  |
| <b>Total .....</b>                           | <b>141,460</b>     | <b>154,502</b>     | <b>124,877</b>     |
| <b>Europe:</b>                               |                    |                    |                    |
| France .....                                 | 1,802              | 0                  | 0                  |
| Moldova Republic of .....                    | 13                 | 0                  | 0                  |
| Netherlands .....                            | 19                 | 13                 | 26                 |
| Spain .....                                  | 5                  | 4                  | 9                  |
| United Kingdom .....                         | 0                  | 0                  | 500                |
| <b>Total .....</b>                           | <b>1,839</b>       | <b>17</b>          | <b>535</b>         |
| <b>Grand total .....</b>                     | <b>470,900</b>     | <b>434,105</b>     | <b>323,257</b>     |

<sup>1</sup> Preliminary.

FAS, Horticultural and Tropical Products Division, (202) 720-3423. Compiled from reports of the U.S. Department of Commerce.

**Table 5-94.—Coffee: United States imports by country of origin, 2000–2002<sup>1</sup>**

| Continent and country              | 2000               | 2001               | 2002 <sup>2</sup>  |
|------------------------------------|--------------------|--------------------|--------------------|
|                                    | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| North America: <sup>3</sup>        |                    |                    |                    |
| Mexico .....                       | 216,576            | 115,714            | 112,844            |
| Guatemala .....                    | 142,650            | 122,196            | 97,453             |
| El Salvador .....                  | 72,524             | 30,365             | 28,140             |
| Honduras .....                     | 48,358             | 30,780             | 24,406             |
| Nicaragua .....                    | 29,107             | 27,324             | 21,223             |
| Costa Rica .....                   | 42,327             | 52,999             | 57,751             |
| Panama .....                       | 6,337              | 5,967              | 4,174              |
| Total .....                        | 557,879            | 385,345            | 345,991            |
| South America:                     |                    |                    |                    |
| Colombia .....                     | 188,810            | 193,027            | 213,046            |
| Venezuela .....                    | 1,930              | 115                | 10,154             |
| Ecuador .....                      | 9,815              | 13,504             | 8,425              |
| Peru .....                         | 51,400             | 41,517             | 50,470             |
| Brazil .....                       | 154,178            | 168,522            | 292,175            |
| Total .....                        | 406,133            | 416,685            | 574,270            |
| Africa:                            |                    |                    |                    |
| Cote d'Ivoire .....                | 14,251             | 5,152              | 1,358              |
| Burundi .....                      | 4,436              | 1,906              | 833                |
| Rwanda .....                       | 1,437              | 3,574              | 2,274              |
| Ethiopia .....                     | 5,478              | 4,793              | 4,408              |
| Uganda .....                       | 9,174              | 8,194              | 5,634              |
| Kenya .....                        | 5,452              | 5,901              | 5,018              |
| Tanzania, United Republic of ..... | 1,197              | 1,261              | 671                |
| Madagascar .....                   | 2,521              | 2,386              | 3                  |
| Total .....                        | 43,946             | 33,167             | 20,199             |
| Asia and Oceania:                  |                    |                    |                    |
| India .....                        | 23,875             | 10,768             | 4,461              |
| Indonesia .....                    | 41,532             | 53,212             | 45,496             |
| Papua New Guinea .....             | 5,755              | 10,664             | 8,106              |
| Thailand .....                     | 26,871             | 24,980             | 2,239              |
| Vietnam .....                      | 149,330            | 174,165            | 113,254            |
| Total .....                        | 247,363            | 273,789            | 173,556            |
| Europe:                            |                    |                    |                    |
| France .....                       | 4,819              | 5,329              | 6,126              |
| Germany .....                      | 28,590             | 32,500             | 33,889             |
| Total .....                        | 33,409             | 37,829             | 40,015             |
| Other countries .....              | 8,567              | 12,171             | 8,750              |
| Grand total .....                  | 1,297,301          | 1,158,979          | 1,162,776          |

<sup>1</sup>Green coffee only; does not include roasted or soluble. Bags of 60 kilograms each (132.276 lbs.). <sup>2</sup>Preliminary. <sup>3</sup>Includes Central America.

FAS, Horticultural and Tropical Products Division, (202) 720-3423. Compiled from reports of the U.S. Department of Commerce.

**Table 5-95.—Coffee: Area, yield, total production, marketing year average price, and value, Hawaii, 1993–94 to 2003–04**

| Season                       | Area harvested | Yield per harvested acre | Production <sup>1</sup> | Price per pound <sup>2</sup> | Value <sup>2</sup>   |
|------------------------------|----------------|--------------------------|-------------------------|------------------------------|----------------------|
|                              | <i>Acres</i>   | <i>1,000 pounds</i>      | <i>1,000 pounds</i>     | <i>Dollars</i>               | <i>1,000 dollars</i> |
| 1994–95 .....                | 4,400          | 1.0                      | 4,300                   | 2.80                         | 12,040               |
| 1995–96 .....                | 5,500          | 1.0                      | 5,400                   | 3.00                         | 16,200               |
| 1996–97 .....                | 5,400          | 1.2                      | 6,400                   | 3.25                         | 20,800               |
| 1997–98 .....                | 5,800          | 1.6                      | 9,400                   | 3.00                         | 28,200               |
| 1998–99 .....                | 6,100          | 1.6                      | 9,500                   | 2.60                         | 24,700               |
| 1999–2000 .....              | 6,400          | 1.6                      | 10,000                  | 2.10                         | 21,000               |
| 2000–2001 .....              | 6,800          | 1.3                      | 8,700                   | 2.65                         | 23,055               |
| 2001–2002 .....              | 6,300          | 1.3                      | 8,000                   | 2.45                         | 19,600               |
| 2002–2003 .....              | 5,900          | 1.3                      | 7,500                   | 3.10                         | 23,250               |
| 2003–2004 <sup>3</sup> ..... | 5,900          | 1.5                      | 8,700                   | 2.70                         | 23,490               |

<sup>1</sup>Parchment basis. <sup>2</sup>Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>3</sup>Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 5-96.—Coffee: Exports from principal producing countries, 2000–2002**

| Continent and country of origin | 2000                          | 2001                          | 2002 <sup>1</sup>             |
|---------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                                 | <i>1,000 bags<sup>2</sup></i> | <i>1,000 bags<sup>2</sup></i> | <i>1,000 bags<sup>2</sup></i> |
| Colombian Milds .....           | 10,978                        | 11,531                        | 11,979                        |
| Colombia .....                  | 9,035                         | 9,437                         | 10,625                        |
| Kenya .....                     | 1,196                         | 1,220                         | 775                           |
| Tanzania .....                  | 747                           | 874                           | 579                           |
| Other Milds: .....              | 29,083                        | 25,162                        | 22,110                        |
| Bolivia .....                   | 115                           | 73                            | 68                            |
| Burundi .....                   | 463                           | 314                           | 250                           |
| Costa Rica .....                | 1,984                         | 2,111                         | 1,881                         |
| Cuba .....                      | 127                           | 90                            | 87                            |
| Dominican Republic .....        | 189                           | 102                           | 114                           |
| Ecuador .....                   | 834                           | 763                           | 567                           |
| El Salvador .....               | 2,490                         | 1,714                         | 1,473                         |
| Guatemala .....                 | 4,901                         | 4,414                         | 3,330                         |
| Haiti .....                     | 62                            | 194                           | 49                            |
| Honduras .....                  | 2,857                         | 2,470                         | 2,617                         |
| India .....                     | 4,500                         | 3,715                         | 3,421                         |
| Jamaica .....                   | 30                            | 29                            | 28                            |
| Malawi .....                    | 55                            | 70                            | 53                            |
| Mexico .....                    | 5,164                         | 3,637                         | 2,893                         |
| Nicaragua .....                 | 1,302                         | 1,445                         | 920                           |
| Panama .....                    | 78                            | 70                            | 78                            |
| Papua New Guinea .....          | 1,050                         | 1,060                         | 1,026                         |
| Peru .....                      | 2,311                         | 2,418                         | 2,686                         |
| Rwanda .....                    | 304                           | 267                           | 274                           |
| Venezuela .....                 | 96                            | 26                            | 85                            |
| Zambia .....                    | 59                            | 88                            | 98                            |
| Zimbabwe .....                  | 112                           | 92                            | 112                           |
| Brazil/Other Arabicas .....     | 20,830                        | 23,041                        | 27,927                        |
| Brazil .....                    | 18,816                        | 21,612                        | 25,977                        |
| Ethiopia .....                  | 2,005                         | 1,418                         | 1,939                         |
| Paraguay .....                  | 9                             | 11                            | 11                            |
| Robustas: .....                 | 28,204                        | 30,104                        | 24,626                        |
| Angola .....                    | 30                            | 17                            | 10                            |
| Benin .....                     | 0                             | 0                             | 0                             |
| Cameroon .....                  | 1,272                         | 1,145                         | 617                           |
| Central African Rep .....       | 188                           | 104                           | 100                           |
| Congo .....                     | 0                             | 0                             | 0                             |
| Congo, Dem. Rep. of .....       | 333                           | 222                           | 171                           |
| Cote d'Ivoire .....             | 5,834                         | 4,270                         | 3,130                         |
| Equatorial Guinea .....         | 0                             | 0                             | 0                             |
| Gabon .....                     | 0                             | 2                             | 1                             |
| Ghana .....                     | 35                            | 34                            | 16                            |
| Guinea .....                    | 28                            | 64                            | 48                            |
| Indonesia .....                 | 5,063                         | 5,149                         | 5,071                         |
| Liberia .....                   | 0                             | 0                             | 0                             |
| Madagascar .....                | 277                           | 177                           | 107                           |
| Nigeria .....                   | 3                             | 5                             | 1                             |
| Philippines .....               | 4                             | 3                             | 6                             |
| Sierra Leone .....              | 64                            | 13                            | 10                            |
| Sri Lanka .....                 | 1                             | 3                             | 1                             |
| Thailand .....                  | 960                           | 1,184                         | 104                           |
| Togo .....                      | 279                           | 195                           | 114                           |
| Trinidad and Tobago .....       | 2                             | 0                             | 0                             |
| Uganda .....                    | 2,917                         | 3,075                         | 3,153                         |
| Vietnam .....                   | 10,914                        | 14,442                        | 11,966                        |
| Grand total .....               | 89,095                        | 89,838                        | 86,642                        |

<sup>1</sup> Preliminary. <sup>2</sup> One bag = 132.276 pounds, green bean equivalent.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. International Coffee Organization.

**Table 5-97.—Tea: United States imports by country of origin, 2000–2002**

| Continent and country                   | 2000               | 2001               | 2002 <sup>1</sup>  |
|---|--------------------|--------------------|--------------------|
|   | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| North America:                          |                    |                    |                    |
| Canada .....                            | 517                | 553                | 663                |
| Mexico .....                            | 52                 | 8                  | 8                  |
| Total .....                             | 569                | 561                | 671                |
| Central and South America: <sup>2</sup> |                    |                    |                    |
| Argentina .....                         | 35,250             | 39,909             | 37,852             |
| Brazil .....                            | 1,456              | 1,571              | 1,610              |
| Ecuador .....                           | 512                | 615                | 497                |
| Total .....                             | 37,218             | 42,095             | 39,959             |
| Europe:                                 |                    |                    |                    |
| Germany .....                           | 2,834              | 3,437              | 3,569              |
| Netherlands .....                       | 121                | 115                | 192                |
| Turkey .....                            | 917                | 1,178              | 689                |
| Ukraine .....                           | 0                  | 33                 | 0                  |
| United Kingdom .....                    | 1,154              | 1,317              | 1,384              |
| Total .....                             | 5,026              | 6,080              | 5,834              |
| Asia and Oceania:                       |                    |                    |                    |
| China, Peoples Republic of .....        | 14,199             | 15,651             | 15,780             |
| Hong Kong .....                         | 174                | 123                | 154                |
| India .....                             | 4,962              | 5,447              | 5,762              |
| Indonesia .....                         | 7,139              | 6,423              | 5,532              |
| Japan .....                             | 360                | 388                | 548                |
| Papua New Guinea .....                  | 669                | 1,157              | 975                |
| Sri Lanka .....                         | 4,183              | 3,262              | 3,414              |
| Taiwan .....                            | 509                | 552                | 576                |
| Vietnam .....                           | 1,764              | 1,571              | 1,886              |
| Total .....                             | 33,959             | 34,574             | 34,627             |
| Africa:                                 |                    |                    |                    |
| Kenya .....                             | 4,420              | 4,747              | 5,114              |
| Malawi .....                            | 4,754              | 5,878              | 5,068              |
| Rwanda .....                            | 26                 | 0                  | 28                 |
| South Africa, Republic of .....         | 423                | 309                | 235                |
| Tanzania, United Republic of .....      | 165                | 59                 | 126                |
| Total .....                             | 9,788              | 10,993             | 10,601             |
| Other countries .....                   | 1,733              | 2,356              | 1,722              |
| Grand total .....                       | 88,291             | 96,658             | 93,465             |

<sup>1</sup> Preliminary. <sup>2</sup> Includes Mexico.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

**Table 5-98.—Agaricus mushrooms: Area, volume of sales, marketing year average price, and value of sales, United States, 1993/94–2002/2003<sup>1</sup>**

| Year            | Area in production   | Volume of sales     | Price per pound | Value of sales       |                      |                      |
|-----------------|----------------------|---------------------|-----------------|----------------------|----------------------|----------------------|
|                 |                      |                     |                 | Total                | Fresh market         | Processing           |
|                 | <i>1,000 sq. ft.</i> | <i>1,000 pounds</i> | <i>Cents</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| 1993–94 .....   | 135,703              | 750,799             | 91.6            | 687,673              | 532,863              | 154,810              |
| 1994–95 .....   | 139,617              | 782,340             | 93.5            | 731,173              | 560,127              | 171,046              |
| 1995–96 .....   | 135,320              | 777,870             | 93.5            | 727,578              | 588,126              | 139,452              |
| 1996–97 .....   | 136,461              | 776,677             | 94.0            | 730,296              | 605,728              | 124,568              |
| 1997–98 .....   | 145,094              | 808,678             | 95.7            | 773,617              | 670,168              | 103,449              |
| 1998–99 .....   | 150,017              | 847,760             | 97.7            | 828,098              | 712,000              | 116,098              |
| 1999–2000 ..... | 151,487              | 854,394             | 97.0            | 828,551              | 715,943              | 112,608              |
| 2000–2001 ..... | 143,873              | 846,209             | 97.6            | 825,500              | 736,543              | 88,957               |
| 2001–2002 ..... | 140,822              | 831,107             | 105.0           | 870,573              | 796,522              | 74,051               |
| 2002–2003 ..... | 140,864              | 831,314             | 102.0           | 851,649              | 774,088              | 77,561               |

<sup>1</sup> Marketing year begins July 1 and ends June 30 the following year.

NASS, Crops Branch, (202) 720–2127.

**Table 5-99.—Mushrooms, canned: United States imports by country of origin, 1998–2002**

| Country                          | 1998 <sup>1</sup>  | 1999 <sup>1</sup>  | 2000 <sup>1</sup>  | 2001 <sup>1</sup>  | 2002 <sup>1</sup>  |
|----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                  | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| India .....                      | 5,712              | 12,661             | 15,655             | 13,377             | 10,828             |
| Indonesia .....                  | 14,379             | 15,442             | 14,968             | 11,649             | 10,245             |
| Netherlands .....                | 2,029              | 8,193              | 12,928             | 8,173              | 9,527              |
| China, Peoples Republic of ..... | 22,235             | 208                | 3,884              | 9,215              | 9,385              |
| France .....                     | 11                 | 2,275              | 3,175              | 2,491              | 2,801              |
| Mexico .....                     | 3,267              | 2,164              | 2,986              | 2,285              | 2,122              |
| Spain .....                      | 929                | 1,356              | 1,006              | 1,332              | 1,700              |
| Canada .....                     | 1,063              | 2,811              | 1,577              | 1,559              | 1,461              |
| Taiwan .....                     | 4,803              | 4,729              | 8,140              | 5,989              | 1,417              |
| Malaysia .....                   | 209                | 305                | 1,025              | 1,286              | 1,006              |
| Colombia .....                   | 299                | 930                | 1,770              | 1,601              | 728                |
| Oman .....                       | 0                  | 0                  | 365                | 343                | 358                |
| Vietnam .....                    | 0                  | 10                 | 0                  | 0                  | 135                |
| Poland .....                     | 62                 | 61                 | 86                 | 108                | 84                 |
| Italy .....                      | 39                 | 75                 | 86                 | 87                 | 81                 |
| Thailand .....                   | 267                | 276                | 233                | 216                | 47                 |
| <b>Total .....</b>               | <b>59,071</b>      | <b>51,592</b>      | <b>68,009</b>      | <b>59,851</b>      | <b>52,027</b>      |

<sup>1</sup> Includes straw mushrooms.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

**Table 5-100.—Specialty mushrooms: Number of growers, total production, volume of sales, price per pound, and value of sales, July 1–June 30, 2000–2001/2002–2003 <sup>1</sup>**

| Year and variety       | Growers <sup>2</sup> | All sales                     |                              |                              |                      |
|------------------------|----------------------|-------------------------------|------------------------------|------------------------------|----------------------|
|                        |                      | Total production <sup>3</sup> | Volume of sales <sup>4</sup> | Price per pound <sup>5</sup> | Value of sales       |
|                        | <i>Number</i>        | <i>1,000 pounds</i>           | <i>1,000 pounds</i>          | <i>Dollars</i>               | <i>1,000 dollars</i> |
| <b>2000–2001</b>       |                      |                               |                              |                              |                      |
| Shiitake .....         | 120                  | 9,391                         | 8,939                        | 3.17                         | 28,314               |
| Oyster .....           | 54                   | 3,817                         | 3,629                        | 2.13                         | 7,745                |
| Other .....            | 19                   | 1,397                         | 1,316                        | 4.69                         | 6,178                |
| <b>US <sup>6</sup></b> | <b>159</b>           | <b>14,605</b>                 | <b>13,884</b>                | <b>3.04</b>                  | <b>42,237</b>        |
| <b>2001–2002</b>       |                      |                               |                              |                              |                      |
| Shiitake .....         | 132                  | 8,454                         | 8,024                        | 2.92                         | 23,407               |
| Oyster .....           | 53                   | 4,273                         | 4,035                        | 2.01                         | 8,092                |
| Other .....            | 23                   | 1,541                         | 1,424                        | 4.02                         | 5,727                |
| <b>US <sup>6</sup></b> | <b>156</b>           | <b>14,268</b>                 | <b>13,483</b>                | <b>2.76</b>                  | <b>37,226</b>        |
| <b>2002–2003</b>       |                      |                               |                              |                              |                      |
| Shiitake .....         | 127                  | 8,736                         | 8,250                        | 3.06                         | 25,249               |
| Oyster .....           | 56                   | 3,840                         | 3,404                        | 1.87                         | 6,353                |
| Other .....            | 23                   | 1,478                         | 1,320                        | 4.60                         | 6,074                |
| <b>US <sup>6</sup></b> | <b>148</b>           | <b>14,054</b>                 | <b>12,974</b>                | <b>2.90</b>                  | <b>37,676</b>        |

<sup>1</sup> Specialty mushroom estimates represent growers who have at least 200 natural wood logs in production or commercial indoor growing areas. <sup>2</sup> Growers counted only once for US total if growing more than one specialty type mushroom. Growers growing Agaricus and Specialty are included. <sup>3</sup> Total production includes all fresh market and processing sales plus amount harvested but not sold (shrinkage, cullage, dumped, etc.). <sup>4</sup> Virtually all specialty mushroom sales are for fresh market. <sup>5</sup> Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale. <sup>6</sup> 2000-01: AR, CA, CT, DE, FL, GA, HI, ID, IL, IA, KS, KY, ME, MD, MA, MI, MN, MO, MT, NH, NY, NC, OH, OK, OR, PA, SC, TX, VT, VA, WA, WV, and WI. 2000-02: AR, CA, CT, DE, FL, GA, HI, ID, IL, IA, KS, KY, ME, MD, MA, MI, MN, MO, MT, NH, NY, NC, OH, OK, OR, PA, SC, TX, VT, VA, WA, WV, and WI. 2000-03: AR, CA, CT, DE, FL, GA, HI, IL, IA, KS, KY, ME, MD, MA, MN, MO, MT, NH, NY, NC, OH, OK, OR, PA, SC, VT, VA, WA, WV, and WI.

NASS, Crops Branch, (202) 720–2127.

**Table 5-101.—Cut flowers: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002**

| Year       | Quantity sold           | Wholesale price  | Value of sales at wholesale <sup>1</sup> | Quantity sold         | Wholesale price  | Value of sales at wholesale <sup>1</sup> |
|------------|-------------------------|------------------|--|-----------------------|------------------|--|
|            | Standard carnations     |                  |  | Miniature carnations  |                  |  |
|            | <i>1,000 blooms</i>     | <i>Cents</i>     | <i>1,000 dollars</i>                     | <i>1,000 bunches</i>  | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 ..... | 194,876                 | 14.0             | 27,207                                   | 8,974                 | 1.35             | 12,107                                   |
| 1994 ..... | 116,232                 | 15.6             | 18,141                                   | 7,174                 | 1.40             | 10,065                                   |
| 1995 ..... | 112,067                 | 15.3             | 17,199                                   | 9,152                 | 1.21             | 11,060                                   |
| 1996 ..... | 92,160                  | 14.5             | 13,345                                   | 5,562                 | 1.32             | 7,330                                    |
| 1997 ..... | 74,368                  | 15.8             | 11,739                                   | 4,907                 | 1.52             | 7,441                                    |
| 1998 ..... | 63,171                  | 15.7             | 9,891                                    | 4,211                 | 1.43             | 6,036                                    |
| 1999 ..... | 38,456                  | 18.7             | 7,201                                    | 2,631                 | 1.46             | 3,829                                    |
| 2000 ..... | 40,206                  | 16.0             | 6,430                                    | ( <sup>2</sup> )      | ( <sup>2</sup> ) | ( <sup>2</sup> )                         |
| 2001 ..... | 24,760                  | 15.6             | 3,870                                    | ( <sup>2</sup> )      | ( <sup>2</sup> ) | ( <sup>2</sup> )                         |
| 2002 ..... | 20,580                  | 15.8             | 3,243                                    | ( <sup>2</sup> )      | ( <sup>2</sup> ) | ( <sup>2</sup> )                         |
|            | Standard chrysanthemums |                  |  | Pompon chrysanthemums |                  |  |
|            | <i>1,000 blooms</i>     | <i>Cents</i>     | <i>1,000 dollars</i>                     | <i>1,000 bunches</i>  | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 ..... | 19,730                  | 43.3             | 8,541                                    | 11,025                | 1.42             | 15,695                                   |
| 1994 ..... | 15,303                  | 47.9             | 7,325                                    | 12,106                | 1.35             | 16,345                                   |
| 1995 ..... | 14,877                  | 53.8             | 7,997                                    | 13,542                | 1.26             | 17,079                                   |
| 1996 ..... | 15,184                  | 55.6             | 8,438                                    | 12,003                | 1.26             | 15,145                                   |
| 1997 ..... | 11,643                  | 47.7             | 5,550                                    | 12,562                | 1.30             | 16,341                                   |
| 1998 ..... | 14,265                  | 51.6             | 7,362                                    | 12,427                | 1.35             | 16,828                                   |
| 1999 ..... | 12,786                  | 55.4             | 7,083                                    | 16,315                | 0.93             | 15,181                                   |
| 2000 ..... | ( <sup>2</sup> )        | ( <sup>2</sup> ) | ( <sup>2</sup> )                         | 13,159                | 1.31             | 17,214                                   |
| 2001 ..... | ( <sup>2</sup> )        | ( <sup>2</sup> ) | ( <sup>2</sup> )                         | 12,933                | 1.30             | 16,831                                   |
| 2002 ..... | ( <sup>2</sup> )        | ( <sup>2</sup> ) | ( <sup>2</sup> )                         | 13,965                | 1.32             | 18,497                                   |
|            | Hybrid Tea roses        |                  |  | Sweetheart roses      |                  |  |
|            | <i>1,000 blooms</i>     | <i>Cents</i>     | <i>1,000 dollars</i>                     | <i>1,000 blooms</i>   | <i>Cents</i>     | <i>1,000 dollars</i>                     |
| 1993 ..... | 429,020                 | 33.8             | 144,823                                  | 78,270                | 25.0             | 19,545                                   |
| 1994 ..... | 404,938                 | 33.1             | 134,034                                  | 64,551                | 23.7             | 15,276                                   |
| 1995 ..... | 352,154                 | 32.5             | 114,594                                  | 45,350                | 24.5             | 11,133                                   |
| 1996 ..... | 309,663                 | 34.2             | 105,823                                  | 43,251                | 26.6             | 11,523                                   |
| 1997 ..... | 343,879                 | 32.0             | 109,914                                  | 44,706                | 28.2             | 12,601                                   |
| 1998 ..... | 268,302                 | 33.6             | 90,174                                   | 48,806                | 25.0             | 12,191                                   |
| 1999 ..... | 223,562                 | 34.3             | 76,709                                   | 39,377                | 26.1             | 10,294                                   |
| 2000 ..... | ( <sup>2</sup> )        | ( <sup>2</sup> ) | ( <sup>2</sup> )                         | ( <sup>2</sup> )      | ( <sup>2</sup> ) | ( <sup>2</sup> )                         |
| 2001 ..... | ( <sup>2</sup> )        | ( <sup>2</sup> ) | ( <sup>2</sup> )                         | ( <sup>2</sup> )      | ( <sup>2</sup> ) | ( <sup>2</sup> )                         |
| 2002 ..... | ( <sup>2</sup> )        | ( <sup>2</sup> ) | ( <sup>2</sup> )                         | ( <sup>2</sup> )      | ( <sup>2</sup> ) | ( <sup>2</sup> )                         |
|            | Gladioli                |                  |  | Other cut flowers     |                  |  |
|            | <i>1,000 spikes</i>     | <i>Cents</i>     | <i>1,000 dollars</i>                     |                       |                  | <i>1,000 dollars</i>                     |
| 1993 ..... | 165,683                 | 20.3             | 33,675                                   |                       |                  | 162,318                                  |
| 1994 ..... | 190,914                 | 20.7             | 39,520                                   |                       |                  | 201,591                                  |
| 1995 ..... | 149,132                 | 24.2             | 36,110                                   |                       |                  | 208,458                                  |
| 1996 ..... | 144,941                 | 22.9             | 33,260                                   |                       |                  | 217,836                                  |
| 1997 ..... | 154,650                 | 22.5             | 34,861                                   |                       |                  | 273,122                                  |
| 1998 ..... | 129,297                 | 25.6             | 33,138                                   |                       |                  | 235,975                                  |
| 1999 ..... | 100,457                 | 25.4             | 25,535                                   |                       |                  | 285,792                                  |
| 2000 ..... | 127,109                 | 22.3             | 28,339                                   |                       |                  | 133,648                                  |
| 2001 ..... | 112,948                 | 21.5             | 24,284                                   |                       |                  | 133,343                                  |
| 2002 ..... | 126,285                 | 21.1             | 26,708                                   |                       |                  | 132,229                                  |

See footnotes at end of table.

**Table 5-101.—Cut flowers: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002—Continued**

| Year       | Quantity sold       | Wholesale price | Value of sales at wholesale <sup>1</sup> | Quantity sold         | Wholesale price | Value of sales at wholesale <sup>1</sup> |
|------------|---------------------|-----------------|--|-----------------------|-----------------|--|
|            | Alstromeria         |                 |  | Delphinium & Larkspur |                 |  |
|            | <i>1,000 blooms</i> | <i>Cents</i>    | <i>1,000 dollars</i>                     | <i>1,000 bunches</i>  | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... |                     |                 |  |                       |                 |  |
| 1994 ..... |                     |                 |  |                       |                 |  |
| 1995 ..... |                     |                 |  |                       |                 |  |
| 1996 ..... |                     |                 |  |                       |                 |  |
| 1997 ..... |                     |                 |  |                       |                 |  |
| 1998 ..... |                     |                 |  |                       |                 |  |
| 1999 ..... |                     |                 |  |                       |                 |  |
| 2000 ..... | 25,056              | 23.7            | 5,939                                    | 43,840                | 25.0            | 10,955                                   |
| 2001 ..... | 21,253              | 24.2            | 5,137                                    | 45,515                | 24.2            | 11,008                                   |
| 2002 ..... | 20,166              | 25.3            | 5,101                                    | 41,378                | 23.0            | 9,501                                    |
|            | Gerbera Daisy       |                 |  | Iris                  |                 |  |
|            | <i>1,000 blooms</i> | <i>Cents</i>    | <i>1,000 dollars</i>                     | <i>1,000 bunches</i>  | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... |                     |                 |  |                       |                 |  |
| 1994 ..... |                     |                 |  |                       |                 |  |
| 1995 ..... |                     |                 |  |                       |                 |  |
| 1996 ..... |                     |                 |  |                       |                 |  |
| 1997 ..... |                     |                 |  |                       |                 |  |
| 1998 ..... |                     |                 |  |                       |                 |  |
| 1999 ..... |                     |                 |  |                       |                 |  |
| 2000 ..... | 67,520              | 30.9            | 20,886                                   | 79,012                | 25.8            | 20,395                                   |
| 2001 ..... | 72,916              | 30.6            | 22,317                                   | 83,594                | 23.4            | 19,549                                   |
| 2002 ..... | 75,931              | 30.0            | 22,783                                   | 77,344                | 21.0            | 16,226                                   |
|            | All Lilies          |                 |  | Lisianthus            |                 |  |
|            | <i>1,000 blooms</i> | <i>Cents</i>    | <i>1,000 dollars</i>                     | <i>1,000 blooms</i>   | <i>Cents</i>    | <i>1,000 dollars</i>                     |
| 1993 ..... |                     |                 |  |                       |                 |  |
| 1994 ..... |                     |                 |  |                       |                 |  |
| 1995 ..... |                     |                 |  |                       |                 |  |
| 1996 ..... |                     |                 |  |                       |                 |  |
| 1997 ..... |                     |                 |  |                       |                 |  |
| 1998 ..... |                     |                 |  |                       |                 |  |
| 1999 ..... |                     |                 |  |                       |                 |  |
| 2000 ..... | 81,301              | 68.8            | 55,975                                   | 15,150                | 45.5            | 6,891                                    |
| 2001 ..... | 91,267              | 66.7            | 60,876                                   | 19,040                | 44.7            | 8,505                                    |
| 2002 ..... | 93,406              | 61.8            | 57,712                                   | 14,069                | 45.4            | 6,394                                    |
|            | All orchids         |                 |  | All roses             |                 |  |
|            | <i>1,000 spikes</i> | <i>Cents</i>    | <i>1,000 dollars</i>                     |                       |                 | <i>1,000 dollars</i>                     |
| 1993 ..... |                     |                 |  |                       |                 |  |
| 1994 ..... |                     |                 |  |                       |                 |  |
| 1995 ..... |                     |                 |  |                       |                 |  |
| 1996 ..... |                     |                 |  |                       |                 |  |
| 1997 ..... |                     |                 |  |                       |                 |  |
| 1998 ..... |                     |                 |  |                       |                 |  |
| 1999 ..... |                     |                 |  |                       |                 |  |
| 2000 ..... | 11,719              | 68.9            | 8,071                                    | 185,975               | 37.3            | 69,294                                   |
| 2001 ..... | 11,571              | 74.0            | 8,563                                    | 160,301               | 37.4            | 59,976                                   |
| 2002 ..... | 15,053              | 69.8            | 10,506                                   | 144,113               | 39.0            | 56,183                                   |
|            | Snapdragons         |                 |  | Tulips                |                 |  |
|            | <i>1,000 blooms</i> | <i>Cents</i>    | <i>1,000 dollars</i>                     | <i>1,000 blooms</i>   | <i>Cents</i>    | <i>1,000 dollars</i>                     |
| 1993 ..... |                     |                 |  |                       |                 |  |
| 1994 ..... |                     |                 |  |                       |                 |  |
| 1995 ..... |                     |                 |  |                       |                 |  |
| 1996 ..... |                     |                 |  |                       |                 |  |
| 1997 ..... |                     |                 |  |                       |                 |  |
| 1998 ..... |                     |                 |  |                       |                 |  |
| 1999 ..... |                     |                 |  |                       |                 |  |
| 2000 ..... | 63,711              | 30.1            | 19,166                                   | 77,039                | 34.7            | 26,760                                   |
| 2001 ..... | 60,939              | 27.9            | 16,980                                   | 75,769                | 35.5            | 26,864                                   |
| 2002 ..... | 59,221              | 28.1            | 16,615                                   | 89,064                | 31.8            | 28,317                                   |

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> This data series discontinued.  
 NASS, Crops Branch, (202) 720-2127.

**Table 5-102.—Cut Greens: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002**

| Year | Leatherleaf Ferns                     |                                   |  | Other cut cultivated greens           |                                   |  |
|------|---------------------------------------|-----------------------------------|--|---------------------------------------|-----------------------------------|--|
|      | Quantity sold<br><i>1,000 bunches</i> | Wholesale price<br><i>Dollars</i> | Value of sales at wholesale <sup>1</sup><br><i>1,000 dollars</i> | Quantity sold<br><i>1,000 bunches</i> | Wholesale price<br><i>Dollars</i> | Value of sales at wholesale <sup>1</sup><br><i>1,000 dollars</i> |
| 1993 | 85,239                                | 0.85                              | 72,142   |                                       |                                   | 43,837   |
| 1994 | 78,912                                | 0.86                              | 67,544   |                                       |                                   | 51,703   |
| 1995 | 74,968                                | 0.85                              | 63,485   |                                       |                                   | 49,639   |
| 1996 | 77,982                                | 0.87                              | 67,993   |                                       |                                   | 50,192   |
| 1997 | 78,707                                | 0.82                              | 64,373   |                                       |                                   | 51,811   |
| 1998 | 72,981                                | 0.83                              | 60,498   |                                       |                                   | 57,191   |
| 1999 | 71,928                                | 0.90                              | 64,547   |                                       |                                   | 62,128   |
| 2000 | 75,611                                | 0.88                              | 66,245   |                                       |                                   | 59,923   |
| 2001 | 63,002                                | 0.88                              | 55,310   |                                       |                                   | 57,048   |
| 2002 | 59,807                                | 0.87                              | 51,823   |                                       |                                   | 59,121   |

<sup>1</sup> Equivalent wholesale value of all sales.  
NASS, Crops Branch, (202) 720-2127.

**Table 5-103.—Potted flowering and foliage plants: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002**

| Year                          | Quantity sold      |                   | Wholesale Price    |                  | Value of sales at wholesale <sup>1</sup> |
|-------------------------------|--------------------|-------------------|--------------------|------------------|--|
|                               | Less than 5 inches | 5 inches or more  | Less than 5 inches | 5 inches or more |  |
| African violets               |                    |                   |                    |                  |  |
|                               | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993                          | 22,492             | 237               | 1.07               | 3.46             | 24,777                                   |
| 1994                          | 23,963             | 721               | 1.06               | 2.77             | 27,423                                   |
| 1995                          | 21,366             | 707               | 1.08               | 2.74             | 25,086                                   |
| 1996                          | 20,683             | 269               | 1.06               | 3.79             | 23,029                                   |
| 1997                          | 19,736             | 338               | 1.09               | 3.23             | 22,584                                   |
| 1998                          | 19,277             | 216               | 1.14               | 3.20             | 22,672                                   |
| 1999                          | 20,678             | 226               | 1.15               | 3.18             | 24,455                                   |
| 2000                          | 16,043             | 257               | 1.12               | 3.57             | 18,909                                   |
| 2001                          | 15,834             | 260               | 1.21               | 3.52             | 20,034                                   |
| 2002                          | 15,463             | 219               | 1.24               | 3.95             | 20,011                                   |
| Florist chrysanthemums        |                    |                   |                    |                  |  |
|                               | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993                          | 8,995              | 23,129            | 1.37               | 3.60             | 95,564                                   |
| 1994                          | 9,300              | 21,987            | 1.44               | 3.65             | 93,649                                   |
| 1995                          | 10,358             | 21,642            | 1.47               | 3.56             | 92,219                                   |
| 1996                          | 8,905              | 19,825            | 1.42               | 3.64             | 84,726                                   |
| 1997                          | 7,779              | 19,328            | 1.49               | 3.68             | 82,632                                   |
| 1998                          | 7,207              | 17,727            | 1.53               | 3.52             | 73,408                                   |
| 1999                          | 6,895              | 17,218            | 1.51               | 3.51             | 70,923                                   |
| 2000                          | 8,439              | 19,936            | 1.50               | 3.47             | 81,869                                   |
| 2001                          | 6,585              | 18,592            | 1.56               | 3.49             | 75,225                                   |
| 2002                          | 6,760              | 19,275            | 1.59               | 3.44             | 76,942                                   |
| Potted florist roses          |                    |                   |                    |                  |  |
|                               | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993                          |                    |                   |                    |                  |  |
| 1994                          |                    |                   |                    |                  |  |
| 1995                          |                    |                   |                    |                  |  |
| 1996                          |                    |                   |                    |                  |  |
| 1997                          |                    |                   |                    |                  |  |
| 1998                          |                    |                   |                    |                  |  |
| 1999                          |                    |                   |                    |                  |  |
| 2000                          | 8,784              | 2,844             | 1.77               | 4.19             | 27,499                                   |
| 2001                          | 7,257              | 3,072             | 1.91               | 3.83             | 25,645                                   |
| 2002                          | 6,097              | 3,650             | 2.24               | 4.49             | 30,074                                   |
| Potted spring flowering bulbs |                    |                   |                    |                  |  |
|                               | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993                          |                    |                   |                    |                  |  |
| 1994                          |                    |                   |                    |                  |  |
| 1995                          |                    |                   |                    |                  |  |
| 1996                          |                    |                   |                    |                  |  |
| 1997                          |                    |                   |                    |                  |  |
| 1998                          |                    |                   |                    |                  |  |
| 1999                          |                    |                   |                    |                  |  |
| 2000                          | 6,408              | 8,775             | 1.59               | 3.33             | 39,392                                   |
| 2001                          | 7,517              | 10,360            | 1.50               | 3.36             | 46,075                                   |
| 2002                          | 7,152              | 12,287            | 1.59               | 3.32             | 52,147                                   |

See footnotes at end of table.



**Table 5-103.—Potted flowering and foliage plants: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002—Continued**

| Year                           | Quantity sold      |                   | Wholesale Price    |                  | Value of sales at wholesale <sup>1</sup> |
|--------------------------------|--------------------|-------------------|--------------------|------------------|--|
|                                | Less than 5 inches | 5 inches or more  | Less than 5 inches | 5 inches or more |  |
| <b>Cyclamen <sup>2</sup></b>   |                    |                   |                    |                  |  |
|                                | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                     | 2,035              | 2,441             | 1.89               | 3.80             | 13,122                                   |
| 1994 .....                     | 2,568              | 2,537             | 2.01               | 3.93             | 15,145                                   |
| 1995 .....                     | 3,087              | 2,556             | 2.12               | 4.02             | 16,824                                   |
| 1996 .....                     | 3,129              | 2,767             | 2.17               | 4.02             | 17,902                                   |
| 1997 .....                     | 2,649              | 2,608             | 2.25               | 3.95             | 16,259                                   |
| 1998 .....                     | 2,683              | 3,125             | 2.23               | 3.68             | 17,491                                   |
| 1999 .....                     | ( <sup>3</sup> )   | ( <sup>3</sup> )  | ( <sup>3</sup> )   | ( <sup>3</sup> ) | ( <sup>3</sup> )                         |
| 2000 .....                     | ( <sup>3</sup> )   | ( <sup>3</sup> )  | ( <sup>3</sup> )   | ( <sup>3</sup> ) | ( <sup>3</sup> )                         |
| 2001 .....                     | ( <sup>3</sup> )   | ( <sup>3</sup> )  | ( <sup>3</sup> )   | ( <sup>3</sup> ) | ( <sup>3</sup> )                         |
| 2002 .....                     | ( <sup>3</sup> )   | ( <sup>3</sup> )  | ( <sup>3</sup> )   | ( <sup>3</sup> ) | ( <sup>3</sup> )                         |
| <b>Florist azaleas</b>         |                    |                   |                    |                  |  |
|                                | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                     | 3,154              | 10,989            | 1.66               | 4.92             | 59,241                                   |
| 1994 .....                     | 6,172              | 9,426             | 1.53               | 4.58             | 52,662                                   |
| 1995 .....                     | 6,371              | 9,673             | 1.65               | 4.88             | 57,770                                   |
| 1996 .....                     | 3,251              | 8,567             | 1.77               | 4.45             | 43,843                                   |
| 1997 .....                     | 3,350              | 9,584             | 1.82               | 3.77             | 42,186                                   |
| 1998 .....                     | 2,714              | 7,224             | 2.04               | 4.72             | 39,635                                   |
| 1999 .....                     | 2,718              | 7,207             | 1.95               | 5.26             | 43,185                                   |
| 2000 .....                     | 4,880              | 10,032            | 2.08               | 5.14             | 61,719                                   |
| 2001 .....                     | 3,987              | 9,974             | 2.58               | 5.32             | 63,333                                   |
| 2002 .....                     | 3,109              | 9,067             | 2.72               | 4.90             | 52,880                                   |
| <b>Kalanchoes <sup>2</sup></b> |                    |                   |                    |                  |  |
|                                | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                     | 3,031              | 2,192             | 1.34               | 3.24             | 11,170                                   |
| 1994 .....                     | 3,279              | 1,982             | 1.47               | 3.53             | 11,832                                   |
| 1995 .....                     | 3,410              | 2,692             | 1.40               | 3.35             | 13,800                                   |
| 1996 .....                     | 3,615              | 2,863             | 1.44               | 3.51             | 15,251                                   |
| 1997 .....                     | 3,944              | 2,993             | 1.51               | 3.66             | 16,907                                   |
| 1998 .....                     | 3,930              | 2,853             | 1.50               | 3.74             | 16,550                                   |
| 1999 .....                     | ( <sup>3</sup> )   | ( <sup>3</sup> )  | ( <sup>3</sup> )   | ( <sup>3</sup> ) | ( <sup>3</sup> )                         |
| 2000 .....                     | ( <sup>3</sup> )   | ( <sup>3</sup> )  | ( <sup>3</sup> )   | ( <sup>3</sup> ) | ( <sup>3</sup> )                         |
| 2001 .....                     | ( <sup>3</sup> )   | ( <sup>3</sup> )  | ( <sup>3</sup> )   | ( <sup>3</sup> ) | ( <sup>3</sup> )                         |
| 2002 .....                     | ( <sup>3</sup> )   | ( <sup>3</sup> )  | ( <sup>3</sup> )   | ( <sup>3</sup> ) | ( <sup>3</sup> )                         |
| <b>Easter lilies</b>           |                    |                   |                    |                  |  |
|                                | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                     | 37                 | 8,640             | 2.97               | 3.96             | 34,180                                   |
| 1994 .....                     | 182                | 9,081             | 2.88               | 3.97             | 36,021                                   |
| 1995 .....                     | 177                | 9,193             | 2.72               | 4.00             | 36,925                                   |
| 1996 .....                     | 177                | 9,399             | 2.72               | 3.99             | 38,012                                   |
| 1997 .....                     | 16                 | 12,175            | 2.79               | 3.76             | 46,278                                   |
| 1998 .....                     | 13                 | 9,414             | 2.31               | 3.95             | 37,273                                   |
| 1999 .....                     | 141                | 9,096             | 3.22               | 3.95             | 35,990                                   |
| 2000 .....                     | 214                | 9,367             | 3.07               | 4.09             | 37,246                                   |
| 2001 .....                     | 238                | 9,236             | 2.86               | 4.01             | 37,735                                   |
| 2002 .....                     | 238                | 8,854             | 2.86               | 4.09             | 36,864                                   |

See footnotes at end of table.

**Table 5-103.—Potted flowering and foliage plants: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002—Continued**

| Year                         | Quantity sold      |                   | Wholesale Price    |                  | Value of sales at wholesale <sup>1</sup> |
|------------------------------|--------------------|-------------------|--------------------|------------------|--|
|                              | Less than 5 inches | 5 inches or more  | Less than 5 inches | 5 inches or more |  |
| Other lilies <sup>3</sup>    |                    |                   |                    |                  |  |
|                              | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                   | 62                 | 1,479             | 2.34               | 3.87             | 5,870                                    |
| 1994 .....                   | 66                 | 1,677             | 2.29               | 3.85             | 6,601                                    |
| 1995 .....                   | 286                | 1,971             | 1.72               | 3.76             | 7,895                                    |
| 1996 .....                   | .....              | .....             | .....              | .....            | .....                                    |
| 1997 .....                   | .....              | .....             | .....              | .....            | .....                                    |
| 1998 .....                   | .....              | .....             | .....              | .....            | .....                                    |
| 1999 .....                   | .....              | .....             | .....              | .....            | .....                                    |
| 2000 .....                   | .....              | .....             | .....              | .....            | .....                                    |
| 2001 .....                   | .....              | .....             | .....              | .....            | .....                                    |
| 2002 .....                   | .....              | .....             | .....              | .....            | .....                                    |
| Poinsettias                  |                    |                   |                    |                  |  |
|                              | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                   | 11,349             | 45,155            | 1.90               | 3.94             | 199,464                                  |
| 1994 .....                   | 11,686             | 46,209            | 1.76               | 4.05             | 207,605                                  |
| 1995 .....                   | 12,407             | 45,770            | 1.90               | 4.10             | 211,437                                  |
| 1996 .....                   | 12,819             | 46,873            | 1.92               | 4.07             | 215,248                                  |
| 1997 .....                   | 13,446             | 48,999            | 1.85               | 4.14             | 227,729                                  |
| 1998 .....                   | 14,915             | 46,993            | 1.87               | 4.18             | 224,441                                  |
| 1999 .....                   | 12,839             | 48,848            | 1.86               | 4.15             | 226,816                                  |
| 2000 .....                   | 15,457             | 50,931            | 1.81               | 4.28             | 246,263                                  |
| 2001 .....                   | 14,682             | 52,284            | 1.84               | 4.37             | 255,323                                  |
| 2002 .....                   | 15,061             | 50,357            | 1.90               | 4.34             | 247,316                                  |
| Other flowering <sup>4</sup> |                    |                   |                    |                  |  |
|                              | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                   | 50,375             | 55,815            | 1.48               | 3.40             | 264,250                                  |
| 1994 .....                   | 37,205             | 39,250            | 1.77               | 3.78             | 214,237                                  |
| 1995 .....                   | 45,951             | 37,580            | 1.61               | 3.97             | 222,798                                  |
| 1996 .....                   | 52,440             | 39,266            | 1.30               | 3.41             | 201,865                                  |
| 1997 .....                   | 47,538             | 37,930            | 1.32               | 3.58             | 198,451                                  |
| 1998 .....                   | 53,219             | 40,238            | 1.71               | 3.74             | 241,357                                  |
| 1999 .....                   | 53,252             | 44,032            | 1.60               | 3.61             | 244,030                                  |
| 2000 .....                   | 33,585             | 35,766            | 1.73               | 3.90             | 197,684                                  |
| 2001 .....                   | 34,770             | 32,178            | 1.89               | 4.16             | 199,331                                  |
| 2002 .....                   | 35,672             | 30,435            | 1.92               | 4.34             | 200,559                                  |
| Potted Orchids <sup>5</sup>  |                    |                   |                    |                  |  |
|                              | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                   | .....              | .....             | .....              | .....            | .....                                    |
| 1994 .....                   | .....              | .....             | .....              | .....            | .....                                    |
| 1995 .....                   | .....              | .....             | .....              | .....            | .....                                    |
| 1996 .....                   | 5,212              | 3,380             | 4.00               | 7.74             | 46,993                                   |
| 1997 .....                   | 4,134              | 5,447             | 5.93               | 8.32             | 69,856                                   |
| 1998 .....                   | 3,510              | 5,096             | 6.00               | 8.60             | 64,885                                   |
| 1999 .....                   | 4,805              | 5,695             | 5.51               | 9.29             | 79,398                                   |
| 2000 .....                   | 4,782              | 4,912             | 6.58               | 11.72            | 89,018                                   |
| 2001 .....                   | 6,992              | 5,208             | 6.17               | 11.31            | 102,049                                  |
| 2002 .....                   | 7,868              | 4,846             | 6.30               | 11.56            | 105,641                                  |
| Foliage                      |                    |                   |                    |                  |  |
|                              | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                   | .....              | .....             | .....              | .....            | 350,581                                  |
| 1994 .....                   | .....              | .....             | .....              | .....            | 400,232                                  |
| 1995 .....                   | .....              | .....             | .....              | .....            | 413,566                                  |
| 1996 .....                   | .....              | .....             | .....              | .....            | 432,976                                  |
| 1997 .....                   | .....              | .....             | .....              | .....            | 421,398                                  |
| 1998 .....                   | .....              | .....             | .....              | .....            | 436,243                                  |
| 1999 .....                   | .....              | .....             | .....              | .....            | 432,532                                  |
| 2000 .....                   | .....              | .....             | .....              | .....            | ( <sup>3</sup> )                         |
| 2001 .....                   | .....              | .....             | .....              | .....            | ( <sup>3</sup> )                         |
| 2002 .....                   | .....              | .....             | .....              | .....            | ( <sup>3</sup> )                         |

<sup>1</sup> Equivalent wholesale value of all sales except for potted foliage which is value of sales less cost of plant material purchased from other growers for growing on. <sup>2</sup> Estimates began in 1994. <sup>3</sup> This data series discontinued. <sup>4</sup> 1994-2000 data not comparable with 1991-93 which includes data for cyclamen and kalanchoes. Potted orchids were included in other flowering prior to 1996. <sup>5</sup> Potted orchids reported separately for first time in 1996. Previously orchids were included in other flowering category.

**Table 5-104.—Flowering & foliage hanging baskets: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002**

| Year       | Quantity sold                                | Wholesale price  | Value of sales at wholesale <sup>1</sup> | Quantity sold          | Wholesale price | Value of sales at wholesale <sup>1</sup> |
|------------|--|------------------|--|------------------------|-----------------|--|
|            | Geraniums <sup>2</sup>                       |                  |  | Impatiens <sup>2</sup> |                 |  |
|            | <i>1,000 baskets</i>                         | <i>Dollars</i>   | <i>1,000 dollars</i>                     | <i>1,000 baskets</i>   | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... |  |                  |  |                        |                 |  |
| 1994 ..... | 3,274  | 6.36             | 20,833                                   | 3,018                  | 5.28            | 15,922                                   |
| 1995 ..... | 4,010  | 6.34             | 25,407                                   | 3,668                  | 5.22            | 19,163                                   |
| 1996 ..... | 4,691  | 6.43             | 30,142                                   | 4,004                  | 5.22            | 20,891                                   |
| 1997 ..... | 5,066  | 6.38             | 32,333                                   | 4,339                  | 5.05            | 21,912                                   |
| 1998 ..... | 4,734  | 6.56             | 31,058                                   | 4,140                  | 4.96            | 20,536                                   |
| 1999 ..... | 4,961  | 6.55             | 32,502                                   | 4,274                  | 5.04            | 21,559                                   |
| 2000 ..... | ( <sup>3</sup> )                             | ( <sup>3</sup> ) | ( <sup>3</sup> )                         | 4,054                  | 5.15            | 20,859                                   |
| 2001 ..... | ( <sup>3</sup> )                             | ( <sup>3</sup> ) | ( <sup>3</sup> )                         | 3,414                  | 5.42            | 18,492                                   |
| 2002 ..... | ( <sup>3</sup> )                             | ( <sup>3</sup> ) | ( <sup>3</sup> )                         | 4,160                  | 4.93            | 20,504                                   |
|            | New Guinea Impatiens <sup>2</sup>            |                  |  | Petunias <sup>2</sup>  |                 |  |
|            | <i>1,000 baskets</i>                         | <i>Dollars</i>   | <i>1,000 dollars</i>                     | <i>1,000 baskets</i>   | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... |  |                  |  |                        |                 |  |
| 1994 ..... | 3,264  | 6.06             | 19,777                                   | 852                    | 5.42            | 4,614                                    |
| 1995 ..... | 3,812  | 6.04             | 23,014                                   | 1,345                  | 5.36            | 7,205                                    |
| 1996 ..... | 4,210  | 6.32             | 26,604                                   | 1,664                  | 5.40            | 8,984                                    |
| 1997 ..... | 4,674  | 6.25             | 29,198                                   | 2,013                  | 5.40            | 10,876                                   |
| 1998 ..... | 4,522  | 6.34             | 28,668                                   | 2,203                  | 5.37            | 11,822                                   |
| 1999 ..... | 4,911  | 6.35             | 31,196                                   | 2,823                  | 5.59            | 15,774                                   |
| 2000 ..... | 4,635  | 6.39             | 29,615                                   | 2,941                  | 5.30            | 15,595                                   |
| 2001 ..... | 4,663  | 6.34             | 29,572                                   | 3,102                  | 5.89            | 18,269                                   |
| 2002 ..... | 4,914  | 6.27             | 30,787                                   | 3,358                  | 5.90            | 19,823                                   |
|            | Other flowering hanging baskets <sup>4</sup> |                  |  | Foliage                |                 |  |
|            | <i>1,000 baskets</i>                         | <i>Dollars</i>   | <i>1,000 dollars</i>                     | <i>1,000 baskets</i>   | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... | 25,588                                       | 5.44             | 139,224                                  | 17,196                 | 3.86            | 66,468                                   |
| 1994 ..... | 16,480                                       | 5.48             | 90,381                                   | 24,095                 | 3.70            | 89,074                                   |
| 1995 ..... | 15,857                                       | 5.64             | 89,420                                   | 22,725                 | 3.76            | 85,403                                   |
| 1996 ..... | 15,595                                       | 5.76             | 89,874                                   | 19,736                 | 3.85            | 75,971                                   |
| 1997 ..... | 18,093                                       | 5.70             | 103,183                                  | 20,066                 | 3.92            | 78,566                                   |
| 1998 ..... | 19,404                                       | 5.95             | 115,437                                  | 15,993                 | 4.14            | 66,258                                   |
| 1999 ..... | 19,210                                       | 6.19             | 118,900                                  | 20,630                 | 3.85            | 79,467                                   |
| 2000 ..... | 14,760                                       | 6.01             | 88,656                                   | 20,983                 | 4.20            | 88,113                                   |
| 2001 ..... | 15,979                                       | 6.24             | 99,761                                   | 21,292                 | 3.85            | 81,922                                   |
| 2002 ..... | 17,150                                       | 6.25             | 107,147                                  | 20,514                 | 4.23            | 86,811                                   |
|            | Begonias <sup>5</sup>                        |                  |  | Marigolds <sup>5</sup> |                 |  |
|            | <i>1,000 baskets</i>                         | <i>Dollars</i>   | <i>1,000 dollars</i>                     | <i>1,000 baskets</i>   | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... |  |                  |  |                        |                 |  |
| 1994 ..... |  |                  |  |                        |                 |  |
| 1995 ..... |  |                  |  |                        |                 |  |
| 1996 ..... |  |                  |  |                        |                 |  |
| 1997 ..... |  |                  |  |                        |                 |  |
| 1998 ..... |  |                  |  |                        |                 |  |
| 1999 ..... |  |                  |  |                        |                 |  |
| 2000 ..... | 2,855  | 5.51             | 15,733                                   | 59                     | 7.71            | 455                                      |
| 2001 ..... | 3,335  | 5.72             | 19,062                                   | 50                     | 6.90            | 345                                      |
| 2002 ..... | 2,420  | 5.88             | 14,220                                   | 46                     | 6.78            | 312                                      |

See footnotes at end of table.

**Table 5-104.—Flowering & foliage hanging baskets: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002—Continued**

| Year       | Quantity sold                    | Wholesale price | Value of sales at wholesale <sup>1</sup> | Quantity sold                        | Wholesale price | Value of sales at wholesale <sup>1</sup> |
|------------|----------------------------------|-----------------|--|--------------------------------------|-----------------|--|
|            | Geraniums from seed <sup>5</sup> |                 |  | Geraniums from cuttings <sup>5</sup> |                 |  |
|            | <i>1,000 baskets</i>             | <i>Dollars</i>  | <i>1,000 dollars</i>                     | <i>1,000 baskets</i>                 | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1994 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1995 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1996 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1997 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1998 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1999 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 2000 ..... | 684                              | 5.83            | 3,991                                    | 4,146                                | 7.00            | 29,024                                   |
| 2001 ..... | 647                              | 5.98            | 3,869                                    | 4,121                                | 6.84            | 28,200                                   |
| 2002 ..... | 602                              | 6.41            | 3,857                                    | 4,237                                | 6.98            | 29,560                                   |
|            | Pansy/Viola <sup>5</sup>         |                 |  |                                      |                 |  |
|            | <i>1,000 baskets</i>             | <i>Dollars</i>  | <i>1,000 dollars</i>                     | <i>1,000 baskets</i>                 | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1994 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1995 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1996 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1997 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1998 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 1999 ..... | .....                            | .....           | .....                                    | .....                                | .....           | .....                                    |
| 2000 ..... | 303                              | 6.38            | 1,932                                    | .....                                | .....           | .....                                    |
| 2001 ..... | 466                              | 5.97            | 2,784                                    | .....                                | .....           | .....                                    |
| 2002 ..... | 546                              | 6.09            | 3,327                                    | .....                                | .....           | .....                                    |

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Estimates began in 1994. <sup>3</sup> This data series discontinued. <sup>4</sup> 1994–2000 data are not comparable with 1991–93 which includes geraniums, impatiens, New Guinea impatiens, and petunias. <sup>5</sup> Estimates began in 2000.

NASS, Crops Branch, (202) 720–2127.

**Table 5-105.—Bedding plant flats: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002**

| Year       | Quantity sold  | Wholesale price  | Value of sales at wholesale <sup>1</sup> | Quantity sold                                   | Wholesale price | Value of sales at wholesale <sup>1</sup> |
|------------|--|------------------|--|---|-----------------|--|
|            | Geraniums  |                  |  | Impatiens <sup>2</sup>                          |                 |  |
|            | <i>1,000 flats</i>   | <i>Dollars</i>   | <i>1,000 dollars</i>                     | <i>1,000 flats</i>                              | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... | 3,254  | 9.81             | 31,915                                   | 12,940  | 6.49            | 83,916                                   |
| 1994 ..... | 4,097  | 9.13             | 37,402                                   | 15,501  | 6.90            | 107,014                                  |
| 1995 ..... | 3,978  | 9.01             | 35,859                                   | 15,722  | 6.96            | 109,475                                  |
| 1996 ..... | 4,462  | 9.55             | 42,598                                   | 18,147  | 6.97            | 126,394                                  |
| 1997 ..... | 3,940  | 9.46             | 37,281                                   | 16,715  | 6.71            | 112,105                                  |
| 1998 ..... | 3,143  | 8.97             | 28,189                                   | 16,331  | 7.04            | 114,939                                  |
| 1999 ..... | 3,205  | 9.77             | 31,325                                   | 15,380  | 7.70            | 118,361                                  |
| 2000 ..... | ( <sup>5</sup> )   | ( <sup>5</sup> ) | ( <sup>5</sup> )                         | 14,904  | 7.81            | 116,331                                  |
| 2001 ..... | ( <sup>5</sup> )   | ( <sup>5</sup> ) | ( <sup>5</sup> )                         | 13,697  | 8.20            | 112,313                                  |
| 2002 ..... | ( <sup>5</sup> )   | ( <sup>5</sup> ) | ( <sup>5</sup> )                         |   |                 |  |
|            | New Guinea Impatiens <sup>2</sup>                                |                  |  | Petunias <sup>2</sup>                           |                 |  |
|            | <i>1,000 flats</i>   | <i>Dollars</i>   | <i>1,000 dollars</i>                     | <i>1,000 flats</i>                              | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... | 890  | 8.85             | 7,873                                    | 8,841   | 6.82            | 60,252                                   |
| 1994 ..... | 1,055  | 9.10             | 9,601                                    | 10,754  | 7.21            | 77,487                                   |
| 1995 ..... | 877  | 8.98             | 7,873                                    | 10,761  | 7.10            | 76,359                                   |
| 1996 ..... | 861  | 9.86             | 8,487                                    | 11,818  | 7.36            | 87,014                                   |
| 1997 ..... | 589  | 10.66            | 6,277                                    | 11,783  | 7.23            | 85,189                                   |
| 1998 ..... | 1,342  | 9.24             | 12,403                                   | 11,645  | 7.46            | 86,848                                   |
| 1999 ..... | 657  | 9.71             | 6,381                                    | 12,093  | 7.90            | 95,488                                   |
| 2000 ..... | 589  | 11.12            | 6,547                                    | 11,542  | 8.03            | 92,669                                   |
| 2001 ..... | 665  | 10.09            | 6,708                                    | 11,135  | 8.53            | 94,997                                   |
| 2002 ..... |  |                  |  |   |                 |  |
|            | Other Flowering and foliar type bedding plant flats <sup>3</sup> |                  |  | Vegetable type bedding plant flats <sup>4</sup> |                 |  |
|            | <i>1,000 flats</i>   | <i>Dollars</i>   | <i>1,000 dollars</i>                     | <i>1,000 flats</i>                              | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... | 74,334   | 6.92             | 514,095                                  | 9,592   | 6.96            | 66,759                                   |
| 1994 ..... | 58,245   | 7.11             | 414,304                                  | 9,230   | 6.97            | 64,373                                   |
| 1995 ..... | 55,652   | 7.09             | 394,419                                  | 10,327  | 7.23            | 74,676                                   |
| 1996 ..... | 57,654   | 7.20             | 414,932                                  | 10,666  | 7.46            | 79,578                                   |
| 1997 ..... | 70,958   | 7.46             | 529,375                                  | 12,624  | 7.82            | 98,755                                   |
| 1998 ..... | 63,123   | 7.58             | 478,431                                  | 12,044  | 7.70            | 92,723                                   |
| 1999 ..... | 69,832   | 8.02             | 560,067                                  | 11,976  | 8.12            | 97,288                                   |
| 2000 ..... | 47,709   | 8.04             | 383,686                                  | 8,604   | 7.97            | 68,604                                   |
| 2001 ..... | 43,226   | 7.84             | 339,064                                  | 8,480   | 8.37            | 70,946                                   |
| 2002 ..... | 39,456   | 8.36             | 329,837                                  | 7,953   | 8.71            | 69,273                                   |
|            | Begonias <sup>6</sup>  |                  |  | Marigolds <sup>6</sup>                          |                 |  |
|            | <i>1,000 flats</i>   | <i>Dollars</i>   | <i>1,000 dollars</i>                     | <i>1,000 flats</i>                              | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... |  |                  |  |   |                 |  |
| 1994 ..... |  |                  |  |   |                 |  |
| 1995 ..... |  |                  |  |   |                 |  |
| 1996 ..... |  |                  |  |   |                 |  |
| 1997 ..... |  |                  |  |   |                 |  |
| 1998 ..... |  |                  |  |   |                 |  |
| 1999 ..... |  |                  |  |   |                 |  |
| 2000 ..... | 6,645  | 7.83             | 52,004                                   | 5,443   | 7.75            | 42,169                                   |
| 2001 ..... | 8,272  | 7.76             | 64,193                                   | 6,623   | 8.09            | 53,600                                   |
| 2002 ..... | 7,182  | 7.86             | 56,433                                   | 5,901   | 8.39            | 49,538                                   |
|            | Geraniums from seed <sup>6</sup>                                 |                  |  | Geraniums from vegetable cuttings <sup>6</sup>  |                 |  |
|            | <i>1,000 flats</i>   | <i>Dollars</i>   | <i>1,000 dollars</i>                     | <i>1,000 flats</i>                              | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... |  |                  |  |   |                 |  |
| 1994 ..... |  |                  |  |   |                 |  |
| 1995 ..... |  |                  |  |   |                 |  |
| 1996 ..... |  |                  |  |   |                 |  |
| 1997 ..... |  |                  |  |   |                 |  |
| 1998 ..... |  |                  |  |   |                 |  |
| 1999 ..... |  |                  |  |   |                 |  |
| 2000 ..... | 861  | 9.33             | 8,035                                    | 1,574   | 9.47            | 14,906                                   |
| 2001 ..... | 766  | 10.27            | 7,868                                    | 1,003   | 10.82           | 10,849                                   |
| 2002 ..... | 669  | 10.05            | 6,726                                    | 1,031   | 10.18           | 10,491                                   |
|            | Pansy/Viola <sup>6</sup>   |                  |  |   |                 |  |
|            | <i>1,000 flats</i>   | <i>Dollars</i>   | <i>1,000 dollars</i>                     | <i>1,000 flats</i>                              | <i>Dollars</i>  | <i>1,000 dollars</i>                     |
| 1993 ..... |  |                  |  |   |                 |  |
| 1994 ..... |  |                  |  |   |                 |  |
| 1995 ..... |  |                  |  |   |                 |  |
| 1996 ..... |  |                  |  |   |                 |  |
| 1997 ..... |  |                  |  |   |                 |  |
| 1998 ..... |  |                  |  |   |                 |  |
| 1999 ..... |  |                  |  |   |                 |  |
| 2000 ..... | 10,153   | 8.23             | 83,521                                   |   |                 |  |
| 2001 ..... | 13,109   | 7.87             | 103,151                                  |   |                 |  |
| 2002 ..... | 12,383   | 8.62             | 106,790                                  |   |                 |  |

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Estimates began in 1994. <sup>3</sup> 1994–2000 data not comparable with 1991–93 which includes impatiens, New Guinea impatiens, and petunias. <sup>4</sup> Does not include vegetable transplants grown for use in commercial vegetable production. <sup>5</sup> This data series discontinued. <sup>6</sup> Estimates began in 2000.

**Table 5-106.—Potted flowering and foliar type bedding plants: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002**

| Year                          | Quantity sold      |                   | Wholesale Price    |                  | Value of sales at wholesale <sup>1</sup> |
|-------------------------------|--------------------|-------------------|--------------------|------------------|--|
|                               | Less than 5 inches | 5 inches or more  | Less than 5 inches | 5 inches or more |  |
| <b>Hardy/Garden mums</b>      |                    |                   |                    |                  |  |
|                               | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                    | 13,347             | 25,694            | 0.81               | 1.75             | 55,745                                   |
| 1994 .....                    | 13,574             | 25,473            | 0.83               | 1.83             | 57,923                                   |
| 1995 .....                    | 13,761             | 29,545            | 0.80               | 1.83             | 65,001                                   |
| 1996 .....                    | 13,001             | 32,588            | 0.82               | 1.79             | 69,078                                   |
| 1997 .....                    | 12,686             | 36,067            | 0.89               | 1.86             | 78,316                                   |
| 1998 .....                    | 14,965             | 42,505            | 0.89               | 1.89             | 93,787                                   |
| 1999 .....                    | 14,606             | 46,755            | 0.89               | 1.94             | 103,564                                  |
| 2000 .....                    | 17,813             | 48,534            | 1.11               | 1.78             | 106,385                                  |
| 2001 .....                    | 15,109             | 45,442            | 1.15               | 1.88             | 102,907                                  |
| 2002 .....                    | 11,544             | 54,049            | 1.02               | 1.94             | 116,390                                  |
| <b>Geraniums (cuttings)</b>   |                    |                   |                    |                  |  |
|                               | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                    | 41,584             | 11,265            | 1.29               | 2.62             | 83,038                                   |
| 1994 .....                    | 45,086             | 10,351            | 1.29               | 2.71             | 86,061                                   |
| 1995 .....                    | 49,726             | 15,902            | 1.24               | 2.64             | 103,569                                  |
| 1996 .....                    | 40,770             | 15,287            | 1.30               | 2.57             | 92,457                                   |
| 1997 .....                    | 40,620             | 15,190            | 1.41               | 2.61             | 97,123                                   |
| 1998 .....                    | 47,855             | 17,374            | 1.37               | 2.57             | 110,425                                  |
| 1999 .....                    | 45,221             | 17,099            | 1.39               | 2.76             | 110,291                                  |
| 2000 .....                    | 44,004             | 18,423            | 1.41               | 2.62             | 110,223                                  |
| 2001 .....                    | 42,033             | 18,126            | 1.47               | 2.79             | 112,417                                  |
| 2002 .....                    | 40,495             | 17,998            | 1.49               | 2.85             | 111,689                                  |
| <b>Geraniums (seed)</b>       |                    |                   |                    |                  |  |
|                               | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                    | 47,211             | 2,079             | 0.77               | 2.08             | 40,758                                   |
| 1994 .....                    | 48,612             | 2,107             | 0.80               | 2.24             | 43,551                                   |
| 1995 .....                    | 46,913             | 2,377             | 0.80               | 1.84             | 42,035                                   |
| 1996 .....                    | 42,339             | 2,184             | 0.82               | 1.91             | 38,841                                   |
| 1997 .....                    | 44,198             | 3,781             | 0.80               | 1.90             | 42,675                                   |
| 1998 .....                    | 42,564             | 2,173             | 0.80               | 1.82             | 37,889                                   |
| 1999 .....                    | 42,550             | 2,149             | 0.79               | 1.87             | 37,837                                   |
| 2000 .....                    | 46,834             | 1,295             | 0.83               | 2.08             | 41,756                                   |
| 2001 .....                    | 43,675             | 379               | 0.84               | 3.58             | 37,879                                   |
| 2002 .....                    | 41,677             | 1,098             | 0.87               | 1.98             | 38,387                                   |
| <b>Impatiens <sup>2</sup></b> |                    |                   |                    |                  |  |
|                               | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                    | .....              | .....             | .....              | .....            | .....                                    |
| 1994 .....                    | 21,820             | 1,721             | 0.57               | 1.45             | 14,874                                   |
| 1995 .....                    | 21,916             | 2,334             | 0.64               | 1.57             | 17,585                                   |
| 1996 .....                    | 20,098             | 2,513             | 0.64               | 1.54             | 16,828                                   |
| 1997 .....                    | 20,791             | 3,211             | 0.63               | 1.53             | 18,102                                   |
| 1998 .....                    | 21,033             | 4,137             | 0.65               | 1.57             | 20,078                                   |
| 1999 .....                    | 24,730             | 4,926             | 0.64               | 1.41             | 22,837                                   |
| 2000 .....                    | 23,903             | 5,791             | 0.67               | 1.46             | 24,473                                   |
| 2001 .....                    | 26,839             | 4,340             | 0.71               | 1.76             | 26,736                                   |
| 2002 .....                    | 23,278             | 4,108             | 0.72               | 1.72             | 23,948                                   |

See footnotes at end of table.

**Table 5-106.—Potted flowering and foliar type bedding plants: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002—Continued**

| Year  | Quantity sold      |                   | Wholesale Price    |                  | Value of sales at wholesale <sup>1</sup> |
|---|--------------------|-------------------|--------------------|------------------|--|
|   | Less than 5 inches | 5 inches or more  | Less than 5 inches | 5 inches or more |  |
| <b>New Guinea Impatiens <sup>2</sup></b>        |                    |                   |                    |                  |  |
|   | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                                      | 7,161              | 1,979             | 1.20               | 2.44             | 13,428                                   |
| 1994 .....                                      | 8,452              | 3,072             | 1.24               | 2.45             | 18,003                                   |
| 1995 .....                                      | 10,499             | 3,732             | 1.20               | 2.35             | 21,364                                   |
| 1996 .....                                      | 11,960             | 4,427             | 1.31               | 2.38             | 26,222                                   |
| 1997 .....                                      | 14,851             | 4,078             | 1.33               | 2.47             | 29,789                                   |
| 1998 .....                                      | 15,860             | 5,090             | 1.33               | 2.48             | 33,802                                   |
| 1999 .....                                      | 18,148             | 5,653             | 1.35               | 2.60             | 39,223                                   |
| 2000 .....                                      | 16,382             | 6,678             | 1.40               | 2.35             | 38,601                                   |
| 2001 .....                                      | 18,345             | 7,007             | 1.38               | 2.34             | 41,710                                   |
| 2002 .....                                      |                    |                   |                    |                  |  |
| <b>Petunias <sup>2</sup></b>                    |                    |                   |                    |                  |  |
|   | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                                      | 11,191             | 959               | 0.65               | 1.45             | 8,679                                    |
| 1994 .....                                      | 10,656             | 1,129             | 0.66               | 1.78             | 9,030                                    |
| 1995 .....                                      | 10,520             | 1,813             | 0.66               | 1.58             | 9,797                                    |
| 1996 .....                                      | 9,061              | 1,985             | 0.68               | 1.60             | 9,321                                    |
| 1997 .....                                      | 10,504             | 2,726             | 0.70               | 1.72             | 12,042                                   |
| 1998 .....                                      | 11,491             | 3,115             | 0.75               | 1.75             | 14,072                                   |
| 1999 .....                                      | 13,340             | 3,784             | 0.83               | 1.73             | 17,580                                   |
| 2000 .....                                      | 14,724             | 5,280             | 0.90               | 2.11             | 24,389                                   |
| 2001 .....                                      | 15,014             | 7,524             | 0.82               | 1.89             | 26,624                                   |
| 2002 .....                                      |                    |                   |                    |                  |  |
| <b>Other flowering/foliar type <sup>3</sup></b> |                    |                   |                    |                  |  |
|   | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                                      | 210,780            | 37,230            | 0.72               | 1.95             | 224,947                                  |
| 1994 .....                                      | 171,536            | 46,786            | 0.73               | 2.06             | 221,258                                  |
| 1995 .....                                      | 159,627            | 54,664            | 0.78               | 1.79             | 221,883                                  |
| 1996 .....                                      | 134,216            | 83,260            | 0.82               | 1.69             | 250,656                                  |
| 1997 .....                                      | 170,526            | 78,583            | 0.94               | 2.58             | 363,277                                  |
| 1998 .....                                      | 232,674            | 111,416           | 0.88               | 2.82             | 520,239                                  |
| 1999 .....                                      | 236,079            | 93,870            | 0.91               | 2.67             | 466,422                                  |
| 2000 .....                                      | 159,357            | 53,236            | 0.96               | 2.35             | 277,692                                  |
| 2001 .....                                      | 157,399            | 53,412            | 0.97               | 2.25             | 272,608                                  |
| 2002 .....                                      | 162,144            | 53,117            | 1.03               | 2.36             | 292,969                                  |
| 2003 .....                                      |                    |                   |                    |                  |  |
| <b>Vegetable type <sup>4</sup></b>              |                    |                   |                    |                  |  |
|   | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                                      | 13,761             | 2,311             | 0.73               | 1.50             | 13,530                                   |
| 1994 .....                                      | 14,803             | 2,950             | 0.70               | 1.48             | 14,666                                   |
| 1995 .....                                      | 16,185             | 2,910             | 0.74               | 1.56             | 16,596                                   |
| 1996 .....                                      | 19,127             | 4,827             | 0.74               | 1.59             | 21,802                                   |
| 1997 .....                                      | 23,545             | 6,101             | 0.76               | 1.50             | 27,115                                   |
| 1998 .....                                      | 29,293             | 7,956             | 0.80               | 1.82             | 37,926                                   |
| 1999 .....                                      | 26,454             | 5,721             | 0.79               | 1.87             | 31,513                                   |
| 2000 .....                                      | 25,430             | 4,452             | 0.86               | 1.80             | 29,768                                   |
| 2001 .....                                      | 24,930             | 4,625             | 0.91               | 1.85             | 31,309                                   |
| 2002 .....                                      | 31,719             | 4,626             | 1.11               | 1.82             | 43,573                                   |
| 2003 .....                                      |                    |                   |                    |                  |  |

See footnotes at end of table.

**Table 5-106.—Potted flowering and foliar type bedding plants: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002—Continued**

| Year                            | Quantity sold      |                   | Wholesale Price    |                  | Value of sales at wholesale <sup>1</sup> |
|---------------------------------|--------------------|-------------------|--------------------|------------------|--|
|                                 | Less than 5 inches | 5 inches or more  | Less than 5 inches | 5 inches or more |  |
| <b>Begonias <sup>5</sup></b>    |                    |                   |                    |                  |  |
|                                 | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1994 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1995 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1996 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1997 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1998 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1999 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 2000 .....                      | 12,559             | 2,321             | 0.89               | 1.81             | 15,427                                   |
| 2001 .....                      | 13,890             | 4,275             | 0.92               | 2.23             | 22,260                                   |
| 2002 .....                      | 15,333             | 4,650             | 0.95               | 2.00             | 23,897                                   |
| <b>Marigolds <sup>5</sup></b>   |                    |                   |                    |                  |  |
|                                 | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1994 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1995 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1996 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1997 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1998 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1999 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 2000 .....                      | 4,994              | 1,111             | 0.78               | 1.33             | 5,368                                    |
| 2001 .....                      | 5,472              | 1,685             | 0.72               | 1.43             | 6,351                                    |
| 2002 .....                      | 7,442              | 1,611             | 0.74               | 1.39             | 7,781                                    |
| <b>Pansy/viola <sup>5</sup></b> |                    |                   |                    |                  |  |
|                                 | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i>   | <i>1,000 dollars</i>                     |
| 1993 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1994 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1995 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1996 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1997 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1998 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 1999 .....                      | .....              | .....             | .....              | .....            | .....                                    |
| 2000 .....                      | 19,985             | 3,932             | 0.74               | 1.55             | 20,882                                   |
| 2001 .....                      | 18,756             | 5,175             | 0.78               | 1.55             | 22,648                                   |
| 2002 .....                      | 25,693             | 5,634             | 0.79               | 1.64             | 29,547                                   |

See footnotes at end of table.



**Table 5-106.—Potted flowering and foliar type bedding plants: Sales and wholesale value for operations with \$100,000+ sales, Surveyed States, 1993–2002—Continued**

| Year   | Quantity sold      |                   |                   | Wholesale Price    |                |                   | Value of sales at wholesale <sup>1</sup> |
|--|--------------------|-------------------|-------------------|--------------------|----------------|-------------------|--|
|  | Less than 1 gallon | 1-2 gallons       | 2 gallons or more | Less than 1 gallon | 1-2 gallons    | 2 gallons or more |  |
| <b>Potted Hosta <sup>5</sup></b>                       |                    |                   |                   |                    |                |                   |  |
|  | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i>                     |
| 1993 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1994 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1995 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1996 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1997 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1998 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1999 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 2000 .....   | 3,858              | 7,269             | 296               | 2.02               | 3.67           | 8.28              | 35,874                                   |
| 2001 .....   | 2,889              | 7,341             | 1,161             | 2.71               | 3.48           | 5.49              | 39,755                                   |
| 2002 .....   | 3,364              | 7,104             | 533               | 2.27               | 3.73           | 6.93              | 37,832                                   |
| <b>Other Potted Herbaceous Perennials <sup>5</sup></b> |                    |                   |                   |                    |                |                   |  |
|  | <i>1,000 pots</i>  | <i>1,000 pots</i> | <i>1,000 pots</i> | <i>Dollars</i>     | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i>                     |
| 1993 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1994 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1995 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1996 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1997 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1998 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 1999 .....   | .....              | .....             | .....             | .....              | .....          | .....             | .....                                    |
| 2000 .....   | 66,995             | 56,181            | 3,904             | 1.47               | 3.04           | 5.84              | 291,734                                  |
| 2001 .....   | 74,100             | 80,278            | 4,868             | 1.48               | 2.65           | 6.28              | 353,070                                  |
| 2002 .....   | 88,883             | 87,041            | 6,223             | 1.48               | 2.84           | 6.10              | 416,704                                  |

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Estimates began in 1994. <sup>3</sup> 1994–2000 data not comparable with 1991–93 which includes data for impatiens, New Guinea impatiens, and petunias. <sup>4</sup> Does not include vegetable transplants grown for use in commercial vegetable production. <sup>5</sup> Estimates began in 2000.  
 NASS, Crops Branch, (202) 720–2127.

**Table 5-107.—Floriculture: Growing area by type of cover, all operations with \$10,000+ sales, 36 Surveyed States, 2001–2002**

| State     | Glass greenhouses        |                          | Fiberglass and other rigid greenhouses |                          | Film plastic (single/multi) greenhouses |                          |
|-----------|--------------------------|--------------------------|--|--------------------------|---|--------------------------|
|           | 2001                     | 2002                     | 2001                                   | 2002                     | 2001                                    | 2002                     |
|           | <i>1,000 square feet</i> | <i>1,000 square feet</i> | <i>1,000 square feet</i>               | <i>1,000 square feet</i> | <i>1,000 square feet</i>                | <i>1,000 square feet</i> |
| AL .....  | 666                      | 662                      | 513                                    | 496                      | 8,382                                   | 8,103                    |
| AZ .....  | 5                        | 8                        | 867                                    | 880                      | 1,462                                   | 1,444                    |
| AR .....  | 9                        | 10                       | 16                                     | 18                       | 2,112                                   | 1,980                    |
| CA .....  | 17,576                   | 16,090                   | 32,202                                 | 29,350                   | 58,215                                  | 57,173                   |
| CO .....  | 471                      | 732                      | 7,053                                  | 6,834                    | 2,707                                   | 2,900                    |
| CT .....  | 1,844                    | 1,569                    | 1,615                                  | 1,558                    | 5,705                                   | 5,845                    |
| FL .....  | 4,522                    | 3,855                    | 13,760                                 | 12,090                   | 39,646                                  | 43,133                   |
| GA .....  | 435                      | 463                      | 489                                    | 331                      | 6,731                                   | 6,526                    |
| HI .....  | 61                       | 48                       | 2,625                                  | 2,407                    | 2,435                                   | 2,706                    |
| IL .....  | 2,482                    | 2,562                    | 2,136                                  | 1,540                    | 7,825                                   | 8,791                    |
| IN .....  | 1,330                    | 1,393                    | 1,206                                  | 1,145                    | 5,136                                   | 5,014                    |
| IA .....  | 559                      | 469                      | 1,867                                  | 1,446                    | 4,112                                   | 4,091                    |
| KS .....  | 117                      | 114                      | 497                                    | 412                      | 4,127                                   | 3,958                    |
| KY .....  | 475                      | 528                      | 948                                    | 769                      | 3,581                                   | 3,519                    |
| LA .....  | 107                      | 108                      | 299                                    | 388                      | 2,633                                   | 2,504                    |
| MD .....  | 984                      | 1,203                    | 521                                    | 479                      | 3,432                                   | 3,676                    |
| MA .....  | 1,877                    | 1,819                    | 1,261                                  | 1,128                    | 6,250                                   | 6,048                    |
| MI .....  | 4,706                    | 4,578                    | 3,876                                  | 4,635                    | 31,902                                  | 39,719                   |
| MN .....  | 600                      | 597                      | 2,217                                  | 2,420                    | 8,078                                   | 7,652                    |
| MS .....  | 165                      | 160                      | 61                                     | 114                      | 3,167                                   | 2,177                    |
| MO .....  | 721                      | 714                      | 584                                    | 555                      | 5,274                                   | 5,020                    |
| NJ .....  | 3,899                    | 3,906                    | 837                                    | 781                      | 14,493                                  | 14,800                   |
| NM .....  | 115                      | 135                      | 1,355                                  | 1,406                    | 2,490                                   | 2,509                    |
| NY .....  | 6,283                    | 6,453                    | 1,461                                  | 994                      | 15,958                                  | 16,918                   |
| NC .....  | 2,889                    | 2,896                    | 272                                    | 263                      | 14,243                                  | 13,626                   |
| OH .....  | 9,006                    | 8,786                    | 1,713                                  | 1,597                    | 18,831                                  | 17,590                   |
| OK .....  | 55                       | 55                       | 311                                    | 338                      | 1,859                                   | 1,729                    |
| OR .....  | 1,525                    | 1,643                    | 2,445                                  | 2,574                    | 10,114                                  | 10,269                   |
| PA .....  | 4,156                    | 4,754                    | 3,015                                  | 3,092                    | 16,840                                  | 15,790                   |
| SC .....  | 906                      | 744                      | 65                                     | 26                       | 3,912                                   | 3,456                    |
| TN .....  | 921                      | 931                      | 133                                    | 165                      | 5,342                                   | 4,861                    |
| TX .....  | 1,375                    | 1,359                    | 3,080                                  | 2,833                    | 23,054                                  | 23,400                   |
| UT .....  | 70                       | 33                       | 1,066                                  | 2,075                    | 3,359                                   | 2,636                    |
| VA .....  | 1,070                    | 1,230                    | 592                                    | 621                      | 7,320                                   | 5,689                    |
| WA .....  | 1,973                    | 2,820                    | 565                                    | 1,063                    | 6,108                                   | 6,467                    |
| WI .....  | 1,503                    | 1,599                    | 1,085                                  | 1,178                    | 6,613                                   | 6,702                    |
| 36 States | 75,458                   | 75,026                   | 92,608                                 | 88,001                   | 363,448                                 | 368,421                  |

See end of table.

**Table 5-107.—Floriculture: Growing area by type of cover, all operations with \$10,000+ sales, 36 Surveyed States, 2001–2002—Continued**

| State     | Shade and temporary cover |                          | Total covered area       |                          | Open ground  |              |
|-----------|---------------------------|--------------------------|--------------------------|--------------------------|--------------|--------------|
|           | 2001                      | 2002                     | 2001                     | 2002                     | 2001         | 2002         |
|           | <i>1,000 square feet</i>  | <i>1,000 square feet</i> | <i>1,000 square feet</i> | <i>1,000 square feet</i> | <i>Acres</i> | <i>Acres</i> |
| AL .....  | 309                       | 244                      | 9,870                    | 9,505                    | 106          | 153          |
| AZ .....  | 853                       | 868                      | 3,187                    | 3,200                    | 380          | 381          |
| AR .....  | 29                        | 33                       | 2,166                    | 2,041                    | 54           | 54           |
| CA .....  | 23,581                    | 22,010                   | 131,574                  | 124,623                  | 8,704        | 8,548        |
| CO .....  | 164                       | 153                      | 10,395                   | 10,619                   | 59           | 57           |
| CT .....  | 409                       | 389                      | 9,573                    | 9,361                    | 525          | 478          |
| FL .....  | 323,495                   | 311,410                  | 381,423                  | 370,488                  | 8,715        | 9,375        |
| GA .....  | 459                       | 557                      | 8,114                    | 7,877                    | 165          | 201          |
| HI .....  | 21,380                    | 22,965                   | 26,501                   | 28,126                   | 1,613        | 1,510        |
| IL .....  | 713                       | 564                      | 13,156                   | 13,457                   | 334          | 255          |
| IN .....  | 132                       | 133                      | 7,804                    | 7,685                    | 224          | 259          |
| IA .....  | 85                        | 82                       | 6,623                    | 6,088                    | 86           | 128          |
| KS .....  | 142                       | 85                       | 4,883                    | 4,569                    | 71           | 74           |
| KY .....  | 100                       | 141                      | 5,104                    | 4,957                    | 51           | 62           |
| LA .....  | 300                       | 346                      | 3,339                    | 3,346                    | 115          | 102          |
| MD .....  | 71                        | 99                       | 5,008                    | 5,457                    | 207          | 237          |
| MA .....  | 133                       | 217                      | 9,521                    | 9,212                    | 384          | 479          |
| MI .....  | 1,141                     | 2,182                    | 41,625                   | 51,114                   | 3,235        | 3,583        |
| MN .....  | 177                       | 171                      | 11,072                   | 10,840                   | 84           | 77           |
| MS .....  | 116                       | 96                       | 3,509                    | 2,547                    | 89           | 133          |
| MO .....  | 133                       | 79                       | 6,712                    | 6,368                    | 496          | 543          |
| NJ .....  | 366                       | 562                      | 19,595                   | 20,049                   | 2,460        | 2,674        |
| NM .....  | 92                        | 119                      | 4,052                    | 4,169                    | 25           | 20           |
| NY .....  | 667                       | 908                      | 24,369                   | 25,273                   | 1,243        | 1,034        |
| NC .....  | 515                       | 658                      | 17,919                   | 17,443                   | 421          | 405          |
| OH .....  | 610                       | 512                      | 30,160                   | 28,485                   | 447          | 541          |
| OK .....  | 70                        | 106                      | 2,295                    | 2,228                    | 31           | 61           |
| OR .....  | 1,718                     | 1,831                    | 15,802                   | 16,317                   | 1,556        | 1,502        |
| PA .....  | 582                       | 554                      | 24,593                   | 24,190                   | 547          | 617          |
| SC .....  | 1,824                     | 1,953                    | 6,707                    | 6,179                    | 513          | 394          |
| TN .....  | 89                        | 119                      | 6,485                    | 6,076                    | 189          | 228          |
| TX .....  | 8,158                     | 8,166                    | 35,667                   | 35,758                   | 558          | 345          |
| UT .....  | 161                       | 116                      | 4,656                    | 4,860                    | 30           | 63           |
| VA .....  | 730                       | 617                      | 9,712                    | 8,157                    | 278          | 294          |
| WA .....  | 257                       | 267                      | 8,903                    | 10,617                   | 1,369        | 1,675        |
| WI .....  | 532                       | 723                      | 9,733                    | 10,202                   | 240          | 366          |
| 36 States | 390,293                   | 380,035                  | 921,807                  | 911,483                  | 35,604       | 36,906       |

NASS, Crops Branch, (202) 720-2127.

**Table 5-108.—Floriculture: Total operations of \$10,000+ sales and expanded wholesale value, 36 Surveyed States, 2001–2002**

| State     | Total operations |               | Expanded wholesale value <sup>1</sup> |                      |
|-----------|------------------|---------------|---------------------------------------|----------------------|
|           | 2001             | 2002          | 2001                                  | 2002                 |
|           | <i>Number</i>    | <i>Number</i> | <i>1,000 dollars</i>                  | <i>1,000 dollars</i> |
| AL .....  | 171              | 152           | 59,135                                | 66,234               |
| AZ .....  | 34               | 32            | 30,430                                | 31,044               |
| AR .....  | 57               | 58            | 17,025                                | 14,446               |
| CA .....  | 917              | 802           | 1,003,795                             | 961,859              |
| CO .....  | 134              | 122           | 86,240                                | 89,636               |
| CT .....  | 284              | 260           | 80,175                                | 82,748               |
| FL .....  | 1,067            | 991           | 839,807                               | 876,993              |
| GA .....  | 197              | 189           | 69,118                                | 70,541               |
| HI .....  | 419              | 393           | 69,183                                | 71,009               |
| IL .....  | 303              | 291           | 117,638                               | 104,581              |
| IN .....  | 280              | 254           | 52,219                                | 49,413               |
| IA .....  | 132              | 124           | 54,375                                | 50,328               |
| KS .....  | 137              | 123           | 33,422                                | 31,798               |
| KY .....  | 166              | 151           | 31,503                                | 32,865               |
| LA .....  | 118              | 99            | 24,003                                | 24,271               |
| MD .....  | 148              | 144           | 61,691                                | 73,414               |
| MA .....  | 446              | 406           | 78,083                                | 78,640               |
| MI .....  | 708              | 657           | 280,745                               | 313,918              |
| MN .....  | 237              | 226           | 77,539                                | 78,276               |
| MS .....  | 71               | 74            | 15,427                                | 15,624               |
| MO .....  | 209              | 190           | 47,404                                | 45,754               |
| NJ .....  | 376              | 362           | 139,003                               | 145,763              |
| NM .....  | 41               | 43            | 32,159                                | 30,746               |
| NY .....  | 731              | 663           | 172,934                               | 184,989              |
| NC .....  | 336              | 308           | 161,889                               | 160,770              |
| OH .....  | 654              | 575           | 195,370                               | 189,505              |
| OK .....  | 100              | 89            | 18,164                                | 18,220               |
| OR .....  | 257              | 233           | 91,617                                | 88,878               |
| PA .....  | 823              | 794           | 185,921                               | 180,740              |
| SC .....  | 118              | 100           | 88,703                                | 103,712              |
| TN .....  | 203              | 189           | 42,649                                | 41,257               |
| TX .....  | 330              | 301           | 257,145                               | 274,162              |
| UT .....  | 82               | 73            | 35,604                                | 38,966               |
| VA .....  | 224              | 203           | 79,457                                | 79,219               |
| WA .....  | 197              | 187           | 98,399                                | 103,533              |
| WI .....  | 374              | 358           | 74,584                                | 75,115               |
| 36 States | 11,081           | 10,216        | 4,802,555                             | 4,878,967            |

<sup>1</sup> Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

NASS, Crops Branch, (202) 720-2127.

**Table 5-109.—Floriculture Crops: Wholesale value of sales by category for operations with \$100,000+ sales, 36 Surveyed States, 2001–2002**

| State         | Total cut flowers    |                      | Total potted flowering plants |                      | Total foliage for indoor or patio use |                      |
|---------------|----------------------|----------------------|-------------------------------|----------------------|---------------------------------------|----------------------|
|               | 2001                 | 2002                 | 2001                          | 2002                 | 2001                                  | 2002                 |
|               | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i>          | <i>1,000 dollars</i> | <i>1,000 dollars</i>                  | <i>1,000 dollars</i> |
| AL .....      |                      |                      | 10,004                        | 9,213                | 2,044                                 | 1,605                |
| AZ .....      |                      |                      | 1,846                         | 1,885                | 2,021                                 | 2,194                |
| AR .....      |                      |                      | 1,845                         | 2,433                | 287                                   | 735                  |
| CA .....      | 286,755              | 278,581              | 213,163                       | 197,940              | 96,613                                | 90,412               |
| CO .....      | 6,442                | 5,015                | 10,056                        | 9,380                | 546                                   | 520                  |
| CT .....      | 990                  | 913                  | 11,954                        | 11,461               | 1,356                                 | 1,728                |
| FL .....      | 23,611               | 24,679               | 88,448                        | 95,663               | 439,698                               | 459,693              |
| GA .....      |                      |                      | 9,090                         | 8,459                | 1,812                                 | 3,308                |
| HI .....      | 15,206               | 17,648               | 18,869                        | 21,767               | 18,381                                | 14,250               |
| IL .....      | 1,127                | 879                  | 26,421                        | 20,638               | 3,114                                 | 2,220                |
| IN .....      |                      |                      | 5,300                         | 5,343                | 2,048                                 | 1,325                |
| IA .....      |                      |                      | 11,118                        | 10,596               | 2,328                                 | 2,311                |
| KS .....      |                      |                      | 7,084                         | 6,805                | 290                                   | 226                  |
| KY .....      |                      |                      | 4,827                         | 4,618                | 1,691                                 | 1,806                |
| LA .....      |                      |                      | 2,538                         | 2,551                | 4,336                                 | 4,832                |
| MD .....      |                      |                      | 8,417                         | 8,421                | 371                                   | 191                  |
| MA .....      | 3,076                | 4,713                | 9,646                         | 9,224                | 3,450                                 | 4,051                |
| MI .....      | 8,119                | 8,298                | 29,447                        | 30,660               | 3,531                                 | 3,644                |
| MN .....      | 5,193                | 5,538                | 11,868                        | 12,233               | 1,825                                 | 1,670                |
| MS .....      |                      |                      | 3,452                         | 3,207                | 576                                   | 1,041                |
| MO .....      |                      |                      | 10,985                        | 10,967               | 3,819                                 | 3,330                |
| NJ .....      | 8,533                | 8,155                | 28,789                        | 30,826               | 5,552                                 | 5,754                |
| NM .....      |                      |                      | 17,786                        | 17,597               | 4,732                                 | 4,296                |
| NY .....      | 4,506                | 5,676                | 40,167                        | 47,114               | 2,466                                 | 3,778                |
| NC .....      | 2,994                | 3,042                | 36,273                        | 43,665               | 8,673                                 | 6,353                |
| OH .....      | 2,894                |                      | 26,112                        | 24,367               | 6,292                                 | 6,248                |
| OK .....      |                      |                      | 2,690                         | 2,522                | 905                                   | 741                  |
| OR .....      | 10,698               | 10,127               | 28,409                        | 19,547               | 1,297                                 | 2,031                |
| PA .....      | 4,587                | 3,773                | 42,571                        | 42,901               | 3,394                                 | 4,242                |
| SC .....      |                      |                      | 8,014                         | 11,540               | 1,122                                 | 1,417                |
| TN .....      |                      |                      | 8,363                         | 8,985                | 882                                   | 825                  |
| TX .....      | 692                  |                      | 37,712                        | 36,301               | 16,637                                | 18,032               |
| UT .....      |                      |                      | 8,379                         | 12,274               | 4,165                                 | 3,963                |
| VA .....      |                      |                      | 23,729                        | 21,176               | 926                                   | 1,316                |
| WA .....      | 18,857               | 17,619               | 8,596                         | 8,614                | 1,776                                 | 1,481                |
| WI .....      | 1,915                | 2,000                | 10,782                        | 11,541               | 1,634                                 | 1,483                |
| Oth Sts ..... | 11,908               | 13,359               |                               |                      |                                       |                      |
| 36 States     | 418,103              | 410,015              | 824,750                       | 822,434              | 650,590                               | 663,052              |

See end of table.

**Table 5-109.—Floriculture Crops: Wholesale value of sales by category for operations with \$100,000+ sales, 36 Surveyed States, 2001–2002 <sup>1</sup>—Continued**

| State         | Total bedding/garden plants <sup>2</sup> |                       | Total cut cultivated greens |                       | Propagative materials |                       | Total reported wholesale value of floriculture crops |                       |
|---------------|--|-----------------------|-----------------------------|-----------------------|-----------------------|-----------------------|--|-----------------------|
|               | 2001                                     | 2002                  | 2001                        | 2002                  | 2001                  | 2002                  | 2001   | 2002                  |
|               | <i>1,000 dol-lars</i>                    | <i>1,000 dol-lars</i> | <i>1,000 dol-lars</i>       | <i>1,000 dol-lars</i> | <i>1,000 dol-lars</i> | <i>1,000 dol-lars</i> | <i>1,000 dol-lars</i>                                | <i>1,000 dol-lars</i> |
| AL .....      | 40,938                                   | 48,094                | .....                       | .....                 | .....                 | .....                 | 52,986   | 58,912                |
| AZ .....      | 23,596                                   | 24,207                | .....                       | .....                 | .....                 | .....                 | 26,460   | 27,364                |
| AR .....      | 12,674                                   | 9,462                 | .....                       | .....                 | .....                 | .....                 | 13,223   | 12,630                |
| CA .....      | 303,108                                  | 301,383               | 17,375                      | 17,052                | 68,781                | 63,261                | 985,795  | 948,629               |
| CO .....      | 48,207                                   | 55,237                | .....                       | .....                 | .....                 | .....                 | 65,251   | 70,152                |
| CT .....      | 56,952                                   | 61,002                | .....                       | .....                 | 1,048                 | 429                   | 72,300   | 75,533                |
| FL .....      | 106,303                                  | 120,716               | 87,836                      | 86,345                | 72,806                | 73,052                | 818,702  | 860,148               |
| GA .....      | 49,132                                   | 50,621                | .....                       | .....                 | 4,148                 | 3,490                 | 64,182   | 65,878                |
| HI .....      | 2,526                                    | 3,495                 | 347                         | 490                   | 2,679                 | 3,774                 | 58,008   | 61,187                |
| IL .....      | 75,499                                   | 70,276                | .....                       | .....                 | 2,777                 | 3,611                 | 108,938  | 97,624                |
| IN .....      | 30,470                                   | 30,410                | .....                       | .....                 | 3,111                 | 2,935                 | 40,929   | 40,013                |
| IA .....      | 33,953                                   | 30,853                | .....                       | .....                 | .....                 | .....                 | 47,399   | 43,760                |
| KS .....      | 21,624                                   | 20,622                | .....                       | .....                 | 226                   | .....                 | 29,224   | 27,653                |
| KY .....      | 19,266                                   | 21,759                | .....                       | .....                 | .....                 | .....                 | 25,784   | 28,183                |
| LA .....      | 11,882                                   | 12,467                | .....                       | .....                 | 1,519                 | 1,372                 | 20,275   | 21,222                |
| MD .....      | 46,731                                   | 60,276                | .....                       | .....                 | .....                 | .....                 | 55,519   | 68,888                |
| MA .....      | 44,809                                   | 45,502                | .....                       | .....                 | 2,100                 | 2,563                 | 63,081   | 66,053                |
| MI .....      | 188,216                                  | 210,627               | .....                       | .....                 | 33,845                | 45,359                | 263,158  | 298,588               |
| MN .....      | 46,391                                   | 48,201                | .....                       | .....                 | .....                 | .....                 | 65,277   | 67,642                |
| MS .....      | 9,325                                    | 9,259                 | .....                       | .....                 | .....                 | .....                 | 13,353   | 13,507                |
| MO .....      | 25,071                                   | 24,292                | .....                       | .....                 | .....                 | .....                 | 39,875   | 38,589                |
| NJ .....      | 74,990                                   | 80,384                | .....                       | .....                 | 11,520                | 12,815                | 129,384  | 137,934               |
| NM .....      | 5,225                                    | 4,708                 | .....                       | .....                 | .....                 | .....                 | 27,743   | 26,601                |
| NY .....      | 97,367                                   | 104,059               | .....                       | .....                 | 5,993                 | 6,797                 | 150,499  | 167,424               |
| NC .....      | 101,753                                  | 97,512                | .....                       | .....                 | 2,821                 | 2,802                 | 152,514  | 153,374               |
| OH .....      | 135,737                                  | 134,610               | .....                       | .....                 | 4,970                 | 5,617                 | 176,005  | 170,842               |
| OK .....      | 11,442                                   | 11,969                | .....                       | .....                 | .....                 | .....                 | 15,037   | 15,232                |
| OR .....      | 35,475                                   | 37,867                | 4,162                       | 3,730                 | .....                 | 9,336                 | 80,041   | 82,638                |
| PA .....      | 77,246                                   | 75,683                | .....                       | .....                 | 31,122                | 29,535                | 158,920  | 156,134               |
| SC .....      | 67,653                                   | 79,444                | .....                       | .....                 | .....                 | .....                 | 76,789   | 92,401                |
| TN .....      | 24,266                                   | 23,459                | .....                       | .....                 | .....                 | .....                 | 33,511   | 33,269                |
| TX .....      | 178,886                                  | 197,061               | .....                       | 2,669                 | 12,837                | 13,121                | 246,764  | 267,184               |
| UT .....      | 18,060                                   | 20,347                | .....                       | .....                 | .....                 | .....                 | 30,604   | 36,584                |
| VA .....      | 47,342                                   | 50,961                | .....                       | .....                 | .....                 | .....                 | 71,997   | 73,453                |
| WA .....      | 58,082                                   | 59,459                | .....                       | .....                 | 5,163                 | 11,735                | 92,474   | 98,908                |
| WI .....      | 46,305                                   | 47,410                | .....                       | .....                 | .....                 | .....                 | 60,636   | 62,434                |
| Oth Sts ..... | .....                                    | .....                 | 2,638                       | 658                   | 46,456                | 40,454                | 63,588   | 55,630                |
| 36 States     | 2,176,502                                | 2,283,694             | 112,358                     | 110,944               | 313,922               | 332,058               | 4,496,225  | 4,622,197             |

<sup>1</sup> Missing data were included in "Other States" to avoid disclosure of individual operations. <sup>2</sup> Includes Annual Bedding Plants and Herbaceous Perennials.

NASS, Crops Branch, (202) 720-2127.

**Table 5-110.—Fruit and orange juice: Cold storage holdings, end of month, United States, 2002 and 2003**

| Month           | Fresh                   |              |                    |              |               |              |
|-----------------|-------------------------|--------------|--------------------|--------------|---------------|--------------|
|                 | Apples, regular storage |              | Apples, CA storage |              | Apples, total |              |
|                 | 2002                    | 2003         | 2002               | 2003         | 2002          | 2003         |
|                 | 1,000 pounds            | 1,000 pounds | 1,000 pounds       | 1,000 pounds | 1,000 pounds  | 1,000 pounds |
| January .....   | 482,122                 | 401,890      | 3,146,464          | 3,175,041    | 3,628,586     | 3,576,931    |
| February .....  | 324,764                 | 270,100      | 2,632,823          | 2,694,314    | 2,957,587     | 2,964,414    |
| March .....     | 187,258                 | 140,004      | 2,033,890          | 2,048,128    | 2,221,148     | 2,188,132    |
| April .....     | 108,012                 | 100,622      | 1,441,646          | 1,521,688    | 1,549,658     | 1,622,310    |
| May .....       | 51,877                  | 22,691       | 990,961            | 1,081,967    | 1,042,838     | 1,104,658    |
| June .....      | 14,489                  | 18,737       | 629,212            | 711,816      | 643,701       | 730,553      |
| July .....      | 11,957                  | 17,857       | 304,357            | 392,505      | 316,314       | 410,362      |
| August .....    | 7,563                   | 16,453       | 82,220             | 90,025       | 89,783        | 106,478      |
| September ..... | 926,419                 | 891,359      | 1,897,480          | 1,787,301    | 2,823,899     | 2,678,660    |
| October .....   | 1,400,871               | 1,791,585    | 3,847,680          | 3,716,010    | 5,248,551     | 5,507,595    |
| November .....  | 1,027,615               | 930,976      | 3,952,142          | 3,897,469    | 4,979,757     | 4,828,445    |
| December .....  | 597,986                 | 613,139      | 3,718,089          | 3,501,609    | 4,316,075     | 4,114,748    |

  

| Month           | Fresh           |              |              |              |              |              |
|-----------------|-----------------|--------------|--------------|--------------|--------------|--------------|
|                 | Pears, Bartlett |              | Pears, other |              | Pears, total |              |
|                 | 2002            | 2003         | 2002         | 2003         | 2002         | 2003         |
|                 | 1,000 pounds    | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| January .....   | 648             | 83           | 237,987      | 246,145      | 238,635      | 246,228      |
| February .....  | 916             | 80           | 187,141      | 191,166      | 188,057      | 191,246      |
| March .....     | 26              | 78           | 135,727      | 134,766      | 135,753      | 134,844      |
| April .....     | 35              | 75           | 80,190       | 87,504       | 80,225       | 87,579       |
| May .....       | 35              | 60           | 43,433       | 35,985       | 43,468       | 36,045       |
| June .....      | 35              | 233          | 12,634       | 13,249       | 12,669       | 13,482       |
| July .....      | 29,685          | 12,779       | 100          | 28           | 29,785       | 12,807       |
| August .....    | 92,178          | 37,806       | 26,834       | 2,483        | 119,012      | 40,289       |
| September ..... | 98,546          | 120,840      | 348,174      | 349,384      | 446,720      | 470,224      |
| October .....   | 61,084          | 81,492       | 433,730      | 433,359      | 494,814      | 514,851      |
| November .....  | 25,500          | 45,648       | 359,021      | 381,145      | 384,521      | 426,793      |
| December .....  | 8,291           | 17,893       | 286,634      | 314,485      | 294,925      | 332,378      |

  

| Month           | Frozen       |              |              |              |                   |              |                            |              |
|-----------------|--------------|--------------|--------------|--------------|-------------------|--------------|----------------------------|--------------|
|                 | Apples       |              | Apricots     |              | Blackberries, IQF |              | Blackberries, pails & tubs |              |
|                 | 2002         | 2003         | 2002         | 2003         | 2002              | 2003         | 2002                       | 2003         |
|                 | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds      | 1,000 pounds | 1,000 pounds               | 1,000 pounds |
| January .....   | 59,738       | 47,779       | 5,983        | 3,913        | 19,496            | 12,392       | 3,233                      | 1,570        |
| February .....  | 65,459       | 56,761       | 4,343        | 3,444        | 13,207            | 11,383       | 2,792                      | 1,390        |
| March .....     | 70,656       | 60,546       | 3,815        | 3,063        | 12,342            | 10,515       | 2,478                      | 1,361        |
| April .....     | 71,745       | 59,767       | 2,662        | 2,325        | 9,071             | 8,235        | 2,267                      | 1,109        |
| May .....       | 67,963       | 58,878       | 2,112        | 1,837        | 7,170             | 5,522        | 1,044                      | 851          |
| June .....      | 58,610       | 50,940       | 5,731        | 6,225        | 5,785             | 5,149        | 589                        | 1,140        |
| July .....      | 49,709       | 36,737       | 9,195        | 13,563       | 20,425            | 22,330       | 2,381                      | 1,916        |
| August .....    | 41,174       | 36,799       | 9,031        | 11,406       | 20,150            | 22,193       | 2,345                      | 2,044        |
| September ..... | 31,486       | 23,414       | 8,536        | 10,760       | 18,436            | 20,044       | 2,580                      | 1,921        |
| October .....   | 32,321       | 25,456       | 5,632        | 8,554        | 16,638            | 19,875       | 2,205                      | 1,835        |
| November .....  | 37,649       | 25,727       | 5,260        | 7,471        | 15,727            | 18,733       | 1,904                      | 1,933        |
| December .....  | 46,099       | 34,923       | 5,054        | 6,940        | 14,131            | 16,829       | 1,816                      | 1,781        |

  

| Month           | Frozen                |              |                           |              |                     |              |              |              |
|-----------------|-----------------------|--------------|---------------------------|--------------|---------------------|--------------|--------------|--------------|
|                 | Blackberries, barrels |              | Blackberries, concentrate |              | Blackberries, total |              | Blueberries  |              |
|                 | 2002                  | 2003         | 2002                      | 2003         | 2002                | 2003         | 2002         | 2003         |
|                 | 1,000 pounds          | 1,000 pounds | 1,000 pounds              | 1,000 pounds | 1,000 pounds        | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| January .....   | 6,087                 | 4,810        | 963                       | 623          | 29,779              | 19,395       | 91,259       | 76,903       |
| February .....  | 4,578                 | 3,954        | 1,215                     | 589          | 21,792              | 17,316       | 84,492       | 65,843       |
| March .....     | 3,981                 | 3,862        | 1,129                     | 527          | 19,930              | 16,265       | 75,051       | 56,836       |
| April .....     | 3,870                 | 3,503        | 937                       | 441          | 16,145              | 13,288       | 66,635       | 48,226       |
| May .....       | 3,279                 | 2,373        | 710                       | 670          | 12,203              | 9,416        | 56,245       | 35,299       |
| June .....      | 2,674                 | 1,897        | 535                       | 461          | 9,583               | 8,647        | 51,746       | 29,737       |
| July .....      | 11,445                | 7,181        | 505                       | 411          | 34,756              | 31,838       | 66,429       | 43,247       |
| August .....    | 10,952                | 7,476        | 614                       | 422          | 34,061              | 32,135       | 120,995      | 104,450      |
| September ..... | 11,102                | 7,639        | 576                       | 801          | 32,694              | 30,405       | 119,604      | 88,912       |
| October .....   | 8,270                 | 6,240        | 772                       | 790          | 27,885              | 28,740       | 111,364      | 86,071       |
| November .....  | 8,045                 | 3,919        | 485                       | 1,496        | 26,161              | 26,081       | 100,274      | 84,355       |
| December .....  | 6,364                 | 3,468        | 485                       | 1,317        | 22,796              | 23,395       | 88,705       | 76,834       |

See end of table.

**Table 5-110.—Fruit and orange juice: Cold storage holdings, end of month, United States, 2002 and 2003—Continued**

| Month          | Boysenberries       |                     | Cherries, Tart (RSP) |                     | Cherries, Sweet     |                     | Grapes              |                     |
|----------------|---------------------|---------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | 2002                | 2003                | 2002                 | 2003                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>  | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 2,810               | 2,660               | 117,143              | 47,995              | 12,424              | 7,195               | 4,689               | 6,226               |
| February ..... | 2,448               | 2,596               | 115,834              | 38,699              | 12,100              | 6,817               | 4,124               | 6,069               |
| March .....    | 2,335               | 2,048               | 106,151              | 34,968              | 10,640              | 6,276               | 3,805               | 5,593               |
| April .....    | 1,856               | 1,432               | 96,170               | 27,782              | 9,018               | 6,247               | 2,996               | 5,255               |
| May .....      | 1,691               | 1,119               | 86,138               | 18,375              | 8,647               | 4,834               | 3,187               | 5,314               |
| June .....     | 2,270               | 1,139               | 75,917               | 11,002              | 8,728               | 4,703               | 2,757               | 4,524               |
| July .....     | 5,655               | 3,337               | 81,794               | 69,005              | 13,529              | 8,881               | 2,423               | 3,749               |
| August .....   | 4,846               | 2,646               | 78,729               | 112,485             | 12,582              | 10,273              | 2,366               | 2,876               |
| September ...  | 4,128               | 1,944               | 74,498               | 96,049              | 11,603              | 8,846               | 4,989               | 4,481               |
| October .....  | 3,568               | 1,516               | 66,942               | 83,314              | 9,888               | 8,241               | 7,915               | 10,512              |
| November ..... | 3,356               | 1,231               | 59,721               | 76,485              | 8,019               | 7,426               | 7,605               | 11,021              |
| December ..... | 3,171               | 1,502               | 54,724               | 68,945              | 7,934               | 6,655               | 7,133               | 9,261               |

  

| Month          | Peaches             |                     | Raspberries, Black  |                     | Red Raspberries, IQF |                     | Red Raspberries, pails & tubs |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|-------------------------------|---------------------|
|                | 2002                | 2003                | 2002                | 2003                | 2002                 | 2003                | 2002                          | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>  | <i>1,000 pounds</i> | <i>1,000 pounds</i>           | <i>1,000 pounds</i> |
| January .....  | 57,791              | 60,806              | 2,762               | 1,991               | 15,648               | 15,029              | 8,352                         | 9,711               |
| February ..... | 51,198              | 52,319              | 2,486               | 1,939               | 13,881               | 14,082              | 7,867                         | 8,821               |
| March .....    | 43,959              | 44,650              | 2,257               | 1,788               | 11,944               | 12,607              | 7,181                         | 7,319               |
| April .....    | 36,187              | 36,028              | 2,188               | 1,328               | 10,063               | 11,051              | 5,737                         | 5,607               |
| May .....      | 28,116              | 25,697              | 2,020               | 1,143               | 8,970                | 9,997               | 4,845                         | 4,155               |
| June .....     | 30,694              | 17,515              | 1,961               | 1,092               | 7,480                | 10,981              | 4,126                         | 3,506               |
| July .....     | 26,069              | 23,160              | 4,195               | 2,332               | 26,321               | 31,256              | 16,514                        | 15,296              |
| August .....   | 59,708              | 47,699              | 4,119               | 2,205               | 27,054               | 30,433              | 15,661                        | 14,067              |
| September ...  | 91,213              | 72,064              | 3,644               | 1,696               | 25,314               | 27,873              | 13,991                        | 13,548              |
| October .....  | 89,133              | 82,408              | 2,824               | 1,491               | 22,878               | 25,318              | 12,538                        | 12,249              |
| November ..... | 82,842              | 76,421              | 2,585               | 1,287               | 19,998               | 21,513              | 12,016                        | 11,070              |
| December ..... | 72,564              | 69,444              | 2,612               | 1,058               | 17,502               | 19,038              | 10,810                        | 9,931               |

  

| Month          | Red Raspberries, barrels |                     | Red Raspberries, concentrate |                     | Red Raspberries, total |                     | Strawberries, IQF & Poly |                     |
|----------------|--------------------------|---------------------|------------------------------|---------------------|------------------------|---------------------|--------------------------|---------------------|
|                | 2002                     | 2003                | 2002                         | 2003                | 2002                   | 2003                | 2002                     | 2003                |
|                | <i>1,000 pounds</i>      | <i>1,000 pounds</i> | <i>1,000 pounds</i>          | <i>1,000 pounds</i> | <i>1,000 pounds</i>    | <i>1,000 pounds</i> | <i>1,000 pounds</i>      | <i>1,000 pounds</i> |
| January .....  | 14,793                   | 16,994              | 1,040                        | 803                 | 39,833                 | 42,537              | 124,193                  | 132,834             |
| February ..... | 13,174                   | 14,206              | 1,298                        | 904                 | 36,220                 | 38,013              | 106,388                  | 125,074             |
| March .....    | 11,595                   | 11,361              | 1,129                        | 838                 | 31,849                 | 32,125              | 98,112                   | 117,826             |
| April .....    | 7,977                    | 8,279               | 966                          | 683                 | 24,743                 | 25,620              | 104,480                  | 106,435             |
| May .....      | 6,855                    | 5,595               | 760                          | 660                 | 21,430                 | 20,407              | 162,933                  | 117,558             |
| June .....     | 5,571                    | 4,527               | 606                          | 472                 | 17,783                 | 19,486              | 271,619                  | 221,167             |
| July .....     | 34,212                   | 29,013              | 538                          | 435                 | 77,585                 | 76,000              | 296,726                  | 228,010             |
| August .....   | 36,445                   | 24,236              | 614                          | 1,119               | 79,774                 | 69,855              | 282,019                  | 206,066             |
| September ...  | 31,196                   | 18,097              | 843                          | 1,226               | 71,344                 | 60,744              | 256,249                  | 180,857             |
| October .....  | 26,185                   | 15,525              | 677                          | 1,583               | 62,278                 | 54,675              | 221,757                  | 159,937             |
| November ..... | 23,792                   | 13,002              | 635                          | 1,399               | 56,441                 | 46,984              | 197,396                  | 134,089             |
| December ..... | 21,807                   | 10,802              | 541                          | 1,116               | 50,660                 | 40,887              | 176,116                  | 111,531             |

  

| Month          | Strawberries, pails & tubs |                     | Strawberries, barrels & drums |                     | Strawberries, juice stock |                     | Strawberries, total |         |
|----------------|----------------------------|---------------------|-------------------------------|---------------------|---------------------------|---------------------|---------------------|---------|
|                | 2002                       | 2003                | 2002                          | 2003                | 2002                      | 2003                | 2002                | 2003    |
|                | <i>1,000 pounds</i>        | <i>1,000 pounds</i> | <i>1,000 pounds</i>           | <i>1,000 pounds</i> | <i>1,000 pounds</i>       | <i>1,000 pounds</i> |                     |         |
| January .....  | 56,372                     | 52,259              | 11,686                        | 28,878              | 8,639                     | 5,963               | 200,890             | 219,934 |
| February ..... | 48,062                     | 46,557              | 9,769                         | 25,047              | 6,321                     | 6,939               | 170,540             | 203,617 |
| March .....    | 33,872                     | 41,076              | 11,348                        | 22,121              | 6,685                     | 7,878               | 150,017             | 188,901 |
| April .....    | 32,216                     | 67,578              | 11,272                        | 21,626              | 5,635                     | 18,450              | 153,603             | 214,089 |
| May .....      | 36,085                     | 91,456              | 13,594                        | 32,023              | 14,355                    | 28,724              | 226,967             | 269,761 |
| June .....     | 71,375                     | 158,409             | 25,411                        | 33,775              | 21,493                    | 23,971              | 389,898             | 437,322 |
| July .....     | 82,233                     | 154,526             | 28,117                        | 64,989              | 25,371                    | 24,806              | 432,447             | 472,331 |
| August .....   | 74,213                     | 140,062             | 26,873                        | 59,522              | 22,844                    | 20,478              | 405,949             | 426,128 |
| September ...  | 69,910                     | 129,739             | 23,241                        | 53,290              | 20,230                    | 17,781              | 369,630             | 381,667 |
| October .....  | 62,358                     | 115,292             | 22,039                        | 47,450              | 18,237                    | 15,636              | 324,391             | 338,315 |
| November ..... | 58,426                     | 102,435             | 21,283                        | 40,004              | 15,784                    | 10,762              | 292,889             | 287,290 |
| December ..... | 57,056                     | 91,594              | 20,778                        | 35,494              | 12,426                    | 8,554               | 266,376             | 247,173 |

See end of table.



**Table 5-110.—Fruit and orange juice: Cold storage holdings, end of month, United States, 2002 and 2003—Continued**

| Month          | Other fruit  |              | Total frozen fruit |              | Orange juice |              |
|----------------|--------------|--------------|--------------------|--------------|--------------|--------------|
|                | 2002         | 2003         | 2002               | 2003         | 2002         | 2003         |
|                | 1,000 pounds | 1,000 pounds | 1,000 pounds       | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| January .....  | 388,146      | 384,322      | 1,015,458          | 923,018      | 1,721,270    | 1,851,914    |
| February ..... | 375,838      | 361,892      | 948,720            | 856,919      | 1,770,894    | 1,833,399    |
| March .....    | 337,088      | 330,267      | 858,986            | 784,763      | 1,794,375    | 1,856,561    |
| April .....    | 296,360      | 302,847      | 781,681            | 745,455      | 1,886,008    | 1,936,836    |
| May .....      | 265,570      | 279,266      | 783,663            | 732,506      | 1,982,817    | 2,102,615    |
| June .....     | 238,311      | 160,770      | 895,480            | 753,959      | 1,934,000    | 2,021,198    |
| July .....     | 210,944      | 147,839      | 1,016,044          | 933,294      | 1,870,861    | 1,848,906    |
| August .....   | 191,481      | 131,117      | 1,048,210          | 993,973      | 1,680,896    | 1,672,153    |
| September ...  | 190,911      | 146,954      | 1,017,263          | 930,374      | 1,543,617    | 1,529,938    |
| October .....  | 433,794      | 451,285      | 1,180,359          | 1,182,310    | 1,409,629    | 1,335,617    |
| November ..... | 435,283      | 453,406      | 1,120,259          | 1,107,053    | 1,471,232    | 1,428,515    |
| December ....  | 418,911      | 409,534      | 1,048,138          | 998,258      | 1,673,647    | 1,585,789    |

NASS, Livestock Branch, (202) 720-8784.

**Table 5-111.—Nuts: Cold storage holdings, end of month, United States, 2002 and 2003**

| Month          | Peanuts      |              |              |              |              |              |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | Shelled      |              | In-shell     |              | Total        |              |
|                | 2002         | 2003         | 2002         | 2003         | 2002         | 2003         |
|                | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| January .....  | 485,040      | 284,978      | 16,492       | 12,504       | 501,532      | 297,482      |
| February ..... | 541,345      | 306,156      | 15,645       | 15,556       | 556,990      | 321,712      |
| March .....    | 562,626      | 318,846      | 17,361       | 16,736       | 579,987      | 335,582      |
| April .....    | 578,187      | 341,006      | 20,143       | 17,274       | 598,330      | 358,280      |
| May .....      | 560,447      | 399,320      | 26,301       | 22,296       | 586,748      | 421,616      |
| June .....     | 531,862      | 400,397      | 34,401       | 23,047       | 566,263      | 423,444      |
| July .....     | 458,404      | 367,363      | 30,661       | 24,235       | 489,065      | 391,598      |
| August .....   | 330,681      | 236,506      | 14,589       | 13,674       | 345,270      | 250,180      |
| September ...  | 214,618      | 139,291      | 9,873        | 7,412        | 224,491      | 146,703      |
| October .....  | 261,649      | 168,126      | 14,046       | 10,329       | 275,695      | 178,455      |
| November ..... | 260,687      | 192,444      | 13,589       | 14,972       | 274,276      | 207,416      |
| December ....  | 275,060      | 221,475      | 13,878       | 17,074       | 288,938      | 238,549      |

| Month          | Pecans       |              |              |              |              |              |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | Shelled      |              | In-shell     |              | Total        |              |
|                | 2002         | 2003         | 2002         | 2003         | 2002         | 2003         |
|                | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| January .....  | 33,545       | 37,681       | 176,352      | 99,229       | 209,897      | 136,910      |
| February ..... | 42,295       | 39,153       | 195,471      | 105,471      | 237,766      | 144,624      |
| March .....    | 45,795       | 39,706       | 181,333      | 92,854       | 227,128      | 132,560      |
| April .....    | 47,588       | 41,771       | 165,641      | 74,625       | 213,229      | 116,396      |
| May .....      | 49,857       | 42,360       | 135,285      | 58,277       | 185,142      | 100,637      |
| June .....     | 52,955       | 43,258       | 120,484      | 47,296       | 173,439      | 90,554       |
| July .....     | 53,939       | 37,841       | 104,570      | 28,847       | 158,509      | 66,688       |
| August .....   | 54,726       | 32,127       | 83,033       | 14,023       | 137,759      | 46,150       |
| September ...  | 53,461       | 24,961       | 52,844       | 8,250        | 106,305      | 33,211       |
| October .....  | 40,670       | 16,417       | 33,745       | 10,703       | 74,415       | 27,120       |
| November ..... | 35,114       | 16,347       | 42,369       | 50,627       | 77,483       | 66,974       |
| December ....  | 35,135       | 17,992       | 76,241       | 141,037      | 111,376      | 159,029      |

| Month          | Other nuts   |              |              |              |              |              |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | Shelled      |              | In-shell     |              | Total        |              |
|                | 2002         | 2003         | 2002         | 2003         | 2002         | 2003         |
|                | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| January .....  | 126,974      | 122,161      | 14,170       | 7,872        | 141,144      | 130,033      |
| February ..... | 135,704      | 137,283      | 14,185       | 7,311        | 149,889      | 144,594      |
| March .....    | 128,923      | 151,658      | 11,447       | 9,429        | 140,370      | 161,087      |
| April .....    | 129,075      | 165,412      | 7,949        | 7,983        | 137,024      | 173,395      |
| May .....      | 78,194       | 174,640      | 5,822        | 7,412        | 84,016       | 182,052      |
| June .....     | 115,377      | 153,827      | 5,473        | 18,376       | 120,850      | 172,203      |
| July .....     | 89,831       | 129,633      | 5,027        | 16,846       | 94,858       | 146,479      |
| August .....   | 63,572       | 82,948       | 4,467        | 11,187       | 68,039       | 94,135       |
| September ...  | 69,564       | 91,011       | 10,419       | 15,023       | 79,983       | 106,034      |
| October .....  | 106,313      | 97,314       | 13,833       | 13,192       | 120,146      | 110,508      |
| November ..... | 107,247      | 113,896      | 14,468       | 9,727        | 121,715      | 123,623      |
| December ....  | 115,127      | 121,113      | 12,812       | 10,391       | 127,939      | 131,504      |

NASS, Livestock Branch, (202) 720-8784.

## CHAPTER VI

# STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops.

**Table 6-1.—Hay, all: Area, yield, production, and value, United States, 1994–2003**

| Year                    | Area harvested     | Yield per acre | Production        | Marketing year average price per ton received by farmers <sup>1</sup> | Value of production <sup>1</sup> |
|-------------------------|--------------------|----------------|-------------------|---|----------------------------------|
|                         | <i>1,000 acres</i> | <i>Tons</i>    | <i>1,000 tons</i> | <i>Dollars</i>  | <i>1,000 dollars</i>             |
| 1994 .....              | 58,815             | 2.55           | 150,136           | 86.70   | 11,113,274                       |
| 1995 .....              | 59,764             | 2.58           | 154,239           | 82.20   | 11,035,838                       |
| 1996 .....              | 61,169             | 2.45           | 149,779           | 95.80   | 12,726,992                       |
| 1997 .....              | 61,084             | 2.50           | 152,536           | 100.00  | 13,249,825                       |
| 1998 .....              | 60,006             | 2.52           | 151,387           | 84.60   | 11,606,734                       |
| 1999 .....              | 63,181             | 2.53           | 159,582           | 76.90   | 11,014,373                       |
| 2000 .....              | 60,355             | 2.54           | 153,603           | 84.60   | 11,416,651                       |
| 2001 .....              | 63,516             | 2.46           | 156,416           | 96.50   | 12,597,331                       |
| 2002 .....              | 63,942             | 2.34           | 149,467           | 92.40   | 12,450,234                       |
| 2003 <sup>2</sup> ..... | 63,342             | 2.48           | 157,123           | 92.90   | 12,330,971                       |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 6-2.—Hay, all: Stocks on farms, United States, 1994–2003**

| Crop year               | Dec. 1            | May 1 <sup>1</sup> |
|-------------------------|-------------------|--------------------|
|                         | <i>1,000 tons</i> | <i>1,000 tons</i>  |
| 1994 .....              | 105,296           | 20,775             |
| 1995 .....              | 109,438           | 20,739             |
| 1996 .....              | 105,179           | 17,424             |
| 1997 .....              | 103,044           | 21,827             |
| 1998 .....              | 111,809           | 24,662             |
| 1999 .....              | 109,115           | 28,848             |
| 2000 .....              | 106,412           | 21,248             |
| 2001 .....              | 110,384           | 22,458             |
| 2002 .....              | 102,978           | 22,013             |
| 2003 <sup>2</sup> ..... | 110,752           | NA                 |

<sup>1</sup> Following year. <sup>2</sup> Preliminary. NA-not available.

NASS, Crops Branch, (202) 720-2127.

**Table 6-3.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 2001–2003**

| State    | Area harvested |             |                   | Yield per harvested acre |      |                   | Production |            |                   |
|----------|----------------|-------------|-------------------|--------------------------|------|-------------------|------------|------------|-------------------|
|          | 2001           | 2002        | 2003 <sup>1</sup> | 2001                     | 2002 | 2003 <sup>1</sup> | 2001       | 2002       | 2003 <sup>1</sup> |
|          | 1,000 acres    | 1,000 acres | 1,000 acres       | Tons                     | Tons | Tons              | 1,000 tons | 1,000 tons | 1,000 tons        |
| AZ ..... | 215            | 230         | 235               | 8.00                     | 8.10 | 8.50              | 1,720      | 1,863      | 1,998             |
| AR ..... | 20             | 20          | 20                | 3.10                     | 3.00 | 3.50              | 62         | 60         | 70                |
| CA ..... | 1,010          | 1,160       | 1,090             | 7.00                     | 6.90 | 7.00              | 7,070      | 8,004      | 7,630             |
| CO ..... | 950            | 780         | 800               | 3.80                     | 2.90 | 3.20              | 3,610      | 2,262      | 2,560             |
| CT ..... | 8              | 9           | 8                 | 2.30                     | 2.40 | 2.90              | 18         | 22         | 23                |
| DE ..... | 8              | 6           | 5                 | 3.40                     | 3.20 | 2.70              | 27         | 19         | 14                |
| ID ..... | 1,120          | 1,170       | 1,200             | 3.90                     | 4.00 | 3.70              | 4,368      | 4,680      | 4,440             |
| IL ..... | 500            | 450         | 425               | 3.90                     | 3.60 | 4.10              | 1,950      | 1,620      | 1,743             |
| IN ..... | 330            | 300         | 350               | 4.00                     | 3.30 | 3.80              | 1,320      | 990        | 1,330             |
| IA ..... | 1,250          | 1,250       | 1,330             | 3.70                     | 3.90 | 3.70              | 4,625      | 4,875      | 4,921             |
| KS ..... | 900            | 950         | 1,000             | 4.60                     | 3.70 | 3.40              | 4,140      | 3,515      | 3,400             |
| KY ..... | 260            | 320         | 250               | 3.70                     | 2.90 | 3.50              | 962        | 928        | 875               |
| ME ..... | 10             | 12          | 8                 | 2.20                     | 2.00 | 2.30              | 22         | 24         | 18                |
| MD ..... | 65             | 60          | 45                | 3.10                     | 2.90 | 3.30              | 202        | 174        | 149               |
| MA ..... | 17             | 16          | 15                | 2.30                     | 2.40 | 2.40              | 39         | 38         | 36                |
| MI ..... | 900            | 870         | 850               | 3.40                     | 3.50 | 3.20              | 3,060      | 3,045      | 2,720             |
| MN ..... | 1,450          | 1,400       | 1,375             | 3.50                     | 3.30 | 3.00              | 5,075      | 4,620      | 4,125             |
| MO ..... | 380            | 400         | 450               | 3.05                     | 3.00 | 2.95              | 1,159      | 1,200      | 1,328             |
| MT ..... | 1,600          | 1,500       | 1,600             | 2.20                     | 2.00 | 2.10              | 3,520      | 3,000      | 3,360             |
| NE ..... | 1,400          | 1,350       | 1,450             | 3.55                     | 3.00 | 3.60              | 4,970      | 4,050      | 5,220             |
| NV ..... | 265            | 275         | 265               | 4.50                     | 4.30 | 4.40              | 1,193      | 1,183      | 1,166             |
| NH ..... | 7              | 8           | 8                 | 2.00                     | 2.30 | 2.40              | 14         | 18         | 19                |
| NJ ..... | 30             | 30          | 30                | 3.40                     | 2.60 | 3.50              | 102        | 78         | 105               |
| NM ..... | 260            | 240         | 230               | 5.00                     | 5.30 | 4.90              | 1,300      | 1,272      | 1,127             |
| NY ..... | 570            | 610         | 600               | 2.80                     | 2.50 | 2.80              | 1,596      | 1,525      | 1,680             |
| NC ..... | 20             | 20          | 18                | 3.00                     | 2.00 | 3.00              | 60         | 40         | 54                |
| ND ..... | 1,600          | 1,450       | 1,600             | 2.10                     | 1.30 | 1.65              | 3,360      | 1,885      | 2,640             |
| OH ..... | 610            | 620         | 580               | 3.50                     | 3.00 | 3.40              | 2,135      | 1,860      | 1,972             |
| OK ..... | 360            | 350         | 310               | 2.70                     | 3.50 | 3.20              | 972        | 1,225      | 992               |
| OR ..... | 460            | 495         | 490               | 4.30                     | 4.30 | 4.60              | 1,978      | 2,129      | 2,254             |
| PA ..... | 670            | 680         | 550               | 2.50                     | 2.60 | 3.00              | 1,675      | 1,768      | 1,650             |
| RI ..... | 2              | 2           | 1                 | 2.20                     | 2.20 | 2.50              | 4          | 4          | 3                 |
| SD ..... | 3,000          | 2,250       | 2,700             | 2.20                     | 1.50 | 1.90              | 6,600      | 3,375      | 5,130             |
| TN ..... | 35             | 30          | 30                | 3.70                     | 3.50 | 4.20              | 130        | 105        | 126               |
| TX ..... | 140            | 150         | 140               | 4.90                     | 4.60 | 4.70              | 686        | 690        | 658               |
| UT ..... | 560            | 565         | 545               | 4.00                     | 3.60 | 4.00              | 2,240      | 2,034      | 2,180             |
| VT ..... | 40             | 45          | 40                | 2.00                     | 2.00 | 2.00              | 80         | 90         | 80                |
| VA ..... | 130            | 140         | 130               | 3.10                     | 2.50 | 3.50              | 403        | 350        | 455               |
| WA ..... | 470            | 510         | 510               | 4.80                     | 4.90 | 5.30              | 2,256      | 2,499      | 2,703             |
| WV ..... | 50             | 50          | 45                | 2.50                     | 2.50 | 2.50              | 125        | 125        | 113               |
| WI ..... | 1,700          | 1,650       | 1,600             | 2.50                     | 2.80 | 2.30              | 4,250      | 4,620      | 3,680             |
| WY ..... | 580            | 500         | 650               | 2.20                     | 2.30 | 2.40              | 1,276      | 1,150      | 1,560             |
| US ..... | 23,952         | 22,923      | 23,578            | 3.35                     | 3.19 | 3.24              | 80,354     | 73,014     | 76,307            |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 6-4.—Hay, all other: Area, yield, and production, by States, 2001–2003**

| State    | Area harvested |             |                   | Yield per harvested acre |      |                   | Production |            |                   |
|----------|----------------|-------------|-------------------|--------------------------|------|-------------------|------------|------------|-------------------|
|          | 2001           | 2002        | 2003 <sup>1</sup> | 2001                     | 2002 | 2003 <sup>1</sup> | 2001       | 2002       | 2003 <sup>1</sup> |
|          | 1,000 acres    | 1,000 acres | 1,000 acres       | Tons                     | Tons | Tons              | 1,000 tons | 1,000 tons | 1,000 tons        |
| AL ..... | 920            | 825         | 780               | 2.60                     | 2.20 | 2.60              | 2,392      | 1,815      | 2,028             |
| AZ ..... | 43             | 45          | 40                | 3.30                     | 3.80 | 4.10              | 142        | 171        | 164               |
| AR ..... | 1,300          | 1,410       | 1,320             | 2.10                     | 2.30 | 2.20              | 2,730      | 3,243      | 2,904             |
| CA ..... | 550            | 590         | 480               | 3.10                     | 3.00 | 3.50              | 1,705      | 1,770      | 1,680             |
| CO ..... | 650            | 550         | 700               | 1.80                     | 1.30 | 1.50              | 1,170      | 715        | 1,050             |
| CT ..... | 55             | 53          | 52                | 1.80                     | 1.90 | 2.10              | 99         | 101        | 109               |
| DE ..... | 9              | 9           | 8                 | 2.40                     | 2.30 | 3.00              | 22         | 21         | 24                |
| FL ..... | 270            | 280         | 255               | 2.80                     | 2.80 | 2.50              | 756        | 784        | 638               |
| GA ..... | 650            | 650         | 600               | 3.00                     | 2.40 | 3.00              | 1,950      | 1,560      | 1,800             |
| ID ..... | 300            | 320         | 300               | 1.90                     | 1.90 | 1.70              | 570        | 608        | 510               |
| IL ..... | 300            | 325         | 350               | 2.40                     | 2.10 | 2.80              | 720        | 683        | 980               |
| IN ..... | 280            | 300         | 300               | 2.60                     | 2.10 | 2.60              | 728        | 630        | 780               |
| IA ..... | 400            | 350         | 270               | 2.35                     | 2.20 | 2.20              | 940        | 770        | 594               |
| KS ..... | 2,400          | 2,300       | 2,250             | 1.60                     | 1.50 | 1.60              | 3,840      | 3,450      | 3,600             |
| KY ..... | 2,100          | 2,100       | 2,200             | 2.20                     | 2.00 | 2.50              | 4,620      | 4,200      | 5,500             |
| LA ..... | 450            | 420         | 380               | 2.80                     | 2.50 | 2.90              | 1,260      | 1,050      | 1,102             |
| ME ..... | 135            | 145         | 120               | 1.50                     | 1.70 | 1.80              | 203        | 247        | 216               |
| MD ..... | 160            | 160         | 150               | 2.00                     | 2.20 | 2.60              | 320        | 352        | 390               |
| MA ..... | 80             | 70          | 75                | 1.80                     | 1.90 | 1.80              | 144        | 133        | 135               |
| MI ..... | 250            | 230         | 200               | 2.20                     | 2.20 | 2.00              | 550        | 506        | 400               |
| MN ..... | 700            | 700         | 700               | 1.60                     | 1.70 | 1.60              | 1,120      | 1,190      | 1,120             |
| MS ..... | 780            | 750         | 750               | 2.50                     | 2.50 | 2.50              | 1,950      | 1,875      | 1,875             |
| MO ..... | 3,900          | 3,850       | 3,800             | 1.80                     | 1.85 | 1.80              | 7,020      | 7,123      | 6,840             |
| MT ..... | 1,050          | 1,100       | 850               | 1.40                     | 1.40 | 1.50              | 1,470      | 1,540      | 1,275             |
| NE ..... | 1,800          | 1,700       | 1,700             | 1.35                     | 1.00 | 1.40              | 2,430      | 1,700      | 2,380             |
| NV ..... | 230            | 210         | 175               | 1.70                     | 1.60 | 1.50              | 391        | 336        | 263               |
| NH ..... | 50             | 46          | 47                | 1.70                     | 1.80 | 2.00              | 85         | 83         | 94                |
| NJ ..... | 90             | 90          | 90                | 1.70                     | 1.60 | 1.80              | 153        | 144        | 162               |
| NM ..... | 110            | 120         | 70                | 2.20                     | 1.90 | 2.20              | 242        | 228        | 154               |
| NY ..... | 1,100          | 1,100       | 1,250             | 1.80                     | 1.90 | 1.60              | 1,980      | 2,090      | 2,000             |
| NC ..... | 690            | 730         | 760               | 2.20                     | 1.80 | 2.60              | 1,518      | 1,314      | 1,976             |
| ND ..... | 1,150          | 1,850       | 1,350             | 1.55                     | 1.10 | 1.45              | 1,783      | 2,035      | 1,958             |
| OH ..... | 780            | 700         | 770               | 2.40                     | 2.20 | 2.60              | 1,872      | 1,540      | 2,002             |
| OK ..... | 2,050          | 2,800       | 2,500             | 1.40                     | 1.70 | 1.60              | 2,870      | 4,760      | 4,000             |
| OR ..... | 565            | 620         | 625               | 1.90                     | 2.20 | 2.20              | 1,074      | 1,364      | 1,375             |
| PA ..... | 980            | 1,050       | 1,100             | 1.80                     | 1.60 | 2.20              | 1,764      | 1,680      | 2,420             |
| RI ..... | 7              | 6           | 7                 | 1.70                     | 2.20 | 2.00              | 12         | 13         | 14                |
| SC ..... | 320            | 340         | 340               | 2.00                     | 1.90 | 2.60              | 640        | 646        | 884               |
| SD ..... | 1,700          | 1,600       | 1,600             | 1.50                     | 0.90 | 1.30              | 2,550      | 1,440      | 2,080             |
| TN ..... | 2,000          | 1,950       | 2,000             | 2.20                     | 2.10 | 2.30              | 4,400      | 4,095      | 4,600             |
| TX ..... | 4,900          | 5,300       | 5,100             | 2.00                     | 2.40 | 2.30              | 9,800      | 12,720     | 11,730            |
| UT ..... | 160            | 150         | 155               | 2.10                     | 1.80 | 2.00              | 336        | 270        | 310               |
| VT ..... | 200            | 195         | 195               | 1.60                     | 2.00 | 2.00              | 320        | 390        | 390               |
| VA ..... | 1,200          | 1,250       | 1,150             | 2.00                     | 1.70 | 2.60              | 2,400      | 2,125      | 2,990             |
| WA ..... | 320            | 310         | 300               | 2.60                     | 2.70 | 3.00              | 832        | 837        | 900               |
| WV ..... | 530            | 520         | 500               | 1.80                     | 1.80 | 1.90              | 954        | 936        | 950               |
| WI ..... | 350            | 400         | 500               | 1.80                     | 1.80 | 1.40              | 630        | 720        | 700               |
| WY ..... | 550            | 450         | 550               | 1.10                     | 1.00 | 1.40              | 605        | 450        | 770               |
| US ..... | 39,564         | 41,019      | 39,764            | 1.92                     | 1.86 | 2.03              | 76,062     | 76,453     | 80,816            |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 6-5.—Hay, all: Area, yield, and production, by States, 2001–2003**

| State    | Area harvested |                |                   | Yield per harvested acre |      |                   | Production    |               |                   |
|----------|----------------|----------------|-------------------|--------------------------|------|-------------------|---------------|---------------|-------------------|
|          | 2001           | 2002           | 2003 <sup>1</sup> | 2001                     | 2002 | 2003 <sup>1</sup> | 2001          | 2002          | 2003 <sup>1</sup> |
|          | 1,000<br>acres | 1,000<br>acres | 1,000<br>acres    | Tons                     | Tons | Tons              | 1,000<br>tons | 1,000<br>tons | 1,000<br>tons     |
| AL ..... | 920            | 825            | 780               | 2.60                     | 2.20 | 2.60              | 2,392         | 1,815         | 2,028             |
| AZ ..... | 258            | 275            | 275               | 7.22                     | 7.40 | 7.86              | 1,862         | 2,034         | 2,162             |
| AR ..... | 1,320          | 1,430          | 1,340             | 2.12                     | 2.31 | 2.22              | 2,792         | 3,303         | 2,974             |
| CA ..... | 1,560          | 1,750          | 1,570             | 5.63                     | 5.59 | 5.93              | 8,775         | 9,774         | 9,310             |
| CO ..... | 1,600          | 1,330          | 1,500             | 2.99                     | 2.24 | 2.41              | 4,780         | 2,977         | 3,610             |
| CT ..... | 63             | 62             | 60                | 1.86                     | 1.98 | 2.20              | 117           | 123           | 132               |
| DE ..... | 17             | 15             | 13                | 2.88                     | 2.67 | 2.92              | 49            | 40            | 38                |
| FL ..... | 270            | 280            | 255               | 2.80                     | 2.80 | 2.50              | 756           | 784           | 638               |
| GA ..... | 650            | 650            | 600               | 3.00                     | 2.40 | 3.00              | 1,950         | 1,560         | 1,800             |
| ID ..... | 1,420          | 1,490          | 1,500             | 3.48                     | 3.55 | 3.30              | 4,938         | 5,288         | 4,950             |
| IL ..... | 800            | 775            | 775               | 3.34                     | 2.97 | 3.51              | 2,670         | 2,303         | 2,723             |
| IN ..... | 610            | 600            | 650               | 3.36                     | 2.70 | 3.25              | 2,048         | 1,620         | 2,110             |
| IA ..... | 1,650          | 1,600          | 1,600             | 3.37                     | 3.53 | 3.45              | 5,565         | 5,645         | 5,515             |
| KS ..... | 3,300          | 3,250          | 3,250             | 2.42                     | 2.14 | 2.15              | 7,980         | 6,965         | 7,000             |
| KY ..... | 2,360          | 2,420          | 2,450             | 2.37                     | 2.12 | 2.60              | 5,582         | 5,128         | 6,375             |
| LA ..... | 450            | 420            | 380               | 2.80                     | 2.50 | 2.90              | 1,260         | 1,050         | 1,102             |
| ME ..... | 145            | 157            | 128               | 1.55                     | 1.73 | 1.83              | 225           | 271           | 234               |
| MD ..... | 225            | 220            | 195               | 2.32                     | 2.39 | 2.76              | 522           | 526           | 539               |
| MA ..... | 97             | 86             | 90                | 1.89                     | 1.99 | 1.90              | 183           | 171           | 171               |
| MI ..... | 1,150          | 1,100          | 1,050             | 3.14                     | 3.23 | 2.97              | 3,610         | 3,551         | 3,120             |
| MN ..... | 2,150          | 2,100          | 2,075             | 2.88                     | 2.77 | 2.53              | 6,195         | 5,810         | 5,245             |
| MS ..... | 780            | 750            | 750               | 2.50                     | 2.50 | 2.50              | 1,950         | 1,875         | 1,875             |
| MO ..... | 4,280          | 4,250          | 4,250             | 1.91                     | 1.96 | 1.92              | 8,179         | 8,323         | 8,168             |
| MT ..... | 2,650          | 2,600          | 2,450             | 1.88                     | 1.75 | 1.89              | 4,990         | 4,540         | 4,635             |
| NE ..... | 3,200          | 3,050          | 3,150             | 2.31                     | 1.89 | 2.41              | 7,400         | 5,750         | 7,600             |
| NV ..... | 495            | 485            | 440               | 3.20                     | 3.13 | 3.25              | 1,584         | 1,519         | 1,429             |
| NH ..... | 57             | 54             | 55                | 1.74                     | 1.87 | 2.05              | 99            | 101           | 113               |
| NJ ..... | 120            | 120            | 120               | 2.13                     | 1.85 | 2.23              | 255           | 222           | 267               |
| NM ..... | 370            | 360            | 300               | 4.17                     | 4.17 | 4.27              | 1,542         | 1,500         | 1,281             |
| NY ..... | 1,670          | 1,710          | 1,850             | 2.14                     | 2.11 | 1.99              | 3,576         | 3,615         | 3,680             |
| NC ..... | 710            | 750            | 778               | 2.22                     | 1.81 | 2.61              | 1,578         | 1,354         | 2,030             |
| ND ..... | 2,750          | 3,300          | 2,950             | 1.87                     | 1.19 | 1.56              | 5,143         | 3,920         | 4,598             |
| OH ..... | 1,390          | 1,320          | 1,350             | 2.88                     | 2.58 | 2.94              | 4,007         | 3,400         | 3,974             |
| OK ..... | 2,410          | 3,150          | 2,810             | 1.59                     | 1.90 | 1.78              | 3,842         | 5,985         | 4,992             |
| OR ..... | 1,025          | 1,115          | 1,115             | 2.98                     | 3.13 | 3.25              | 3,052         | 3,493         | 3,629             |
| PA ..... | 1,650          | 1,730          | 1,650             | 2.08                     | 1.99 | 2.47              | 3,439         | 3,448         | 4,070             |
| RI ..... | 9              | 8              | 8                 | 1.78                     | 2.13 | 2.13              | 16            | 17            | 17                |
| SC ..... | 320            | 340            | 340               | 2.00                     | 1.90 | 2.60              | 640           | 646           | 884               |
| SD ..... | 4,700          | 3,850          | 4,300             | 1.95                     | 1.25 | 1.68              | 9,150         | 4,815         | 7,210             |
| TN ..... | 2,035          | 1,980          | 2,030             | 2.23                     | 2.12 | 2.33              | 4,530         | 4,200         | 4,726             |
| TX ..... | 5,040          | 5,450          | 5,240             | 2.08                     | 2.46 | 2.36              | 10,486        | 13,410        | 12,388            |
| UT ..... | 720            | 715            | 700               | 3.58                     | 3.22 | 3.56              | 2,576         | 2,304         | 2,490             |
| VT ..... | 240            | 240            | 235               | 1.67                     | 2.00 | 2.00              | 400           | 480           | 470               |
| VA ..... | 1,330          | 1,390          | 1,280             | 2.11                     | 1.78 | 2.69              | 2,803         | 2,475         | 3,445             |
| WA ..... | 790            | 820            | 810               | 3.91                     | 4.07 | 4.45              | 3,088         | 3,336         | 3,603             |
| WV ..... | 580            | 570            | 545               | 1.86                     | 1.86 | 1.95              | 1,079         | 1,061         | 1,063             |
| WI ..... | 2,050          | 2,050          | 2,100             | 2.38                     | 2.60 | 2.09              | 4,880         | 5,340         | 4,380             |
| WY ..... | 1,130          | 950            | 1,200             | 1.66                     | 1.68 | 1.94              | 1,881         | 1,600         | 2,330             |
| US ..... | 63,516         | 63,942         | 63,342            | 2.46                     | 2.34 | 2.48              | 156,416       | 149,467       | 157,123           |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720–2127.

**Table 6-6.—Hay, all: Marketing year average price and value of production, by States, crop of 2001, 2002, and 2003**

| State    | Marketing year average price per ton, baled <sup>1</sup> |                |                | Value of production <sup>1</sup> |                      |                      |
|----------|--|----------------|----------------|----------------------------------|----------------------|----------------------|
|          | 2001   | 2002           | 2003           | 2001                             | 2002                 | 2003                 |
|          | <i>Dollars</i>   | <i>Dollars</i> | <i>Dollars</i> | <i>1,000 dollars</i>             | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL ..... | 55.00  | 57.00          | 58.00          | 131,560                          | 100,320              | 117,624              |
| AZ ..... | 99.00  | 99.50          | 95.50          | 183,273                          | 202,289              | 205,487              |
| AR ..... | 62.50  | 60.00          | 55.00          | 171,488                          | 197,080              | 148,982              |
| CA ..... | 115.00   | 95.50          | 91.00          | 1,018,989                        | 912,462              | 842,310              |
| CO ..... | 101.00   | 116.00         | 92.50          | 480,440                          | 358,644              | 352,200              |
| CT ..... | 147.00   | 143.00         | 144.00         | 17,244                           | 16,465               | 18,952               |
| DE ..... | 136.00   | 158.00         | 147.00         | 6,731                            | 6,804                | 5,674                |
| FL ..... | 96.00  | 97.00          | 90.00          | 72,576                           | 76,048               | 57,420               |
| GA ..... | 58.00  | 57.00          | 60.00          | 113,100                          | 96,330               | 108,000              |
| ID ..... | 116.00   | 95.00          | 87.00          | 565,014                          | 527,492              | 425,910              |
| IL ..... | 87.50  | 89.50          | 84.00          | 231,645                          | 206,820              | 223,510              |
| IN ..... | 90.00  | 131.00         | 102.00         | 176,088                          | 189,000              | 201,680              |
| IA ..... | 89.50  | 82.00          | 74.00          | 480,095                          | 459,420              | 403,230              |
| KS ..... | 89.00  | 87.50          | 72.50          | 641,130                          | 591,080              | 469,200              |
| KY ..... | 71.00  | 68.50          | 78.50          | 359,998                          | 364,380              | 448,250              |
| LA ..... | 51.00  | 45.00          | 51.00          | 64,260                           | 50,625               | 56,202               |
| ME ..... | 108.00   | 109.00         | 109.00         | 21,778                           | 25,539               | 25,470               |
| MD ..... | 134.00   | 156.00         | 150.00         | 70,250                           | 79,128               | 80,977               |
| MA ..... | 146.00   | 147.00         | 148.00         | 26,965                           | 29,450               | 25,164               |
| MI ..... | 70.50  | 84.50          | 89.00          | 266,740                          | 309,875              | 288,400              |
| MN ..... | 58.00  | 67.50          | 66.00          | 366,468                          | 459,860              | 351,853              |
| MS ..... | 44.00  | 41.50          | 42.50          | 85,800                           | 77,813               | 79,688               |
| MO ..... | 75.00  | 67.50          | 66.50          | 551,911                          | 502,020              | 478,020              |
| MT ..... | 94.00  | 82.50          | 76.50          | 412,598                          | 375,060              | 351,158              |
| NE ..... | 70.50  | 85.00          | 65.00          | 519,957                          | 497,325              | 487,090              |
| NV ..... | 114.00   | 102.00         | 97.50          | 180,165                          | 155,771              | 138,596              |
| NH ..... | 131.00   | 139.00         | 140.00         | 12,992                           | 12,126               | 15,826               |
| NJ ..... | 111.00   | 110.00         | 121.00         | 28,713                           | 23,160               | 32,625               |
| NM ..... | 124.00   | 140.00         | 144.00         | 195,994                          | 234,884              | 185,584              |
| NY ..... | 104.00   | 106.00         | 125.00         | 353,902                          | 379,121              | 454,240              |
| NC ..... | 72.00  | 81.50          | 66.00          | 113,460                          | 92,100               | 134,380              |
| ND ..... | 45.50  | 64.50          | 52.50          | 228,528                          | 231,665              | 226,798              |
| OH ..... | 87.00  | 113.00         | 126.00         | 365,370                          | 405,720              | 498,433              |
| OK ..... | 76.50  | 79.50          | 75.50          | 280,595                          | 327,820              | 325,760              |
| OR ..... | 112.00   | 100.00         | 105.00         | 333,626                          | 339,333              | 365,694              |
| PA ..... | 116.00   | 134.00         | 149.00         | 401,117                          | 485,592              | 610,390              |
| RI ..... | 145.00   | 143.00         | 143.00         | 2,034                            | 2,149                | 2,465                |
| SC ..... | 85.00  | 70.00          | 65.00          | 54,400                           | 43,890               | 57,460               |
| SD ..... | 65.50  | 78.00          | 66.50          | 574,725                          | 362,640              | 451,870              |
| TN ..... | 54.00  | 56.00          | 54.00          | 257,091                          | 255,224              | 253,564              |
| TX ..... | 75.00  | 77.00          | 87.50          | 743,891                          | 930,400              | 810,997              |
| UT ..... | 95.00  | 94.50          | 88.00          | 232,552                          | 210,474              | 215,875              |
| VT ..... | 111.00   | 112.00         | 111.00         | 44,480                           | 53,550               | 52,150               |
| VA ..... | 84.00  | 97.50          | 88.50          | 230,015                          | 199,675              | 308,555              |
| WA ..... | 120.00   | 111.00         | 111.00         | 375,328                          | 377,734              | 414,321              |
| WV ..... | 66.50  | 63.50          | 56.00          | 71,875                           | 67,477               | 59,727               |
| WI ..... | 55.00  | 70.00          | 60.50          | 276,495                          | 373,050              | 277,540              |
| WY ..... | 109.00   | 110.00         | 81.00          | 203,885                          | 175,350              | 185,670              |
| US ..... | 96.50  | 92.40          | 92.90          | 12,597,381                       | 12,450,234           | 12,330,971           |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720-2127.

**Table 6-7.—Hay: Area and production, by kinds, United States, 1994-2003**

| Year                    | Area harvested     |                    |                    | Production         |                    |                    |
|-------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                         | Alfalfa            | All other hay      | All hay            | Alfalfa            | All other hay      | All hay            |
|                         | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> |
| 1994 .....              | 24,138             | 34,677             | 58,815             | 81,130             | 69,006             | 150,136            |
| 1995 .....              | 24,404             | 35,360             | 59,764             | 84,138             | 70,101             | 154,239            |
| 1996 .....              | 24,206             | 36,963             | 61,169             | 79,139             | 70,640             | 149,779            |
| 1997 .....              | 23,551             | 37,533             | 61,084             | 78,535             | 74,001             | 152,536            |
| 1998 .....              | 23,592             | 36,414             | 60,006             | 81,992             | 69,395             | 151,387            |
| 1999 .....              | 24,066             | 39,115             | 63,181             | 84,405             | 75,177             | 159,582            |
| 2000 .....              | 23,463             | 36,892             | 60,355             | 81,520             | 72,083             | 153,603            |
| 2001 .....              | 23,952             | 39,564             | 63,516             | 80,354             | 76,062             | 156,416            |
| 2002 .....              | 22,923             | 41,019             | 63,942             | 73,014             | 76,453             | 149,467            |
| 2003 <sup>1</sup> ..... | 23,578             | 39,764             | 63,342             | 76,307             | 80,816             | 157,123            |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 6-8.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1994–2003<sup>1</sup>**

| Year beginning May      | Farm carryover May 1 | Production   | Total supply | Disappearance | Roughage-consuming animal units | Supply per animal unit | Disappearance per animal unit | Price received per ton |
|-------------------------|----------------------|--------------|--------------|---------------|---------------------------------|------------------------|-------------------------------|------------------------|
|                         | Million tons         | Million tons | Million tons | Million tons  | Million units                   | Tons                   | Tons                          | Dollars                |
| 1994 .....              | 22.1                 | 150.1        | 172.2        | 151.4         | 78.0                            | 2.21                   | 1.94                          | 86.70                  |
| 1995 .....              | 20.8                 | 154.2        | 175.0        | 154.2         | 78.1                            | 2.24                   | 1.97                          | 82.20                  |
| 1996 .....              | 20.8                 | 149.8        | 170.5        | 152.8         | 76.4                            | 2.23                   | 2.00                          | 95.80                  |
| 1997 .....              | 17.4                 | 152.5        | 170.0        | 148.1         | 74.9                            | 2.27                   | 1.98                          | 100.00                 |
| 1998 .....              | 21.8                 | 151.8        | 173.6        | 148.8         | 74.5                            | 2.33                   | 2.00                          | 84.60                  |
| 1999 .....              | 24.8                 | 159.7        | 184.5        | 155.7         | 73.3                            | 2.52                   | 2.12                          | 76.90                  |
| 2000 .....              | 28.8                 | 151.9        | 181.0        | 159.6         | 72.5                            | 2.49                   | 2.20                          | 84.60                  |
| 2001 .....              | 21.1                 | 156.8        | 177.8        | 155.4         | 72.2                            | 2.46                   | 2.15                          | 96.50                  |
| 2002 .....              | 22.5                 | 151.0        | 173.5        | 151.3         | 72.0                            | 2.41                   | 2.10                          | 92.4                   |
| 2003 <sup>2</sup> ..... | 22.2                 | 157.1        | 179.3        | NA            | 70.7                            | 2.54                   | NA                            | NA                     |

<sup>1</sup> Excludes trade. <sup>2</sup> Preliminary. NA-not available.

ERS, Market and Trade Economics Division, (202) 694-5296.

**Table 6-9.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1994–2003**

| Kind of seed  | 1994                 | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    |
|---|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|   | Price per 100 pounds |         |         |         |         |         |         |         |         |         |
|   | Dollars              | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars |
| Alfalfa, uncertified varieties .....  | 161.00               | 168.00  | 185.00  | 185.00  | 205.00  | 184.00  | 165.00  | 158.00  | 157.00  | 178.00  |
| Alfalfa, certified varieties .....  | 266.00               | 274.00  | 277.00  | 282.00  | 288.00  | 287.00  | 277.00  | 278.00  | 280.00  | 286.00  |
| Clover, ladino .....  | 321.00               | 320.00  | 318.00  | 307.00  | 308.00  | 298.00  | 285.00  | 285.00  | 280.00  | 305.00  |
| Clover, red .....   | 148.00               | 134.00  | 172.00  | 184.00  | 194.00  | 178.00  | 143.00  | 132.00  | 130.00  | 144.00  |
| Lespedeza, Korean .....   | 84.50                | 66.00   | 99.00   | 90.00   | 89.00   | 76.15   | 77.50   | 160.00  | 98.00   | 102.00  |
| Lespedeza, Striate, Kobe .....  | 82.40                | 95.60   | 125.00  | 112.00  | 108.00  | 96.00   | 90.00   | 180.00  | 104.00  | 108.00  |
| Lespedeza, Sericea .....  | 169.00               | 178.00  | 291.00  | 220.00  | 290.00  | 294.00  | 310.00  | 330.00  | 300.00  | 281.00  |
| Timothy .....   | 76.00                | 71.00   | 76.00   | 73.00   | 71.20   | 78.80   | 115.00  | 105.00  | 90.00   | 107.00  |
| Orchardgrass .....  | 161.00               | 148.00  | 141.00  | 119.00  | 116.00  | 107.00  | 108.00  | 135.00  | 143.00  | 147.00  |
| Blue Grass, Kentucky: Public and common Proprietary, including Merion ..... | 211.00               | 159.00  | 172.00  | 153.00  | 152.00  | 129.00  | 158.00  | 140.00  | 155.00  | 159.00  |
| Ryegrass, annual .....  | 274.00               | 228.00  | 243.00  | 224.00  | 216.00  | 204.00  | 214.00  | 220.00  | 225.00  | 228.00  |
| Tall fescue .....   | 64.60                | 67.60   | 58.80   | 57.90   | 65.30   | 64.20   | 60.50   | 55.50   | 58.00   | 51.30   |
| Sudangrass .....  | 71.50                | 88.10   | 109.00  | 148.00  | 101     | 99.50   | 91.00   | 114.00  | 106.00  | 92.60   |
| Potatoes .....  | 47.90                | 51.80   | 51.90   | 51.40   | 53.70   | 52.20   | 53.00   | 53.00   | 56.00   | 55.30   |
| Peanuts .....   | 10.20                | 7.90    | 10.30   | 7.60    | 9.10    | 8.50    | 10.45   | 8.50    | 10.90   | 10.80   |
| Sunflower .....   | 86.90                | 79.50   | 82.00   | 81.75   | 83.60   | 80.90   | 81.70   | 82.60   | 82.10   | 55.90   |
| Cottonseed, all .....   | 297.00               | 297.00  | 313.00  | 355.00  | 380.00  | 400.00  | 395.00  | 407.00  | 407.00  | 417.00  |
| Biotech <sup>1</sup> .....  | 63.50                | 68.20   | 73.00   | 74.90   | 79.30   | 82.40   | 128.00  | 154.00  | 213.00  | 218.00  |
| Non-biotech .....   | .....                | .....   | .....   | .....   | .....   | .....   | .....   | 217.00  | 271.00  | 293.00  |
| Grain sorghum, hybrid ..  | 82.10                | 78.70   | 84.00   | 92.00   | 96.00   | 97.60   | 93.00   | 93.00   | 87.00   | 107.00  |
|   | .....                | .....   | .....   | .....   | .....   | .....   | .....   | .....   | 94.00   | 100.00  |
|   | .....                | .....   | .....   | .....   | .....   | .....   | .....   | .....   | 96.00   | .....   |
|   | Price per bushel     |         |         |         |         |         |         |         |         |         |
|   | Dollars              | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars |
| Com, hybrid, all <sup>2</sup> .....   | 73.40                | 77.10   | 77.70   | 83.50   | 86.90   | 88.10   | 87.50   | 92.20   | 92.00   | 102.00  |
| Biotech <sup>1</sup> .....  | .....                | .....   | .....   | .....   | .....   | .....   | .....   | 110.00  | 113.00  | 115.00  |
| Non-biotech .....   | .....                | .....   | .....   | .....   | .....   | .....   | .....   | 85.30   | 85.80   | 90.90   |
| Wheat (spring) .....  | 7.37                 | 7.12    | 8.10    | 7.30    | 6.85    | 6.10    | 6.10    | 6.20    | 6.50    | 8.77    |
| Wheat (winter) .....  | 7.90                 | 7.80    | 8.50    | 10.00   | 8.25    | 7.35    | 7.05    | 7.20    | 7.70    | 8.01    |
| Oats (spring) .....   | 4.69                 | 4.51    | 5.19    | 5.32    | 5.02    | 4.60    | 4.50    | 4.70    | 5.35    | 7.05    |
| Rice .....  | 22.00                | 15.10   | 17.50   | 19.00   | 19.50   | 19.10   | 17.25   | 15.70   | 14.90   | 14.90   |
| Barley (spring) .....   | 5.18                 | 5.37    | 6.49    | 6.13    | 6.04    | 5.80    | 5.80    | 5.80    | 5.80    | 6.90    |
| Soybeans for seed, all ..   | 13.60                | 13.40   | 14.80   | 16.10   | 17.15   | 17.00   | 17.10   | 20.70   | 22.50   | 24.20   |
| Biotech <sup>1</sup> .....  | .....                | .....   | .....   | .....   | .....   | .....   | .....   | 23.90   | 27.00   | 28.80   |
| Non-biotech .....   | .....                | .....   | .....   | .....   | .....   | .....   | .....   | 17.90   | 15.00   | 19.60   |
| Flaxseed .....  | 7.74                 | 8.00    | 8.14    | 9.31    | 10.00   | 8.50    | 7.90    | 7.60    | 7.60    | 9.96    |

<sup>1</sup> Biotech varieties are made to be resistant to herbicides, insects, or both. A technology fee is included within the price. <sup>2</sup> Price per 80,000 kernels.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 6-10—Beans, dry edible (cleaned basis): Production, by classes, United States, 2001–2003<sup>1</sup>**

| Class                            | 2001              | 2002              | 2003              |
|----------------------------------|-------------------|-------------------|-------------------|
|                                  | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| Navy (pea beans) .....           | 2,311             | 5,389             | 2,514             |
| Great northern .....             | 2,108             | 1,558             | 2,216             |
| Small white .....                | 39                | 68                | 55                |
| Pinto .....                      | 8,750             | 13,188            | 10,437            |
| Red kidney, light .....          | 776               | 1,207             | 1,111             |
| Red kidney, dark .....           | 736               | 1,136             | 845               |
| Pink .....                       | 326               | 596               | 612               |
| Small red .....                  | 172               | 592               | 581               |
| Cranberry .....                  | 147               | 359               | 190               |
| Black .....                      | 783               | 3,120             | 1,263             |
| Large lima (CA) .....            | 326               | 334               | 370               |
| Baby lima (CA) .....             | 235               | 501               | 325               |
| Blackeye .....                   | 553               | 543               | 790               |
| Small chickpeas (Garbanzo) ..... |                   |                   | 60                |
| Large chickpeas (Garbanzo) ..... |                   |                   | 374               |
| Chickpeas, all (Garbanzo) .....  | 1,612             | 861               | 434               |
| Other .....                      | 736               | 860               | 772               |
| <b>Total .....</b>               | <b>19,610</b>     | <b>30,312</b>     | <b>22,515</b>     |

<sup>1</sup> Excludes beans grown for garden seed.  
NASS, Crops Branch, (202) 720-2127.

**Table 6-11.—Beans, dry edible: Area, yield, and production, by States, 2001–2003<sup>1</sup>**

| State           | Area planted       |                    |                    | Area harvested     |                    |                    | Yield per acre (cleaned basis) |               |               | Production (cleaned basis) |                   |                   |
|-----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------------|---------------|---------------|----------------------------|-------------------|-------------------|
|                 | 2001               | 2002               | 2003               | 2001               | 2002               | 2003               | 2001                           | 2002          | 2003          | 2001                       | 2002              | 2003              |
|                 | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>                  | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 cwt.</i>          | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| CA .....        | 88.0               | 92.0               | 77.0               | 85.0               | 89.0               | 75.0               | 1,760                          | 1,980         | 1,870         | 1,496                      | 1,762             | 1,403             |
| CO .....        | 115.0              | 92.0               | 80.0               | 105.0              | 70.0               | 73.0               | 1,700                          | 2,170         | 1,600         | 1,785                      | 1,519             | 1,168             |
| ID .....        | 75.0               | 95.0               | 75.0               | 73.0               | 93.0               | 73.0               | 1,950                          | 2,050         | 2,050         | 1,424                      | 1,907             | 1,497             |
| KS .....        | 16.0               | 21.0               | 12.0               | 15.0               | 17.5               | 11.0               | 1,850                          | 1,600         | 2,100         | 277                        | 280               | 231               |
| MI .....        | 215.0              | 270.0              | 170.0              | 130.0              | 265.0              | 165.0              | 600                            | 1,850         | 1,500         | 780                        | 4,903             | 2,475             |
| MN .....        | 115.0              | 170.0              | 115.0              | 105.0              | 155.0              | 110.0              | 1,500                          | 1,720         | 1,700         | 1,575                      | 2,666             | 1,870             |
| MT .....        | 43.5               | 26.9               | 13.0               | 28.5               | 23.0               | 12.8               | 1,320                          | 1,600         | 1,820         | 376                        | 367               | 233               |
| NE .....        | 160.0              | 185.0              | 155.0              | 148.0              | 165.0              | 148.0              | 2,150                          | 2,100         | 2,130         | 3,185                      | 3,465             | 3,151             |
| NM .....        | 15.0               | 8.5                | 10.0               | 15.0               | 8.5                | 10.0               | 2,000                          | 1,800         | 1,860         | 300                        | 153               | 186               |
| NY .....        | 23.0               | 25.0               | 25.0               | 22.3               | 24.5               | 24.0               | 870                            | 1,360         | 1,860         | 194                        | 333               | 446               |
| ND .....        | 440.0              | 790.0              | 540.0              | 400.0              | 690.0              | 520.0              | 1,550                          | 1,540         | 1,500         | 6,200                      | 10,626            | 7,800             |
| OR .....        | 10.0               | 9.8                | 7.0                | 9.5                | 8.5                | 6.0                | 1,810                          | 1,720         | 1,650         | 172                        | 146               | 99                |
| SD .....        | 18.0               | 21.0               | 8.0                | 17.0               | 16.0               | 7.5                | 1,590                          | 1,630         | 1,770         | 270                        | 261               | 133               |
| TX .....        | 30.0               | 37.5               | 50.0               | 26.4               | 32.5               | 44.0               | 1,320                          | 970           | 1,170         | 348                        | 315               | 513               |
| UT .....        | 6.1                | 1.8                | 5.6                | 5.7                | 0.3                | 5.2                | 300                            | 1,670         | 310           | 17                         | 5                 | 16                |
| WA .....        | 34.0               | 44.5               | 27.5               | 34.0               | 44.5               | 27.5               | 1,700                          | 1,870         | 1,910         | 578                        | 830               | 525               |
| WI .....        | 6.8                | 7.7                | 6.0                | 6.6                | 7.6                | 5.9                | 1,800                          | 1,970         | 2,100         | 119                        | 150               | 124               |
| WY .....        | 27.0               | 32.0               | 30.0               | 24.0               | 29.0               | 29.0               | 2,140                          | 2,150         | 2,220         | 514                        | 624               | 645               |
| <b>US .....</b> | <b>1,437.4</b>     | <b>1,929.7</b>     | <b>1,406.1</b>     | <b>1,250.0</b>     | <b>1,738.9</b>     | <b>1,346.9</b>     | <b>1,569</b>                   | <b>1,743</b>  | <b>1,672</b>  | <b>19,610</b>              | <b>30,312</b>     | <b>22,515</b>     |

<sup>1</sup> Excludes beans grown for garden seed.  
NASS, Crops Branch, (202) 720-2127.



**Table 6-12.—Beans, dry edible: Area, yield, production, price, and value, United States, 1994–2003<sup>1</sup>**

| Year       | Area planted       | Area harvested     | Yield per acre <sup>2</sup> | Production <sup>2</sup> | Marketing year average price per 100 pounds received by farmers <sup>3</sup> | Value of production <sup>3</sup> |
|------------|--------------------|--------------------|-----------------------------|-------------------------|--|----------------------------------|
|            | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>               | <i>1,000 cwt.</i>       | <i>Dollars</i>   | <i>1,000 dollars</i>             |
| 1994 ..... | 2,011.8            | 1,831.2            | 1,581                       | 28,950                  | 22.50  | 631,080                          |
| 1995 ..... | 2,066.3            | 1,896.3            | 1,618                       | 30,689                  | 20.80  | 633,620                          |
| 1996 ..... | 1,839.0            | 1,750.7            | 1,594                       | 27,912                  | 23.50  | 652,240                          |
| 1997 ..... | 1,869.8            | 1,758.8            | 1,670                       | 29,370                  | 19.30  | 576,658                          |
| 1998 ..... | 2,014.1            | 1,917.7            | 1,586                       | 30,418                  | 19.00  | 567,243                          |
| 1999 ..... | 2,027.5            | 1,881.0            | 1,762                       | 33,146                  | 16.40  | 547,636                          |
| 2000 ..... | 1,767.7            | 1,616.5            | 1,642                       | 26,543                  | 15.50  | 413,986                          |
| 2001 ..... | 1,437.4            | 1,250.0            | 1,569                       | 19,610                  | 22.10  | 426,475                          |
| 2002 ..... | 1,929.7            | 1,738.9            | 1,743                       | 30,312                  | 17.10  | 513,793                          |
| 2003 ..... | 1,406.0            | 1,346.9            | 1,672                       | 22,515                  | 17.80  | 411,930                          |

<sup>1</sup> Excludes beans grown for garden seed. <sup>2</sup> Cleaned basis. <sup>3</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720-2127.

**Table 6-13.—Beans, dry edible (cleaned basis): Marketing year average price and value of production, by States, crop of 2001, 2002, and 2003<sup>1</sup>**

| State    | Marketing year average price per cwt. <sup>2</sup> |                |                | Value of production <sup>2</sup> |                      |                      |
|----------|--|----------------|----------------|----------------------------------|----------------------|----------------------|
|          | 2001   | 2002           | 2003           | 2001                             | 2002                 | 2003                 |
|          | <i>Dollars</i>                                     | <i>Dollars</i> | <i>Dollars</i> | <i>1,000 dollars</i>             | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| CA ..... | 31.20  | 33.30          | 34.70          | 46,675                           | 58,675               | 48,684               |
| CO ..... | 23.60  | 17.70          | 17.50          | 42,126                           | 26,886               | 20,440               |
| ID ..... | 21.20  | 18.60          | 18.90          | 30,189                           | 35,470               | 28,293               |
| KS ..... | 18.00  | 17.00          | 18.00          | 4,662                            | 2,720                | 4,158                |
| MI ..... | 24.60  | 15.30          | 18.60          | 19,188                           | 75,016               | 46,035               |
| MN ..... | 24.30  | 16.00          | 19.50          | 38,273                           | 39,600               | 36,465               |
| MT ..... | 17.30  | 15.20          | 17.60          | 6,505                            | 5,487                | 4,101                |
| NE ..... | 18.50  | 18.60          | 17.00          | 58,923                           | 64,449               | 53,567               |
| NM ..... | 19.00  | 15.00          | 16.00          | 5,700                            | 2,160                | 2,976                |
| NY ..... | 24.70  | 22.20          | 22.40          | 4,792                            | 7,393                | 9,990                |
| ND ..... | 20.40  | 14.30          | 15.20          | 126,480                          | 151,952              | 118,560              |
| OR ..... | 20.50  | 18.40          | 18.40          | 3,526                            | 2,889                | 1,822                |
| SD ..... | 18.70  | 17.40          | 15.80          | 5,049                            | 4,541                | 2,101                |
| TX ..... | 20.00  | 20.00          | 20.00          | 6,960                            | 6,300                | 10,260               |
| UT ..... | 27.00  | 18.50          | 17.70          | 459                              | 93                   | 283                  |
| WA ..... | 20.80  | 19.90          | 19.80          | 12,022                           | 16,318               | 10,395               |
| WI ..... | 28.40  | 17.70          | 26.50          | 3,124                            | 2,425                | 3,286                |
| WY ..... | 23.00  | 18.30          | 16.30          | 11,822                           | 11,419               | 10,514               |
| US ..... | 22.10  | 17.10          | 17.80          | 426,475                          | 513,793              | 411,930              |

<sup>1</sup> Excludes beans grown for garden seed. <sup>2</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720-2127.

**Table 6-14.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1993–2002**

| Year beginning September | F.o.b. California points |                |                | F.o.b. Northern Colorado points: Pinto | F.o.b. Western Nebraska points: Great northern | F.o.b. Southern Idaho points: Small red | F.o.b. Michigan points: |                |                  |
|--------------------------|--------------------------|----------------|----------------|--|--|---|-------------------------|----------------|------------------|
|                          | Baby lima                | Large lima     | Blackeye       |  |  |   | Pea bean (Navy)         | Black          | Light red kidney |
|                          | <i>Dollars</i>           | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                         | <i>Dollars</i>                                 | <i>Dollars</i>                          | <i>Dollars</i>          | <i>Dollars</i> | <i>Dollars</i>   |
| 1993 .....               | 34.65                    | 41.87          | 42.72          | 33.28                                  | 33.15  | 29.33                                   | 23.73                   | 27.95          | 30.57            |
| 1994 .....               | 33.81                    | 44.67          | 40.18          | 21.32                                  | 37.18  | 28.19                                   | 31.63                   | 32.60          | 28.77            |
| 1995 .....               | 39.66                    | 49.97          | 29.36          | 25.74                                  | 38.55  | 28.87                                   | 23.88                   | 22.86          | 29.02            |
| 1996 .....               | 45.58                    | 57.09          | 32.57          | 27.56                                  | 26.61  | 39.31                                   | 23.11                   | 27.08          | 37.76            |
| 1997 .....               | 27.51                    | 39.81          | 31.00          | 26.48                                  | 27.07  | 28.16                                   | 20.82                   | 33.19          | 28.44            |
| 1998 .....               | 41.27                    | 46.80          | 37.52          | 20.89                                  | 25.84  | 27.54                                   | 26.33                   | 28.56          | 32.40            |
| 1999 .....               | 28.57                    | 35.90          | 23.40          | 19.75                                  | 24.25  | 21.92                                   | 19.16                   | 18.37          | 26.79            |
| 2000 .....               | 26.26                    | 34.56          | 25.95          | 21.02                                  | 23.20  | 24.33                                   | 16.43                   | 18.33          | 25.32            |
| 2001 .....               | 33.73                    | 41.65          | 29.93          | 31.39                                  | 23.52  | 33.36                                   | 25.65                   | 37.44          | 34.04            |
| 2002 <sup>1</sup> .....  | 32.45                    | 42.45          | 34.30          | 23.00                                  | 26.15  | 28.75                                   | 17.85                   | 18.90          | 29.55            |

<sup>1</sup> Preliminary.

ERS, Specialty Crops Branch, (202) 694-5253. Compiled from the Bean Market Summary, Agricultural Marketing Service, U.S. Department of Agriculture, Greeley, Colorado.

**Table 6-15.—Beans, dry edible: United States exports by class and quantity, 1993/94–2002/2003**

| Year <sup>1</sup> | Navy or pea        | Great northern     | Other white        | Pinto              | Red kidney         | Other <sup>2</sup> | Total              |
|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                   | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| 1993/94 ....      | 68,274             | 16,368             | 1,481              | 64,235             | 33,388             | 93,478             | 277,224            |
| 1994/95 ....      | 95,426             | 36,484             | 7,438              | 144,344            | 38,166             | 95,316             | 417,174            |
| 1995/96 ....      | 86,464             | 28,291             | 1,126              | 82,062             | 32,380             | 98,920             | 329,244            |
| 1996/97 ....      | 95,279             | 40,773             | 551                | 74,960             | 35,335             | 107,092            | 353,992            |
| 1997/98 ....      | 107,669            | 50,201             | 1,338              | 96,256             | 33,605             | 150,203            | 439,271            |
| 1998/99 ....      | 90,679             | 42,011             | 1,561              | 94,991             | 27,680             | 117,212            | 374,135            |
| 1999/2000 ....    | 67,222             | 38,204             | 1,388              | 64,337             | 28,662             | 127,581            | 327,394            |
| 2000/2001 ....    | 89,997             | 50,742             | 1,565              | 93,037             | 31,939             | 103,492            | 370,771            |
| 2001/2002 ....    | 63,088             | 48,179             | 882                | 71,198             | 20,163             | 77,124             | 280,634            |
| 2002/2003 ....    | 66,334             | 41,014             | 11,746             | 56,333             | 33,113             | 90,481             | 299,022            |

<sup>1</sup> Marketing year beginning September 1. <sup>2</sup> Includes other colored, black, blackeye, and limas.  
 FAS, Grain and Feed Division, (202) 720–6219. Compiled from reports of the U.S. Department of Commerce.

**Table 6-16.—Beans, dry edible: United States exports to specified countries, 2000/2001–2002/2003<sup>1 2</sup>**

| Country                         | 2000/2001                | 2001/2002                | 2002/2003                |
|---------------------------------|--------------------------|--------------------------|--------------------------|
|                                 | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| Mexico .....                    | 90                       | 60                       | 62                       |
| United Kingdom .....            | 59                       | 40                       | 36                       |
| Iraq .....                      | 0                        | 0                        | 34                       |
| Canada .....                    | 22                       | 14                       | 24                       |
| Haiti .....                     | 21                       | 15                       | 15                       |
| Japan .....                     | 17                       | 14                       | 13                       |
| Zambia .....                    | 0                        | 0                        | 11                       |
| France .....                    | 14                       | 8                        | 8                        |
| Italy .....                     | 15                       | 6                        | 8                        |
| South Africa, Republic of ..... | 0                        | 2                        | 7                        |
| Dominican Republic .....        | 10                       | 16                       | 7                        |
| Australia .....                 | 4                        | 4                        | 6                        |
| Netherlands .....               | 7                        | 1                        | 5                        |
| Angola .....                    | 12                       | 10                       | 5                        |
| Guatemala .....                 | 6                        | 6                        | 4                        |
| Rwanda .....                    | 2                        | 2                        | 4                        |
| Germany .....                   | 2                        | 1                        | 4                        |
| Spain .....                     | 5                        | 6                        | 4                        |
| Greece .....                    | 6                        | 6                        | 3                        |
| Portugal .....                  | 2                        | 2                        | 3                        |
| Other .....                     | 78                       | 68                       | 36                       |
| <b>Total .....</b>              | <b>371</b>               | <b>281</b>               | <b>299</b>               |

<sup>1</sup> Marketing year beginning September 1. <sup>2</sup> Excluding seed bean exports. Compiled from U.S. Census data.  
 FAS, Grain and Feed Division, (202) 720–6219.

**Table 6-17.—Peas, dry field: United States exports to specified countries, 2000/2001–2002/2003<sup>1 2 3</sup>**

| Country                                   | 2000/2001          | 2001/2002          | 2002/2003          |
|---|--------------------|--------------------|--------------------|
|   | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| Canada .....                              | 10                 | 31                 | 42                 |
| Philippines .....                         | 14                 | 19                 | 13                 |
| Kenya .....                               | 3                  | 2                  | 8                  |
| Korea, Republic of .....                  | 2                  | 4                  | 5                  |
| Spain .....                               | 12                 | 9                  | 5                  |
| Uganda .....                              | 0                  | 3                  | 3                  |
| Sudan .....                               | 0                  | 0                  | 3                  |
| Peru .....                                | 4                  | 2                  | 2                  |
| Burundi .....                             | 0                  | 0                  | 2                  |
| India .....                               | 13                 | 9                  | 2                  |
| Algeria .....                             | 4                  | 2                  | 2                  |
| Korea, Democratic People's Republic ..... | 0                  | 0                  | 2                  |
| Angola .....                              | 0                  | 1                  | 2                  |
| Japan .....                               | 2                  | 1                  | 2                  |
| Somalia .....                             | 0                  | 0                  | 1                  |
| Mauritania .....                          | 0                  | 0                  | 1                  |
| Belgium-Luxembourg .....                  | 0                  | 0                  | 1                  |
| South Africa, Republic of .....           | 0                  | 2                  | 1                  |
| Taiwan .....                              | 2                  | 2                  | 1                  |
| Mexico .....                              | 3                  | 1                  | 1                  |
| Other .....                               | 34                 | 22                 | 15                 |
| <b>Total .....</b>                        | <b>104</b>         | <b>111</b>         | <b>119</b>         |

<sup>1</sup> Marketing year beginning September 1. <sup>2</sup> Excluding seed pea exports. <sup>3</sup> Regional totals include countries not listed.  
FAS, Grain and Feed Division, (202) 720-6219.

**Table 6-18.—Hops: Area, yield, production, price, value, and Sept. 1 stocks, United States, 1994–2003**

| Year                    | Area harvested     | Yield per acre | Production          | Marketing year average price per pound received by farmers <sup>1</sup> | Value of production <sup>1</sup> | Stocks Sept. 1      |
|-------------------------|--------------------|----------------|---------------------|---|----------------------------------|---------------------|
|                         | <i>1,000 acres</i> | <i>Pounds</i>  | <i>1,000 pounds</i> | <i>Cents</i>  | <i>1,000 dollars</i>             | <i>1,000 pounds</i> |
| 1994 .....              | 42.4               | 1,758          | 74,560              | 181.0   | 134,701                          | 63,000              |
| 1995 .....              | 43.2               | 1,826          | 78,852              | 171.0   | 135,087                          | 55,900              |
| 1996 .....              | 44.2               | 1,698          | 74,971              | 165.0   | 123,530                          | 58,700              |
| 1997 .....              | 43.3               | 1,729          | 74,872              | 160.0   | 119,840                          | 62,000              |
| 1998 .....              | 36.6               | 1,625          | 59,548              | 169.0   | 100,728                          | 55,000              |
| 1999 .....              | 34.3               | 1,881          | 64,456              | 169.0   | 109,099                          | 54,000              |
| 2000 .....              | 36.1               | 1,871          | 67,577              | 187.0   | 126,217                          | 48,000              |
| 2001 .....              | 35.9               | 1,861          | 66,832              | 185.0   | 123,843                          | 54,000              |
| 2002 .....              | 29.3               | 1,990          | 58,337              | 191.0   | 111,546                          | 65,000              |
| 2003 <sup>2</sup> ..... | 28.7               | 1,903          | 54,565              | 190.0   | 103,727                          | 69,000              |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 6-19.—Hops: Area, yield, and production, by States, 2001–2003**

| State    | Area harvested     |                    |                    | Yield per acre |               |                   | Production          |                     |                     |
|----------|--------------------|--------------------|--------------------|----------------|---------------|-------------------|---------------------|---------------------|---------------------|
|          | 2001               | 2002               | 2003 <sup>1</sup>  | 2001           | 2002          | 2003 <sup>1</sup> | 2001                | 2002                | 2003 <sup>1</sup>   |
|          | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Pounds</i>  | <i>Pounds</i> | <i>Pounds</i>     | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| ID ..... | 3,469              | 3,399              | 3,429              | 1,329          | 1,624         | 1,536             | 4,609.3             | 5,519.6             | 5,266.3             |
| OR ..... | 6,103              | 5,577              | 5,748              | 1,875          | 1,692         | 1,626             | 11,443.2            | 9,438.0             | 9,347.6             |
| WA ..... | 26,339             | 20,333             | 19,492             | 1,928          | 2,133         | 2,050             | 50,779.6            | 43,379.0            | 39,951.2            |
| US ..... | 35,911             | 29,309             | 28,669             | 1,861          | 1,990         | 1,903             | 66,832.1            | 58,336.6            | 54,565.1            |

<sup>1</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 6-20.—Hops: Marketing year average price and value of production, by States, crop of 2001, 2002, and 2003 <sup>1</sup>**

| State       | Marketing year average price per pound |                |                   | Value of production  |                      |                      |
|-------------|--|----------------|-------------------|----------------------|----------------------|----------------------|
|             | 2001                                   | 2002           | 2003 <sup>2</sup> | 2001                 | 2002                 | 2003 <sup>2</sup>    |
|             | <i>Dollars</i>                         | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| ID .....    | 1.59                                   | 1.58           | 1.62              | 7,329                | 8,721                | 8,531                |
| OR .....    | 2.15                                   | 2.07           | 2.32              | 24,603               | 19,537               | 21,686               |
| WA .....    | 1.81                                   | 1.92           | 1.84              | 91,911               | 83,288               | 73,510               |
| Total ..... | 1.85                                   | 1.91           | 1.90              | 123,843              | 111,546              | 103,727              |

<sup>1</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 6-21.—Hops: United States exports by country of destination and imports by country of origin, 2000/2001–2002/2003**

| Item and country         | Year beginning September |                    |                    |
|--------------------------|--------------------------|--------------------|--------------------|
|                          | 2000/2001                | 2001/2002          | 2002/2003          |
|                          | <i>Metric tons</i>       | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Exports</b>           |                          |                    |                    |
| North America:           |                          |                    |                    |
| Canada .....             | 821                      | 691                | 1,010              |
| Mexico .....             | 1,080                    | 995                | 949                |
| Total .....              | 1,901                    | 1,686              | 1,958              |
| European Union:          |                          |                    |                    |
| Belgium-Luxembourg ..... | 1,163                    | 755                | 1,214              |
| Germany .....            | 1,490                    | 684                | 1,086              |
| United Kingdom .....     | 318                      | 727                | 651                |
| Netherlands .....        | 315                      | 149                | 234                |
| Finland .....            | 3                        | 5                  | 22                 |
| Other Countries .....    | 315                      | 164                | 134                |
| Total .....              | 3,602                    | 2,483              | 3,341              |
| Asia:                    |                          |                    |                    |
| Japan .....              | 530                      | 511                | 443                |
| Philippines .....        | 121                      | 69                 | 98                 |
| Thailand .....           | 155                      | 165                | 271                |
| Hong Kong .....          | 318                      | 182                | 286                |
| Other Countries .....    | 429                      | 416                | 471                |
| Total .....              | 1,552                    | 1,342              | 1,568              |
| Latin America:           |                          |                    |                    |
| Brazil .....             | 1,369                    | 978                | 1,212              |
| Colombia .....           | 237                      | 410                | 313                |
| Argentina .....          | 218                      | 155                | 117                |
| Venezuela .....          | 309                      | 323                | 90                 |
| Other Countries .....    | 183                      | 160                | 194                |
| Total .....              | 2,315                    | 2,026              | 1,924              |
| Other countries:         |                          |                    |                    |
| Russian Federation ..... | 135                      | 156                | 147                |
| Australia .....          | 127                      | 162                | 86                 |
| Other Countries .....    | 1,032                    | 621                | 1,239              |
| Total .....              | 1,294                    | 939                | 1,472              |
| Grand total .....        | 10,550                   | 8,357              | 9,614              |
| <b>Imports</b>           |                          |                    |                    |
| Eastern Europe:          |                          |                    |                    |
| Czech Republic .....     | 37                       | 82                 | 42                 |
| Poland .....             | 5                        | 18                 | 15                 |
| Slovenia .....           | 0                        | 0                  | 0                  |
| Total .....              | 42                       | 99                 | 57                 |
| European Union:          |                          |                    |                    |
| Belgium-Luxembourg ..... | 13                       | 1                  | 37                 |
| France .....             | 1,051                    | 981                | 1,003              |
| German .....             | 2,149                    | 2,618              | 2,537              |
| Spain .....              | 0                        | 0                  | 236                |
| United Kingdom .....     | 120                      | 171                | 156                |
| Total .....              | 3,332                    | 3,770              | 3,968              |
| Oceania:                 |                          |                    |                    |
| Australia .....          | 441                      | 255                | 434                |
| New Zealand .....        | 276                      | 20                 | 93                 |
| Total .....              | 717                      | 275                | 527                |
| Other Asia:              |                          |                    |                    |
| China, Peoples Rep. .... | 0                        | 0                  | 415                |
| Total .....              | 0                        | 8                  | 415                |
| Grand total .....        | 4,091                    | 4,151              | 4,966              |

## CHAPTER VII

### STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

**Table 7-1.—All cattle and calves: Number and value, United States, Jan. 1, 1995–2004**

| Year                    | Total number     | Value          |                      |
|-------------------------|------------------|----------------|----------------------|
|                         |                  | Per head       | Total                |
|                         | <i>Thousands</i> | <i>Dollars</i> | <i>1,000 dollars</i> |
| 1995 .....              | 102,785          | 615            | 63,185,288           |
| 1996 .....              | 103,548          | 503            | 52,055,705           |
| 1997 .....              | 101,656          | 525            | 53,383,392           |
| 1998 .....              | 99,744           | 603            | 60,193,070           |
| 1999 .....              | 99,115           | 594            | 58,833,650           |
| 2000 .....              | 98,198           | 683            | 67,099,440           |
| 2001 .....              | 97,277           | 725            | 70,495,030           |
| 2002 .....              | 96,704           | 747            | 72,283,865           |
| 2003 .....              | 96,100           | 728            | 69,948,620           |
| 2004 <sup>1</sup> ..... | 94,882           | 819            | 77,733,180           |

<sup>1</sup> Preliminary.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-2.—All cattle and calves: Number, by classes, United States, Jan. 1, 1995–2004**

| Year                    | All cattle and calves <sup>1</sup> | Cows and heifers that have calved |                   | 500 pounds and over   |                       |                   |                   |                   | Calves under 500 pounds |
|-------------------------|------------------------------------|-----------------------------------|-------------------|-----------------------|-----------------------|-------------------|-------------------|-------------------|-------------------------|
|                         |                                    | Beef cows                         | Milk cows         | Heifers               |                       |                   | Steers            | Bulls             |                         |
|                         |                                    |                                   |                   | Beef cow replacements | Milk cow replacements | Other             |                   |                   |                         |
|                         | <i>Thou-sands</i>                  | <i>Thou-sands</i>                 | <i>Thou-sands</i> | <i>Thou-sands</i>     | <i>Thou-sands</i>     | <i>Thou-sands</i> | <i>Thou-sands</i> | <i>Thou-sands</i> | <i>Thou-sands</i>       |
| 1995 .....              | 102,785                            | 35,190                            | 9,482             | 6,452                 | 4,121                 | 9,302             | 17,513            | 2,385             | 18,341                  |
| 1996 .....              | 103,548                            | 35,319                            | 9,420             | 6,189                 | 4,090                 | 9,948             | 17,815            | 2,384             | 18,384                  |
| 1997 .....              | 101,656                            | 34,458                            | 9,318             | 6,042                 | 4,058                 | 10,212            | 17,392            | 2,350             | 17,826                  |
| 1998 .....              | 99,744                             | 33,885                            | 9,199             | 5,764                 | 3,986                 | 10,051            | 17,189            | 2,270             | 17,401                  |
| 1999 .....              | 99,115                             | 33,745                            | 9,133             | 5,535                 | 4,069                 | 10,170            | 16,891            | 2,281             | 17,290                  |
| 2000 .....              | 98,198                             | 33,569                            | 9,190             | 5,503                 | 4,000                 | 10,147            | 16,682            | 2,293             | 16,815                  |
| 2001 .....              | 97,277                             | 33,397                            | 9,183             | 5,588                 | 4,057                 | 10,131            | 16,441            | 2,274             | 16,206                  |
| 2002 .....              | 96,704                             | 33,118                            | 9,112             | 5,561                 | 4,060                 | 10,057            | 16,790            | 2,244             | 15,763                  |
| 2003 .....              | 96,100                             | 32,983                            | 9,142             | 5,624                 | 4,114                 | 9,891             | 16,554            | 2,248             | 15,545                  |
| 2004 <sup>2</sup> ..... | 94,882                             | 32,860                            | 8,991             | 5,517                 | 4,020                 | 9,804             | 16,280            | 2,206             | 15,204                  |

<sup>1</sup>Totals may not add due to rounding. <sup>2</sup>Preliminary.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-3.—All cattle and calves: Number and value, by States, Jan. 1, 2003–2004**

| State    | Number           |                   | Value          |                   |                      |                      |
|----------|------------------|-------------------|----------------|-------------------|----------------------|----------------------|
|          | 2003             | 2004 <sup>1</sup> | Value per head |                   | Total value          |                      |
|          |                  |                   | 2003           | 2004 <sup>1</sup> | 2003                 | 2004 <sup>1</sup>    |
|          | <i>Thousands</i> | <i>Thousands</i>  | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL ..... | 1,440            | 1,360             | 570            | 630               | 820,800              | 856,800              |
| AK ..... | 12.5             | 12.5              | 820            | 870               | 10,250               | 10,875               |
| AZ ..... | 840              | 850               | 760            | 820               | 638,400              | 697,000              |
| AR ..... | 1,850            | 1,900             | 620            | 710               | 1,147,000            | 1,349,000            |
| CA ..... | 5,250            | 5,200             | 930            | 1,030             | 4,882,500            | 5,356,000            |
| CO ..... | 2,650            | 2,400             | 770            | 920               | 2,040,500            | 2,208,000            |
| CT ..... | 56               | 54                | 1,010          | 910               | 56,560               | 49,140               |
| DE ..... | 21               | 25                | 1,000          | 860               | 21,000               | 21,500               |
| FL ..... | 1,750            | 1,740             | 670            | 720               | 1,172,500            | 1,252,800            |
| GA ..... | 1,290            | 1,250             | 600            | 650               | 774,000              | 812,500              |
| HI ..... | 151              | 156               | 560            | 580               | 84,560               | 90,480               |
| ID ..... | 2,000            | 2,010             | 880            | 980               | 1,760,000            | 1,969,800            |
| IL ..... | 1,360            | 1,310             | 710            | 850               | 965,600              | 1,113,500            |
| IN ..... | 860              | 830               | 720            | 830               | 619,200              | 688,900              |
| IA ..... | 3,550            | 3,450             | 730            | 840               | 2,591,500            | 2,898,000            |
| KS ..... | 6,350            | 6,650             | 670            | 800               | 4,254,500            | 5,320,000            |
| KY ..... | 2,430            | 2,320             | 630            | 710               | 1,530,900            | 1,647,200            |
| LA ..... | 860              | 850               | 640            | 680               | 550,400              | 578,000              |
| ME ..... | 93               | 91                | 980            | 920               | 91,140               | 83,720               |
| MD ..... | 240              | 235               | 980            | 910               | 235,200              | 213,850              |
| MA ..... | 50               | 48                | 1,020          | 930               | 51,000               | 44,640               |
| MI ..... | 990              | 1,030             | 840            | 910               | 831,600              | 937,300              |
| MN ..... | 2,450            | 2,400             | 770            | 840               | 1,886,500            | 2,016,000            |
| MS ..... | 1,070            | 1,020             | 570            | 650               | 609,900              | 663,000              |
| MO ..... | 4,500            | 4,350             | 670            | 770               | 3,015,000            | 3,349,500            |
| MT ..... | 2,450            | 2,400             | 820            | 950               | 2,009,000            | 2,280,000            |
| NE ..... | 6,200            | 6,250             | 720            | 880               | 4,464,000            | 5,500,000            |
| NV ..... | 510              | 510               | 750            | 840               | 382,500              | 428,400              |
| NH ..... | 40               | 39                | 1,060          | 950               | 42,400               | 37,050               |
| NJ ..... | 46               | 46                | 1,010          | 990               | 46,460               | 45,540               |
| NM ..... | 1,550            | 1,510             | 780            | 860               | 1,209,000            | 1,298,600            |
| NY ..... | 1,450            | 1,420             | 960            | 960               | 1,392,000            | 1,363,200            |
| NC ..... | 900              | 880               | 600            | 630               | 540,000              | 554,400              |
| ND ..... | 1,880            | 1,750             | 840            | 920               | 1,579,200            | 1,610,000            |
| OH ..... | 1,220            | 1,230             | 810            | 860               | 988,200              | 1,057,800            |
| OK ..... | 5,400            | 5,100             | 650            | 730               | 3,510,000            | 3,723,000            |
| OR ..... | 1,360            | 1,440             | 760            | 810               | 1,033,600            | 1,166,400            |
| PA ..... | 1,630            | 1,640             | 930            | 970               | 1,515,900            | 1,590,800            |
| RI ..... | 5.5              | 5.5               | 900            | 870               | 4,950                | 4,785                |
| SC ..... | 435              | 425               | 590            | 650               | 256,650              | 276,250              |
| SD ..... | 3,700            | 3,650             | 790            | 910               | 2,923,000            | 3,321,500            |
| TN ..... | 2,270            | 2,210             | 590            | 650               | 1,339,300            | 1,436,500            |
| TX ..... | 14,000           | 13,900            | 610            | 700               | 8,540,000            | 9,730,000            |
| UT ..... | 880              | 860               | 760            | 790               | 668,800              | 679,400              |
| VT ..... | 285              | 285               | 1,070          | 1,050             | 304,950              | 299,250              |
| VA ..... | 1,630            | 1,540             | 610            | 670               | 994,300              | 1,031,800            |
| WA ..... | 1,100            | 1,120             | 870            | 970               | 957,000              | 1,086,400            |
| WV ..... | 405              | 380               | 600            | 670               | 243,000              | 254,600              |
| WI ..... | 3,350            | 3,350             | 1,010          | 1,040             | 3,383,500            | 3,484,000            |
| WY ..... | 1,290            | 1,400             | 760            | 890               | 980,400              | 1,246,000            |
| US ..... | 96,100.0         | 94,882.0          | 728            | 819               | 69,948,620           | 77,733,180           |

<sup>1</sup> Preliminary.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-4.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 2003 and 2004**

| State    | Cows and heifers that have calved |                              |                              |                              | Heifers, 500 pounds and over |                              |                              |                              |                              |                              |
|----------|-----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|          | Beef cows                         |                              | Milk cows                    |                              | Beef cow replacements        |                              | Milk cow replacements        |                              | Other                        |                              |
|          | 2003                              | 2004 <sup>1</sup>            | 2003                         | 2004 <sup>1</sup>            | 2003                         | 2004 <sup>1</sup>            | 2003                         | 2004 <sup>1</sup>            | 2003                         | 2004 <sup>1</sup>            |
|          | <i>Thou-</i><br><i>sands</i>      | <i>Thou-</i><br><i>sands</i> | <i>Thou-</i><br><i>sands</i> | <i>Thou-</i><br><i>sands</i> | <i>Thou-</i><br><i>sands</i> | <i>Thou-</i><br><i>sands</i> | <i>Thou-</i><br><i>sands</i> | <i>Thou-</i><br><i>sands</i> | <i>Thou-</i><br><i>sands</i> | <i>Thou-</i><br><i>sands</i> |
| AL ..... | 761                               | 732                          | 19                           | 18                           | 118                          | 105                          | 7                            | 7                            | 40                           | 33                           |
| AK ..... | 4.7                               | 5.1                          | 1.3                          | 1.2                          | 0.9                          | 1.0                          | 0.6                          | 0.5                          | 0.3                          | 0.2                          |
| AZ ..... | 170                               | 175                          | 155                          | 155                          | 34                           | 33                           | 35                           | 37                           | 20                           | 20                           |
| AR ..... | 949                               | 982                          | 31                           | 28                           | 180                          | 180                          | 10                           | 10                           | 75                           | 85                           |
| CA ..... | 740                               | 720                          | 1,670                        | 1,700                        | 130                          | 125                          | 790                          | 730                          | 170                          | 170                          |
| CO ..... | 702                               | 612                          | 98                           | 98                           | 102                          | 95                           | 38                           | 45                           | 650                          | 580                          |
| CT ..... | 6                                 | 6                            | 23                           | 21                           | 1.0                          | 1.5                          | 11.0                         | 10.5                         | 1.5                          | 1.0                          |
| DE ..... | 4                                 | 4                            | 9                            | 8                            | 0.3                          | 0.3                          | 2.7                          | 2.8                          | 0.6                          | 1.9                          |
| FL ..... | 953                               | 950                          | 147                          | 140                          | 130                          | 140                          | 40                           | 40                           | 25                           | 20                           |
| GA ..... | 625                               | 616                          | 85                           | 84                           | 90                           | 85                           | 29                           | 26                           | 36                           | 30                           |
| HI ..... | 79                                | 82                           | 7                            | 6                            | 12                           | 12                           | 3                            | 2                            | 6                            | 6                            |
| ID ..... | 490                               | 488                          | 390                          | 412                          | 90                           | 95                           | 190                          | 180                          | 195                          | 205                          |
| IL ..... | 426                               | 432                          | 114                          | 108                          | 60                           | 61                           | 50                           | 52                           | 160                          | 132                          |
| IN ..... | 230                               | 227                          | 145                          | 143                          | 41                           | 41                           | 55                           | 55                           | 56                           | 62                           |
| IA ..... | 992                               | 984                          | 208                          | 196                          | 130                          | 125                          | 100                          | 95                           | 590                          | 590                          |
| KS ..... | 1,518                             | 1,550                        | 112                          | 110                          | 250                          | 230                          | 50                           | 80                           | 1,620                        | 1,650                        |
| KY ..... | 1,120                             | 1,128                        | 120                          | 112                          | 175                          | 160                          | 45                           | 40                           | 130                          | 110                          |
| LA ..... | 475                               | 489                          | 45                           | 41                           | 86                           | 81                           | 10                           | 10                           | 17                           | 17                           |
| ME ..... | 10                                | 11                           | 36                           | 34                           | 4.5                          | 4.0                          | 19.0                         | 18.5                         | 1.5                          | 1.5                          |
| MD ..... | 41                                | 42                           | 80                           | 77                           | 11                           | 10                           | 32                           | 30                           | 9                            | 10                           |
| MA ..... | 5                                 | 6                            | 20                           | 18                           | 1.0                          | 1.5                          | 10.0                         | 9.0                          | 1.0                          | 0.5                          |
| MI ..... | 89                                | 85                           | 301                          | 300                          | 35                           | 30                           | 135                          | 130                          | 42                           | 51                           |
| MN ..... | 400                               | 395                          | 480                          | 465                          | 100                          | 100                          | 295                          | 280                          | 180                          | 190                          |
| MS ..... | 557                               | 541                          | 33                           | 29                           | 95                           | 95                           | 15                           | 12                           | 25                           | 25                           |
| MO ..... | 2,116                             | 2,125                        | 134                          | 125                          | 305                          | 280                          | 55                           | 60                           | 320                          | 270                          |
| MT ..... | 1,432                             | 1,472                        | 18                           | 18                           | 390                          | 420                          | 11                           | 8                            | 189                          | 142                          |
| NE ..... | 1,934                             | 1,848                        | 66                           | 62                           | 280                          | 280                          | 20                           | 20                           | 1,390                        | 1,520                        |
| NV ..... | 245                               | 244                          | 25                           | 26                           | 46                           | 44                           | 11                           | 10                           | 35                           | 35                           |
| NH ..... | 4.0                               | 3.5                          | 17                           | 16                           | 1.5                          | 1.1                          | 8.0                          | 8.0                          | 0.5                          | 0.4                          |
| NJ ..... | 9                                 | 10                           | 13                           | 12                           | 3.0                          | 3.5                          | 6                            | 6                            | 2.0                          | 2.5                          |
| NM ..... | 466                               | 455                          | 314                          | 325                          | 90                           | 85                           | 70                           | 75                           | 110                          | 105                          |
| NY ..... | 85                                | 82                           | 675                          | 658                          | 25                           | 28                           | 325                          | 300                          | 40                           | 42                           |
| NC ..... | 412                               | 402                          | 63                           | 58                           | 73                           | 72                           | 28                           | 27                           | 19                           | 21                           |
| ND ..... | 973                               | 937                          | 37                           | 33                           | 155                          | 156                          | 13                           | 14                           | 230                          | 215                          |
| OH ..... | 260                               | 262                          | 260                          | 258                          | 70                           | 65                           | 110                          | 115                          | 70                           | 80                           |
| OK ..... | 2,047                             | 1,970                        | 83                           | 80                           | 380                          | 370                          | 30                           | 20                           | 500                          | 530                          |
| OR ..... | 593                               | 603                          | 117                          | 117                          | 115                          | 120                          | 60                           | 70                           | 110                          | 130                          |
| PA ..... | 150                               | 156                          | 590                          | 564                          | 45                           | 40                           | 280                          | 280                          | 50                           | 50                           |
| RI ..... | 1.6                               | 1.7                          | 1.4                          | 1.3                          | 0.3                          | 0.3                          | 0.6                          | 0.7                          | 0.1                          | 0.1                          |
| SC ..... | 210                               | 218                          | 20                           | 17                           | 38                           | 32                           | 8                            | 7                            | 15                           | 12                           |
| SD ..... | 1,696                             | 1,711                        | 84                           | 79                           | 290                          | 290                          | 30                           | 35                           | 470                          | 470                          |
| TN ..... | 1,106                             | 1,103                        | 84                           | 77                           | 200                          | 185                          | 40                           | 35                           | 75                           | 65                           |
| TX ..... | 5,480                             | 5,483                        | 320                          | 317                          | 760                          | 740                          | 110                          | 110                          | 1,710                        | 1,630                        |
| UT ..... | 339                               | 351                          | 91                           | 89                           | 75                           | 65                           | 45                           | 40                           | 70                           | 70                           |
| VT ..... | 10                                | 9                            | 153                          | 146                          | 5                            | 4                            | 60                           | 67                           | 5                            | 3                            |
| VA ..... | 684                               | 695                          | 116                          | 105                          | 120                          | 100                          | 48                           | 38                           | 67                           | 57                           |
| WA ..... | 248                               | 270                          | 247                          | 240                          | 55                           | 50                           | 105                          | 95                           | 115                          | 120                          |
| WV ..... | 195                               | 186                          | 15                           | 14                           | 35                           | 40                           | 7                            | 4                            | 23                           | 21                           |
| WI ..... | 235                               | 245                          | 1,265                        | 1,245                        | 70                           | 75                           | 660                          | 670                          | 75                           | 75                           |
| WY ..... | 706                               | 756                          | 4                            | 4                            | 120                          | 160                          | 1                            | 3                            | 149                          | 147                          |
| US ..... | 32,983.3                          | 32,860.3                     | 9,141.7                      | 8,990.5                      | 5,623.5                      | 5,517.2                      | 4,113.9                      | 4,020.0                      | 9,890.5                      | 9,804.1                      |

See footnote at end of table.



**Table 7-4.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 2003 and 2004—Continued**

| State    | Steers, 500 pounds and over |                   | Bulls, 500 pounds and over |                   | Calves under 500 pounds |                   |
|----------|-----------------------------|-------------------|----------------------------|-------------------|-------------------------|-------------------|
|          | 2003                        | 2004 <sup>1</sup> | 2003                       | 2004 <sup>1</sup> | 2003                    | 2004 <sup>1</sup> |
|          | <i>Thousands</i>            | <i>Thousands</i>  | <i>Thousands</i>           | <i>Thousands</i>  | <i>Thousands</i>        | <i>Thousands</i>  |
| AL ..... | 75                          | 55                | 55                         | 50                | 365                     | 360               |
| AK ..... | 0.8                         | 0.8               | 1.3                        | 1.3               | 2.6                     | 2.4               |
| AZ ..... | 255                         | 255               | 21                         | 22                | 150                     | 153               |
| AR ..... | 130                         | 140               | 55                         | 55                | 420                     | 420               |
| CA ..... | 615                         | 640               | 65                         | 65                | 1,070                   | 1,050             |
| CO ..... | 870                         | 820               | 40                         | 35                | 150                     | 115               |
| CT ..... | 2.5                         | 2.0               | 1.0                        | 1.0               | 10.0                    | 11.0              |
| DE ..... | 0.8                         | 3.6               | 0.4                        | 0.4               | 3.2                     | 4.0               |
| FL ..... | 25                          | 20                | 60                         | 60                | 370                     | 370               |
| GA ..... | 50                          | 40                | 40                         | 39                | 335                     | 330               |
| HI ..... | 7                           | 7                 | 5                          | 5                 | 32                      | 36                |
| ID ..... | 360                         | 350               | 35                         | 35                | 250                     | 245               |
| IL ..... | 280                         | 270               | 25                         | 25                | 245                     | 230               |
| IN ..... | 128                         | 113               | 20                         | 19                | 185                     | 170               |
| IA ..... | 1,010                       | 940               | 70                         | 70                | 450                     | 450               |
| KS ..... | 1,970                       | 2,180             | 90                         | 95                | 740                     | 755               |
| KY ..... | 220                         | 190               | 80                         | 80                | 540                     | 500               |
| LA ..... | 24                          | 21                | 33                         | 33                | 170                     | 158               |
| ME ..... | 3.5                         | 3.5               | 1.5                        | 1.5               | 17.0                    | 17.0              |
| MD ..... | 23                          | 20                | 4                          | 4                 | 40                      | 42                |
| MA ..... | 2.5                         | 2.7               | 1.0                        | 0.8               | 9.5                     | 9.5               |
| MI ..... | 195                         | 215               | 18                         | 19                | 175                     | 200               |
| MN ..... | 460                         | 450               | 35                         | 35                | 500                     | 485               |
| MS ..... | 56                          | 50                | 39                         | 38                | 250                     | 230               |
| MO ..... | 485                         | 440               | 125                        | 120               | 960                     | 930               |
| MT ..... | 240                         | 200               | 100                        | 90                | 70                      | 50                |
| NE ..... | 2,000                       | 2,120             | 100                        | 90                | 410                     | 310               |
| NV ..... | 52                          | 51                | 16                         | 15                | 80                      | 85                |
| NH ..... | 1.5                         | 2.0               | 0.5                        | 0.5               | 7.0                     | 7.5               |
| NJ ..... | 4                           | 3                 | 1                          | 1                 | 8                       | 8                 |
| NM ..... | 210                         | 190               | 45                         | 45                | 245                     | 230               |
| NY ..... | 37                          | 37                | 18                         | 18                | 245                     | 255               |
| NC ..... | 43                          | 40                | 32                         | 30                | 230                     | 230               |
| ND ..... | 300                         | 260               | 56                         | 50                | 116                     | 85                |
| OH ..... | 180                         | 180               | 30                         | 30                | 240                     | 240               |
| OK ..... | 1,230                       | 1,080             | 135                        | 130               | 995                     | 920               |
| OR ..... | 150                         | 180               | 40                         | 40                | 175                     | 180               |
| PA ..... | 170                         | 165               | 25                         | 25                | 320                     | 360               |
| RI ..... | 0.5                         | 0.5               | 0.2                        | 0.1               | 0.8                     | 0.8               |
| SC ..... | 15                          | 15                | 17                         | 17                | 112                     | 107               |
| SD ..... | 730                         | 670               | 90                         | 90                | 310                     | 305               |
| TN ..... | 140                         | 110               | 75                         | 75                | 550                     | 560               |
| TX ..... | 2,750                       | 2,750             | 370                        | 370               | 2,500                   | 2,500             |
| UT ..... | 125                         | 110               | 22                         | 22                | 113                     | 113               |
| VT ..... | 3.0                         | 3.0               | 3.0                        | 3.0               | 46                      | 50                |
| VA ..... | 190                         | 130               | 40                         | 40                | 365                     | 375               |
| WA ..... | 177                         | 185               | 23                         | 25                | 130                     | 135               |
| WV ..... | 43                          | 35                | 14                         | 15                | 73                      | 65                |
| WI ..... | 345                         | 350               | 30                         | 30                | 670                     | 660               |
| WY ..... | 170                         | 185               | 45                         | 45                | 95                      | 100               |
| US ..... | 16,554.1                    | 16,280.1          | 2,247.9                    | 2,205.6           | 15,545.1                | 15,204.2          |

<sup>1</sup> Preliminary.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-5.—Cattle and buffalo: Number in specified countries, 1999–2002<sup>1</sup>**

| Country                      | 1999             | 2000             | 2001             | 2002 <sup>2</sup> |
|------------------------------|------------------|------------------|------------------|-------------------|
|                              | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i>  |
| India .....                  | 306,967          | 312,572          | 313,774          | 317,000           |
| Brazil .....                 | 143,893          | 146,272          | 150,382          | 156,314           |
| China, Peoples Republic .... | 124,354          | 126,983          | 128,663          | 128,242           |
| United States .....          | 99,115           | 98,198           | 97,277           | 96,704            |
| European Union .....         | 81,636           | 82,235           | 81,337           | 80,184            |
| Argentina .....              | 49,437           | 49,832           | 50,167           | 50,369            |
| Australia .....              | 26,688           | 27,588           | 27,720           | 27,870            |
| Russian Federation .....     | 28,600           | 27,000           | 25,500           | 24,510            |
| Colombia .....               | 20,621           | 21,700           | 22,676           | 23,757            |
| Mexico .....                 | 24,859           | 23,715           | 22,551           | 21,296            |
| Canada .....                 | 13,211           | 13,201           | 13,608           | 13,762            |
| South Africa, Republic ..... | 13,465           | 13,195           | 13,460           | 13,505            |
| Venezuela .....              | 12,900           | 13,100           | 13,400           | 13,500            |
| Turkey .....                 | 11,600           | 11,500           | 11,350           | 11,200            |
| Uruguay .....                | 10,402           | 10,557           | 10,423           | 11,667            |
| Ukraine .....                | 11,722           | 10,627           | 9,424            | 9,433             |
| New Zealand .....            | 8,870            | 8,960            | 9,020            | 9,280             |
| Egypt .....                  | 6,120            | 6,275            | 6,300            | 6,390             |
| Poland .....                 | 6,455            | 6,093            | 5,722            | 5,499             |
| Philippines .....            | 5,442            | 5,502            | 5,472            | 5,512             |
| Japan .....                  | 4,656            | 4,588            | 4,530            | 4,564             |
| Romania .....                | 3,086            | 2,932            | 2,870            | 2,895             |
| Nicaragua .....              | 2,283            | 2,250            | 2,280            | NA                |
| Korea, Republic of .....     | 2,922            | 2,487            | 2,134            | 1,954             |
| Dominican Republic .....     | 1,960            | 1,923            | 1,918            | 1,918             |
| Others .....                 | 17,963           | 15,720           | 7,954            | 9,870             |
| <b>Total .....</b>           | <b>1,039,227</b> | <b>1,045,005</b> | <b>1,039,912</b> | <b>1,047,195</b>  |

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible. <sup>2</sup> Preliminary.

FAS, Dairy Livestock and Poultry Division, (202) 720–8031. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 7-6.—Cows and calf crop: Cows and heifers that have calved, Jan. 1, 2003–2004, and calves born, by States, 2002 and 2003**

| State    | Cows and heifers that have calved |                   | Calves born      |                   |
|----------|-----------------------------------|-------------------|------------------|-------------------|
|          | Jan. 1                            |                   | 2002             | 2003 <sup>1</sup> |
|          | 2003                              | 2004 <sup>1</sup> |                  |                   |
|          | <i>Thousands</i>                  | <i>Thousands</i>  | <i>Thousands</i> | <i>Thousands</i>  |
| AL ..... | 780                               | 750               | 690              | 680               |
| AK ..... | 6.0                               | 6.3               | 4.1              | 3.7               |
| AZ ..... | 325                               | 330               | 270              | 270               |
| AR ..... | 980                               | 1,010             | 850              | 860               |
| CA ..... | 2,410                             | 2,420             | 2,040            | 2,050             |
| CO ..... | 800                               | 710               | 820              | 730               |
| CT ..... | 29                                | 27                | 24               | 22                |
| DE ..... | 13                                | 12                | 10.0             | 9.5               |
| FL ..... | 1,100                             | 1,090             | 930              | 920               |
| GA ..... | 710                               | 700               | 600              | 580               |
| HI ..... | 86                                | 88                | 63               | 66                |
| ID ..... | 880                               | 900               | 860              | 880               |
| IL ..... | 540                               | 540               | 490              | 480               |
| IN ..... | 375                               | 370               | 340              | 330               |
| IA ..... | 1,200                             | 1,180             | 1,110            | 1,120             |
| KS ..... | 1,630                             | 1,660             | 1,510            | 1,550             |
| KY ..... | 1,240                             | 1,240             | 1,110            | 1,110             |
| LA ..... | 520                               | 530               | 415              | 415               |
| ME ..... | 46                                | 45                | 42               | 40                |
| MD ..... | 121                               | 119               | 102              | 100               |
| MA ..... | 25                                | 24                | 19               | 18                |
| MI ..... | 390                               | 385               | 340              | 350               |
| MN ..... | 880                               | 860               | 880              | 850               |
| MS ..... | 590                               | 570               | 500              | 480               |
| MO ..... | 2,250                             | 2,250             | 2,090            | 2,080             |
| MT ..... | 1,450                             | 1,490             | 1,520            | 1,540             |
| NE ..... | 2,000                             | 1,910             | 1,820            | 1,770             |
| NV ..... | 270                               | 270               | 220              | 235               |
| NH ..... | 21.0                              | 19.5              | 19               | 18                |
| NJ ..... | 22                                | 22                | 18               | 18                |
| NM ..... | 780                               | 780               | 600              | 590               |
| NY ..... | 760                               | 740               | 640              | 620               |
| NC ..... | 475                               | 460               | 440              | 420               |
| ND ..... | 1,010                             | 970               | 1,000            | 960               |
| OH ..... | 520                               | 520               | 470              | 470               |
| OK ..... | 2,130                             | 2,050             | 1,930            | 1,890             |
| OR ..... | 710                               | 720               | 660              | 690               |
| PA ..... | 740                               | 720               | 660              | 650               |
| RI ..... | 3.0                               | 3.0               | 2.6              | 2.6               |
| SC ..... | 230                               | 235               | 185              | 190               |
| SD ..... | 1,780                             | 1,790             | 1,840            | 1,730             |
| TN ..... | 1,190                             | 1,180             | 1,060            | 1,060             |
| TX ..... | 5,800                             | 5,800             | 5,000            | 5,100             |
| UT ..... | 430                               | 440               | 390              | 390               |
| VT ..... | 163                               | 155               | 140              | 135               |
| VA ..... | 800                               | 800               | 730              | 710               |
| WA ..... | 495                               | 510               | 450              | 455               |
| WV ..... | 210                               | 200               | 190              | 185               |
| WI ..... | 1,500                             | 1,490             | 1,350            | 1,350             |
| WY ..... | 710                               | 760               | 780              | 730               |
| US ..... | 42,125.0                          | 41,850.8          | 38,223.7         | 37,902.8          |

<sup>1</sup> Preliminary.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-7.—Cattle and calves: All cattle on feed, United States, Jan. 1, 1995–2004<sup>1</sup>**

| Year                    | Number           |
|-------------------------|------------------|
|                         | <i>Thousands</i> |
| 1995 .....              | 12,420           |
| 1996 .....              | 12,958           |
| 1997 .....              | 13,181           |
| 1998 .....              | 13,608           |
| 1999 .....              | 13,218.5         |
| 2000 .....              | 14,003           |
| 2001 .....              | 14,201.4         |
| 2002 .....              | 13,860.3         |
| 2003 .....              | 13,219.8         |
| 2004 <sup>2</sup> ..... | 13,810.9         |

<sup>1</sup> Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade select or better. <sup>2</sup> Preliminary.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-8.—Cattle and calves: Number on feed, 1,000+ capacity feedlots, by States, Jan. 1, 2003–2004<sup>1</sup>**

| State              | 2003              | 2004 <sup>2</sup> |
|--------------------|-------------------|-------------------|
|                    | <i>1,000 Head</i> | <i>1,000 Head</i> |
| AZ .....           | 289               | 293               |
| CA .....           | 495               | 510               |
| CO .....           | 1,020             | 1,040             |
| ID .....           | 300               | 300               |
| IA .....           | 395               | 370               |
| KS .....           | 2,200             | 2,430             |
| NE .....           | 2,140             | 2,280             |
| NM .....           | 119               | 115               |
| OK .....           | 335               | 355               |
| SD .....           | 215               | 200               |
| TX .....           | 2,630             | 2,830             |
| WA .....           | 185               | 200               |
| Other States ..... | 335               | 330               |
| US .....           | 10,658            | 11,253            |

<sup>1</sup> Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade Select or better. <sup>2</sup> Preliminary.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 7-9.—Cattle: Average price per 100 pounds, by grades, at Nebraska Direct, Sioux Falls, SD and South St. Paul, MN, 1994–2003**

| Year              | Steers <sup>1</sup> |                | Heifers <sup>2</sup> |                | Sioux Falls, SD   |                     | South St. Paul, MN |  |
|-------------------|---------------------|----------------|----------------------|----------------|-------------------|---------------------|--------------------|--|
|                   | Choice              | Select         | Choice               | Select         | Cows <sup>3</sup> |                     | Commer-<br>cial    | Cows <sup>3</sup><br>Boning<br>Utility |
|                   |                     |                |                      |                | Commer-<br>cial   | Breaking<br>utility |                    |  |
|                   | <i>Dollars</i>      | <i>Dollars</i> | <i>Dollars</i>       | <i>Dollars</i> | <i>Dollars</i>    | <i>Dollars</i>      | <i>Dollars</i>     | <i>Dollars</i>                         |
| 1994 .....        | 67.60               | 66.33          | 67.93                | 66.14          | 48.22             | 43.68               | .....              | 45.95                                  |
| 1995 .....        | 65.64               | 63.94          | 65.46                | 63.69          | 39.08             | 38.04               | 40.24              | 39.23                                  |
| 1996 .....        | 74.50               | 61.83          | 64.18                | 61.22          | 35.24             | 33.64               | 37.69              | 35.22                                  |
| 1997 .....        | 65.92               | 63.85          | 65.66                | 63.36          | 36.91             | 35.64               | 42.7               | 38.62                                  |
| 1998 .....        | 60.07               | 56.17          | 59.23                | 55.17          | 43.22             | 39.23               | 40.15              | 37.02                                  |
| 1999 65-80% ..... | 65.64               | .....          | 65.68                | .....          | 45.04             | 40.29               | 43.52              | 38.55                                  |
| 2000 65-80% ..... | 69.52               | .....          | 69.55                | .....          | 49.25             | 44.51               | 49.26              | 41.77                                  |
| 2001 65-80% ..... | 67.68               | .....          | 67.81                | .....          | 52.35             | 46.67               | 50.35              | 47.91                                  |
| 2002 65-80% ..... | 66.39               | .....          | 67.39                | .....          | 44.99             | 40.97               | 45.16              | 42.50                                  |
| 2003 65-80% ..... | 82.37               | .....          | 82.06                | .....          | 53.49             | 49.50               | 58.50              | 51.75                                  |

<sup>1</sup> 1,100 to 1,500 pound weight range; weighted average of price range. <sup>2</sup> 1,000 to 1,300 pound weight range; simple average of price range. <sup>3</sup> All weights; simple average of price range.  
 AMS, Livestock and Grain Market News, (202) 720-7316.

**Table 7-10.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1993–2002**

| Year                    | Calf crop <sup>1</sup> | Death loss        |                   | Marketings <sup>2</sup> |                   | Cattle shipped in for feeding and breeding <sup>3</sup> | Farm slaughter<br>Cattle and calves |
|-------------------------|------------------------|-------------------|-------------------|-------------------------|-------------------|---|-------------------------------------|
|                         |                        | Cattle            | Calves            | Cattle                  | Calves            |   |                                     |
|                         | <i>1,000 head</i>      | <i>1,000 head</i> | <i>1,000 head</i> | <i>1,000 head</i>       | <i>1,000 head</i> | <i>1,000 head</i>                                       | <i>1,000 head</i>                   |
| 1993 .....              | 39,369                 | 1,702             | 2,921             | 46,238                  | 9,627             | 23,149  | 233                                 |
| 1994 .....              | 40,105                 | 1,589             | 2,681             | 46,499                  | 9,571             | 22,277  | 229                                 |
| 1995 .....              | 40,264                 | 1,645             | 2,739             | 48,741                  | 9,656             | 23,507  | 227                                 |
| 1996 .....              | 39,823                 | 1,761             | 2,811             | 48,722                  | 10,295            | 22,098  | 225                                 |
| 1997 .....              | 38,961                 | 1,847             | 2,829             | 49,647                  | 10,154            | 23,828  | 223                                 |
| 1998 .....              | 38,812                 | 1,668             | 2,542             | 47,227                  | 9,729             | 21,939  | 214                                 |
| 1999 .....              | 38,796                 | 1,659             | 2,455             | 48,373                  | 9,855             | 22,842  | 213                                 |
| 2000 .....              | 38,631                 | 1,711             | 2,386             | 48,702                  | 10,002            | 23,452  | 203                                 |
| 2001 .....              | 38,280                 | 1,722             | 2,487             | 46,659                  | 9,603             | 21,813  | 194                                 |
| 2002 <sup>4</sup> ..... | 38,193                 | 1,710             | 2,366             | 46,287                  | 9,747             | 21,512  | 194                                 |

| Year                    | Quantity produced (live weight) <sup>5</sup> | Value of production  | Cash receipts from sales of cattle, calves, beef and veal <sup>6</sup> | Value of cattle and calves slaughtered for home consumption | Gross income <sup>7</sup> | Average price per 100 pounds received by farmers |                |
|-------------------------|--|----------------------|--|---|---------------------------|--|----------------|
|                         |  |                      |  |   |                           | Cattle   | Calves         |
|                         | <i>1,000 pounds</i>                          | <i>1,000 dollars</i> | <i>1,000 dollars</i>   | <i>1,000 dollars</i>  | <i>1,000 dollars</i>      | <i>Dollars</i>                                   | <i>Dollars</i> |
| 1993 .....              | 41,139,670                                   | 28,848,468           | 39,486,980   | 389,997   | 39,876,977                | 72.60  | 91.20          |
| 1994 .....              | 41,572,867                                   | 26,533,580           | 36,253,055   | 350,864   | 36,603,919                | 66.70  | 87.20          |
| 1995 .....              | 42,533,734                                   | 24,699,740           | 34,044,038   | 304,751   | 34,348,789                | 61.80  | 73.10          |
| 1996 .....              | 40,883,614                                   | 22,034,934           | 30,976,861   | 274,011   | 31,250,872                | 58.70  | 58.40          |
| 1997 .....              | 41,110,640                                   | 24,941,882           | 35,999,620   | 322,053   | 36,321,673                | 63.10  | 78.90          |
| 1998 .....              | 41,620,414                                   | 24,153,116           | 33,415,404   | 304,406   | 33,719,810                | 59.60  | 78.80          |
| 1999 .....              | 42,468,398                                   | 26,051,477           | 36,529,972   | 330,862   | 36,860,834                | 63.40  | 87.70          |
| 2000 .....              | 42,841,607                                   | 28,391,942           | 40,711,031   | 366,744   | 41,077,775                | 68.60  | 104.00         |
| 2001 .....              | 42,395,675                                   | 29,293,241           | 40,442,114   | 362,822   | 40,804,936                | 71.30  | 106.00         |
| 2002 <sup>4</sup> ..... | 42,249,776                                   | 26,914,667           | 37,968,461   | 333,725   | 38,302,186                | 66.50  | 96.40          |

<sup>1</sup> Calves born during the year. <sup>2</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. <sup>3</sup> Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter. <sup>4</sup> Preliminary. <sup>5</sup> Adjustments made for changes in inventory and for shipments. <sup>6</sup> Receipts from marketings and sale of farm slaughter. <sup>7</sup> Cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-11.—Cattle: Weighted average weight and price per 100 pounds, Texas-Oklahoma, Kansas, Colorado, Nebraska, Iowa-So. Minnesota Feedlots, 1996–2003 <sup>1</sup>**

| Year       | Steers SE/CH 65-80% |                |                | Steers SE/CH 35-65% |                |                |
|------------|---------------------|----------------|----------------|---------------------|----------------|----------------|
|            | Price               | Average Weight | Number of Head | Price               | Average Weight | Number of Head |
|            | <i>Dollars</i>      | <i>Pounds</i>  |                | <i>Dollars</i>      | <i>Pounds</i>  |                |
| 1996 ..... | 64.76               | 1,249          | 473,484        | 64.82               | 1,200          | 3,711,625      |
| 1997 ..... | 66.07               | 1,258          | 468,729        | 66.03               | 1,192          | 3,621,244      |
| 1998 ..... | 61.05               | 1,282          | 408,859        | 61.79               | 1,211          | 3,135,109      |
| 1999 ..... | 65.66               | 1,287          | 586,293        | 65.63               | 1,249          | 3,057,112      |
| 2000 ..... | 69.82               | 1,294          | 584,809        | 70.15               | 1,253          | 2,631,692      |
| 2001 ..... | NA                  | NA             | NA             | NA                  | NA             | NA             |
| 2002 ..... | 66.74               | 1,327          | 270,924        | 67.40               | 1,263          | 1,965,036      |
| 2003 ..... | 82.81               | 1,294          | 372,429        | 82.79               | 1,245          | 2,391,746      |

| Year       | Heifers SE/CH 65-80% |                |                | Heifers SE/CH 35-65% |                |                |
|------------|----------------------|----------------|----------------|----------------------|----------------|----------------|
|            | Price                | Average Weight | Number of Head | Price                | Average Weight | Number of Head |
|            | <i>Dollars</i>       | <i>Pounds</i>  |                | <i>Dollars</i>       | <i>Pounds</i>  |                |
| 1996 ..... | 64.85                | 1,135          | 407,843        | .....                | .....          | .....          |
| 1997 ..... | 66.49                | 1,132          | 405,819        | 65.92                | 1,084          | 2,674,322      |
| 1998 ..... | 61.31                | 1,175          | 278,275        | 61.83                | 1,102          | 2,369,994      |
| 1999 ..... | 65.75                | 1,182          | 493,893        | 65.81                | 1,135          | 2,410,684      |
| 2000 ..... | 69.88                | 1,190          | 492,881        | 70.21                | 1,131          | 2,353,612      |
| 2001 ..... | 68.22                | 1,208          | 377,415        | 69.01                | 1,134          | 2,065,438      |
| 2002 ..... | 67.53                | 1,229          | 324,078        | 67.42                | 1,142          | 1,692,785      |
| 2003 ..... | 82.70                | 1,192          | 358,900        | 83.59                | 1,126          | 2,077,258      |

<sup>1</sup> Sales FOB feedlots and delivered. Estimated net weights after 3-4 % shrink. NA-not available. AMS, Livestock and Grain Market News, (202) 720-7316.

**Table 7-12.—Cattle and calves: Receipts at selected public stockyards, 1994–2003<sup>1</sup>**

| Year       | Oklahoma City    | Greeley          | Amarillo         | South St. Joseph | South St. Paul   | All others reporting | Total markets reporting <sup>2,3</sup> |
|------------|------------------|------------------|------------------|------------------|------------------|----------------------|--|
| Cattle     |                  |                  |                  |                  |                  |                      |  |
|            | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i>     | <i>Thousands</i>                       |
| 1994 ..... | 575              | .....            | .....            | 127              | 188              | 4,169                | 4,573                                  |
| 1995 ..... | 563              | .....            | .....            | 121              | 179              | 4,068                | 4,860                                  |
| 1996 ..... | 554              | .....            | .....            | 118              | 173              | 4,236                | 4,949                                  |
| 1997 ..... | 526              | 71               | 136              | 121              | 180              | 4,214                | 4,953                                  |
| 1998 ..... | 546              | 41               | 117              | 102              | 155              | 3,058                | 3,761                                  |
| 1999 ..... | 516              | 48               | 105              | 110              | 157              | 4,598                | 5,018                                  |
| 2000 ..... | 497              | 53               | 95               | 101              | 145              | 4,454                | 4,847                                  |
| 2001 ..... | 512              | 49               | 89               | 113              | 135              | 2,698                | 3,593                                  |
| 2002 ..... | 516              | 43               | 144              | 30               | 143              | 2,293                | 3,169                                  |
| 2003 ..... | 574              | 37               | 130              | 110              | 147              | 2,530                | 3,528                                  |
| Calves     |                  |                  |                  |                  |                  |                      |  |
|            | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i>     | <i>Thousands</i>                       |
| 1994 ..... | .....            | .....            | .....            | .....            | 36               | 12                   | 48                                     |
| 1995 ..... | .....            | .....            | .....            | .....            | 4                | 89                   | 92                                     |
| 1996 ..... | .....            | .....            | .....            | .....            | 4                | 90                   | 93                                     |
| 1997 ..... | .....            | .....            | .....            | .....            | 3                | 92                   | 96                                     |
| 1998 ..... | .....            | .....            | .....            | .....            | 3                | 89                   | 92                                     |
| 1999 ..... | .....            | .....            | .....            | .....            | 2                | 92                   | 94                                     |
| 2000 ..... | .....            | .....            | .....            | .....            | 1                | 89                   | 90                                     |
| 2001 ..... | .....            | .....            | .....            | .....            | 1                | 86                   | 87                                     |
| 2002 ..... | .....            | 3                | .....            | .....            | 1                | 106                  | 113                                    |
| 2003 ..... | .....            | 7                | .....            | .....            | 1                | 486                  | 494                                    |

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. Saleable receipts 1978 on. <sup>2</sup> Rounded totals of the complete figures. <sup>3</sup> The number of stockyards varies from 23 to 46.

AMS, Livestock & Grain Market News, (202) 720-7316. Compiled from reports received from stockyard companies.

**Table 7-13.—Cattle and calves: Number slaughtered, United States, 1994–2003**

| Year       | Cattle slaughter     |                  |                    |                  |                  | Calf slaughter       |                  |                    |                  |                  |
|------------|----------------------|------------------|--------------------|------------------|------------------|----------------------|------------------|--------------------|------------------|------------------|
|            | Commercial           |                  |                    | Farm             | Total            | Commercial           |                  |                    | Farm             | Total            |
|            | Federally in-spected | Other            | Total <sup>1</sup> |                  |                  | Federally in-spected | Other            | Total <sup>1</sup> |                  |                  |
|            | <i>Thousands</i>     | <i>Thousands</i> | <i>Thousands</i>   | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i>     | <i>Thousands</i> | <i>Thousands</i>   | <i>Thousands</i> | <i>Thousands</i> |
| 1994 ..... | 33,483               | 714              | 34,196             | 180              | 34,376           | 1,237                | 31               | 1,268              | 47               | 1,315            |
| 1995 ..... | 34,879               | 760              | 35,639             | 178              | 35,817           | 1,393                | 38               | 1,430              | 47               | 1,477            |
| 1996 ..... | 35,721               | 862              | 36,583             | 177              | 36,760           | 1,714                | 55               | 1,768              | 47               | 1,815            |
| 1997 ..... | 35,567               | 751              | 36,318             | 174              | 36,492           | 1,534                | 41               | 1,575              | 44               | 1,619            |
| 1998 ..... | 34,787               | 678              | 35,465             | 172              | 35,637           | 1,422                | 36               | 1,458              | 43               | 1,501            |
| 1999 ..... | 35,486               | 664              | 36,150             | 170              | 36,320           | 1,251                | 31               | 1,282              | 40               | 1,322            |
| 2000 ..... | 35,631               | 615              | 36,246             | 170              | 36,416           | 1,089                | 43               | 1,132              | 40               | 1,172            |
| 2001 ..... | 34,771               | 599              | 35,370             | 160              | 35,530           | 981                  | 26               | 1,007              | 40               | 1,047            |
| 2002 ..... | 35,120               | 614              | 35,735             | 153              | 35,888           | 1,019                | 26               | 1,045              | 37               | 1,082            |
| 2003 ..... | 34,907               | 587              | 35,493             | 154              | 35,647           | 976                  | 25               | 1,001              | 38               | 1,039            |

<sup>1</sup> Totals are based on unrounded numbers.

NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-14.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 2003<sup>1</sup>**

| State              | Cattle             |                     |                     | Calves             |                     |                     |
|--------------------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|
|                    | Number slaughtered | Total live weight   | Average live weight | Number slaughtered | Total live weight   | Average live weight |
|                    | <i>Thousands</i>   | <i>1,000 pounds</i> | <i>Pounds</i>       | <i>Thousands</i>   | <i>1,000 pounds</i> | <i>Pounds</i>       |
| AL                 |                    |                     |                     |                    |                     |                     |
| AK                 | 0.7                | 747                 | 1,110               |                    |                     |                     |
| AZ                 | 547.1              | 731,879             | 1,338               |                    |                     |                     |
| AR                 | 15.0               | 12,935              | 861                 |                    |                     |                     |
| CA                 | 1,380.1            | 1,758,897           | 1,274               | 132.3              | 23,092              | 175                 |
| CO                 | 2,480.4            | 3,063,228           | 1,235               |                    |                     |                     |
| DE-MD              | 36.3               | 45,897              | 1,265               | 1.1                | 332                 | 306                 |
| FL                 | 97.1               | 106,234             | 1,094               |                    |                     |                     |
| GA                 | 361.0              | 435,420             | 1,206               |                    |                     |                     |
| HI                 | 10.8               | 11,250              | 1,046               |                    |                     |                     |
| ID                 | 756.9              | 948,828             | 1,254               |                    |                     |                     |
| IL                 | 1,000.3            | 1,222,907           | 1,223               | 99.1               | 43,233              | 436                 |
| IN                 | 40.4               | 42,661              | 1,056               | 9.2                | 1,162               | 126                 |
| IA                 | 810.2              | 1,001,550           | 1,236               |                    |                     |                     |
| KS                 | 7,356.7            | 8,926,345           | 1,213               |                    |                     |                     |
| KY                 | 18.8               | 16,761              | 892                 |                    |                     |                     |
| LA                 | 14.9               | 13,059              | 877                 | 10.4               | 5,090               | 492                 |
| MI                 | 461.3              | 617,340             | 1,338               | 23.4               | 10,143              | 434                 |
| MN                 | 798.3              | 1,082,097           | 1,356               |                    |                     |                     |
| MS                 |                    |                     |                     |                    |                     |                     |
| MO                 | 92.9               | 119,625             | 1,288               |                    |                     |                     |
| MT                 | 19.0               | 22,070              | 1,159               |                    |                     |                     |
| NE                 | 7,660.5            | 9,648,235           | 1,259               |                    |                     |                     |
| NV                 | 1.1                | 1,151               | 1,031               |                    |                     |                     |
| N ENG <sup>2</sup> | 20.9               | 22,371              | 1,069               | 27.5               | 3,363               | 122                 |
| NJ                 | 28.0               | 32,192              | 1,149               | 100.3              | 42,225              | 421                 |
| NM                 | 25.1               | 23,107              | 919                 |                    |                     |                     |
| NY                 | 53.5               | 58,370              | 1,091               | 143.1              | 14,960              | 105                 |
| NC                 | 218.7              | 233,886             | 1,070               | 1.4                | 640                 | 450                 |
| ND                 |                    |                     |                     |                    |                     |                     |
| OH                 | 131.7              | 151,063             | 1,147               | 62.2               | 25,363              | 408                 |
| OK                 | 34.2               | 34,123              | 999                 | 1.2                | 520                 | 440                 |
| OR                 | 15.7               | 17,629              | 1,123               |                    |                     |                     |
| PA                 | 1,052.0            | 1,336,146           | 1,270               | 189.5              | 64,372              | 340                 |
| SC                 |                    |                     |                     |                    |                     |                     |
| SD                 |                    |                     |                     |                    |                     |                     |
| TN                 | 15.8               | 14,174              | 897                 | 1.3                | 653                 | 493                 |
| TX                 | 6,494.5            | 7,671,294           | 1,181               | 23.1               | 12,424              | 537                 |
| UT                 | 603.3              | 722,615             | 1,198               |                    |                     |                     |
| VA                 | 11.8               | 11,251              | 957                 |                    |                     |                     |
| WA                 | 797.3              | 977,710             | 1,226               |                    |                     |                     |
| WV                 | 10.4               | 9,761               | 939                 |                    |                     |                     |
| WI                 | 1,668.8            | 2,148,915           | 1,288               | 140.6              | 62,198              | 442                 |
| WY                 | 7.8                | 9,362               | 1,194               |                    |                     |                     |
| US <sup>3</sup>    | 35,493.4           | 43,704,742          | 1,231               | 1,000.8            | 317,892             | 318                 |

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Totals may not add due to rounding. <sup>2</sup> CT, ME, MA, NH, RI, and VT. <sup>3</sup> States with no data printed are still included in the U.S. total. Data are not printed to avoid disclosing individual operations.

NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-15.—Cattle and calves: Number slaughtered under Federal inspection, and average live weight, 1994-2003**

| Year | Cattle             |                     | Calves             |                     |
|------|--------------------|---------------------|--------------------|---------------------|
|      | Number slaughtered | Average live weight | Number slaughtered | Average live weight |
|      | <i>Thousands</i>   | <i>Pounds</i>       | <i>Thousands</i>   | <i>Pounds</i>       |
| 1994 | 33,483             | 1,193               | 1,237              | 383                 |
| 1995 | 34,879             | 1,187               | 1,393              | 371                 |
| 1996 | 35,721             | 1,173               | 1,714              | 340                 |
| 1997 | 35,567             | 1,177               | 1,534              | 335                 |
| 1998 | 34,787             | 1,207               | 1,422              | 282                 |
| 1999 | 35,486             | 1,212               | 1,251              | 288                 |
| 2000 | 35,631             | 1,222               | 1,089              | 311                 |
| 2001 | 34,771             | 1,224               | 981                | 318                 |
| 2002 | 35,120             | 1,253               | 1,019              | 310                 |
| 2003 | 34,907             | 1,234               | 976                | 316                 |

NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-16.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 2002 (preliminary)**

| State    | Marketings <sup>1</sup> |            | Cattle shipped in for feeding and breeding | Farm slaughter of cattle and calves <sup>2</sup> | Quantity produced (live weight) <sup>3</sup> | Value of production | Cash receipts from sales of cattle, calves, beef, and veal <sup>4</sup> | Value of cattle and calves slaughtered for home consumption | Gross income <sup>5</sup> |
|----------|-------------------------|------------|--|--|--|---------------------|---|---|---------------------------|
|          | Cattle                  | Calves     |  |  |  |                     |   |   |                           |
|          | 1,000 head              | 1,000 head | 1,000 head                                 | 1,000 head                                       | 1,000 pounds                                 | 1,000 dollars       | 1,000 dollars   | 1,000 dollars   | 1,000 dollars             |
| AI ..... | 423.0                   | 154.0      | 16.0                                       | 2.0  | 496,347                                      | 331,063             | 304,698   | 4,097   | 308,795                   |
| AK ..... | 2.4                     | 0.2        | 0.2  | 0.3  | 2,682  | 2,116               | 2,072   | 196   | 2,268                     |
| AZ ..... | 644.0                   | 133.0      | 536.0                                      | 1.0  | 613,642                                      | 377,316             | 626,016   | 2,165   | 628,181                   |
| AR ..... | 700.0                   | 201.0      | 160.0                                      | 4.0  | 570,201                                      | 371,518             | 409,274   | 5,663   | 414,937                   |
| CA ..... | 1,934.0                 | 502.0      | 700.0                                      | 14.0   | 1,880,884                                    | 871,445             | 1,228,722   | 8,947   | 1,237,669                 |
| CO ..... | 2,958.0                 | 115.0      | 1,965.0                                    | 2.0  | 2,015,416                                    | 1,454,121           | 2,805,021   | 8,604   | 2,813,625                 |
| CT ..... | 15.9                    | 12.0       | 2.0  | 1.0  | 13,689                                       | 7,608               | 10,241  | 1,129   | 11,370                    |
| DE ..... | 7.8                     | 3.4        | 2.0  | 0.3  | 6,809  | 4,485               | 6,065   | 394   | 6,459                     |
| FL ..... | 281.0                   | 677.0      | 60.0                                       | 2.0  | 475,594                                      | 316,550             | 333,413   | 1,222   | 334,635                   |
| GA ..... | 305.0                   | 250.0      | 67.0                                       | 3.0  | 465,041                                      | 263,097             | 264,214   | 3,139   | 267,353                   |
| HI ..... | 21.0                    | 38.0       | .....                                      | 1.0  | 38,300                                       | 19,939              | 18,719  | 787   | 19,506                    |
| ID ..... | 1,301.0                 | 174.0      | 730.0                                      | 2.0  | 1,143,040                                    | 704,728             | 976,261   | 5,950   | 982,211                   |
| IL ..... | 573.0                   | 99.0       | 175.0                                      | 7.0  | 594,353                                      | 407,256             | 505,762   | 12,627  | 518,389                   |
| IN ..... | 293.0                   | 127.0      | 100.0                                      | 4.0  | 273,225                                      | 161,621             | 203,538   | 8,639   | 212,177                   |
| IA ..... | 2,074.0                 | 102.0      | 1,270.0                                    | 4.0  | 1,817,976                                    | 1,046,314           | 1,764,565   | 5,840   | 1,770,405                 |
| KS ..... | 5,709.0                 | 1.5        | 4,150.0                                    | 4.5  | 4,066,799                                    | 2,364,418           | 4,809,880   | 9,093   | 4,818,973                 |
| KY ..... | 505.0                   | 421.0      | 72.0                                       | 6.0  | 634,099                                      | 442,720             | 406,414   | 8,638   | 415,052                   |
| LA ..... | 136.0                   | 230.0      | 2.0  | 2.0  | 236,853                                      | 160,466             | 157,153   | 861   | 158,014                   |
| ME ..... | 24.0                    | 20.0       | 4.0  | 1.0  | 25,370                                       | 15,013              | 17,544  | 1,242   | 18,786                    |
| MD ..... | 69.0                    | 29.0       | 5.0  | 2.0  | 93,950                                       | 63,372              | 67,522  | 2,042   | 69,564                    |
| MA ..... | 10.0                    | 11.0       | 3.0  | 1.0  | 9,496  | 5,060               | 6,468   | 1,026   | 7,494                     |
| MI ..... | 264.0                   | 40.1       | 41.1                                       | 4.0  | 363,562                                      | 191,624             | 204,628   | 6,894   | 211,522                   |
| MN ..... | 1,017.0                 | 137.0      | 350.0                                      | 6.0  | 1,162,595                                    | 690,713             | 866,196   | 14,225  | 880,421                   |
| MS ..... | 269.0                   | 212.0      | 11.0                                       | 2.0  | 275,998                                      | 180,742             | 193,110   | 5,483   | 198,593                   |
| MO ..... | 827.0                   | 939.0      | 36.0                                       | 5.0  | 1,186,349                                    | 907,230             | 821,394   | 27,517  | 848,911                   |
| MT ..... | 1,330.0                 | 315.0      | 203.0                                      | 5.0  | 1,034,965                                    | 753,555             | 846,166   | 8,143   | 854,309                   |
| NE ..... | 5,618.0                 | 85.0       | 3,840.0                                    | 2.0  | 4,493,138                                    | 2,630,045           | 4,958,569   | 8,471   | 4,967,040                 |
| NV ..... | 170.0                   | 76.0       | 57.0                                       | 2.0  | 171,090                                      | 123,866             | 142,471   | 2,097   | 144,568                   |
| NH ..... | 8.4                     | 10.0       | 1.0  | 0.8  | 10,436                                       | 6,317               | 6,649   | 862   | 7,511                     |
| NJ ..... | 6.0                     | 8.0        | 0.5  | 0.5  | 12,674                                       | 7,069               | 5,953   | 600   | 6,553                     |
| NM ..... | 837.0                   | 357.0      | 672.0                                      | 3.0  | 539,280                                      | 336,972             | 593,338   | 4,063   | 597,401                   |
| NY ..... | 117.5                   | 411.5      | 35.0                                       | 2.0  | 212,661                                      | 108,630             | 107,509   | 2,243   | 109,752                   |
| NC ..... | 265.0                   | 184.0      | 17.0                                       | 2.0  | 318,858                                      | 202,978             | 216,005   | 9,414   | 225,419                   |
| ND ..... | 566.0                   | 565.0      | 112.0                                      | 3.0  | 544,621                                      | 429,574             | 541,738   | 5,409   | 547,147                   |
| OH ..... | 393.0                   | 82.0       | 31.0                                       | 6.0  | 432,339                                      | 271,097             | 291,800   | 19,234  | 311,034                   |
| OK ..... | 2,360.0                 | 360.0      | 1,250.0                                    | 10.0   | 1,983,704                                    | 1,485,468           | 1,872,443   | 16,936  | 1,889,379                 |
| OR ..... | 440.0                   | 207.0      | 25.0                                       | 12.0   | 579,750                                      | 384,231             | 411,727   | 10,304  | 422,031                   |
| PA ..... | 454.0                   | 245.0      | 120.0                                      | 10.0   | 538,505                                      | 330,351             | 392,381   | 15,958  | 408,339                   |
| RI ..... | 1.1                     | 1.3        | 0.2  | 0.1  | 1,524  | 790                 | 744   | 102   | 846                       |
| SC ..... | 154.0                   | 17.0       | 9.0  | 2.0  | 174,021                                      | 106,382             | 104,845   | 3,153   | 107,998                   |
| SD ..... | 1,860.0                 | 537.0      | 472.0                                      | 2.0  | 1,557,488                                    | 1,142,426           | 1,494,238   | 10,605  | 1,504,843                 |
| TN ..... | 552.0                   | 380.0      | 50.0                                       | 3.0  | 570,543                                      | 358,048             | 343,565   | 4,931   | 348,496                   |
| TX ..... | 7,285.0                 | 130.0      | 3,350.0                                    | 15.0   | 7,183,427                                    | 4,658,415           | 5,862,734   | 15,688  | 5,878,422                 |
| UT ..... | 400.0                   | 93.0       | 110.0                                      | 4.0  | 398,685                                      | 284,580             | 356,693   | 6,505   | 363,198                   |
| VT ..... | 55.0                    | 84.0       | 12.0                                       | 2.0  | 63,542                                       | 37,361              | 45,674  | 1,604   | 47,278                    |
| VA ..... | 491.0                   | 187.0      | 14.0                                       | 5.0  | 520,845                                      | 317,599             | 322,332   | 9,763   | 332,095                   |
| WA ..... | 700.0                   | 16.0       | 290.0                                      | 10.0   | 663,388                                      | 451,016             | 614,385   | 6,645   | 621,030                   |
| WV ..... | 134.0                   | 83.0       | 35.0                                       | 3.0  | 122,035                                      | 67,911              | 84,262  | 3,783   | 88,045                    |
| WI ..... | 792.0                   | 450.0      | 94.0                                       | 7.0  | 1,055,622                                    | 614,636             | 656,389   | 14,874  | 671,263                   |
| WY ..... | 935.0                   | 235.0      | 255.0                                      | 1.0  | 604,365                                      | 444,815             | 686,961   | 5,918   | 692,879                   |
| US ..... | 46,287.1                | 9,747.0    | 21,512.0                                   | 193.5  | 42,249,776                                   | 26,914,667          | 37,968,461  | 333,725   | 38,302,186                |

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. <sup>2</sup> Excludes custom slaughter for farmers at commercial establishments. <sup>3</sup> Adjustments made for changes in inventory and for inshipments. <sup>4</sup> Includes receipts from marketings and sales of farm-slaughter. <sup>5</sup> Includes cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.



**Table 7-17.—Cattle: Number slaughtered under Federal inspection and percentage distribution, by classes, 1994–2003<sup>1</sup>**

| Year              | Number            |                   |                   |                   |                   |                 | Percentage of total |                 |                 |                 |                 |                 |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                   | Steers            | Heif-ers          | Cows              |                   |                   | Bulls and stags | Steers              | Heif-ers        | Cows            |                 |                 | Bulls and stags |
|                   |                   |                   | Dairy cows        | Other cows        | Total cows        |                 |                     |                 | Dairy cows      | Other cows      | Total cows      |                 |
| <i>Thou-sands</i> | <i>Thou-sands</i> | <i>Thou-sands</i> | <i>Thou-sands</i> | <i>Thou-sands</i> | <i>Thou-sands</i> | <i>Per-cent</i> | <i>Per-cent</i>     | <i>Per-cent</i> | <i>Per-cent</i> | <i>Per-cent</i> | <i>Per-cent</i> |                 |
| 1994 ...          | 17,651            | 9,390             | 2,858             | 2,955             | 5,813             | 629             | 52.7                | 28.0            | 8.5             | 8.8             | 17.3            | 1.9             |
| 1995 ...          | 17,887            | 10,175            | 2,862             | 3,281             | 6,143             | 674             | 51.3                | 29.2            | 8.2             | 9.4             | 17.6            | 1.9             |
| 1996 ...          | 17,400            | 10,502            | 3,037             | 4,068             | 7,105             | 715             | 48.7                | 29.4            | 8.5             | 11.4            | 19.9            | 2.0             |
| 1997 ...          | 17,172            | 11,287            | 2,926             | 3,498             | 6,424             | 683             | 48.3                | 31.7            | 8.2             | 9.8             | 18.1            | 1.9             |
| 1998 ...          | 17,101            | 11,228            | 2,620             | 3,245             | 5,865             | 593             | 49.2                | 32.3            | 7.5             | 9.3             | 16.9            | 1.7             |
| 1999 ...          | 17,608            | 11,648            | 2,573             | 3,030             | 5,603             | 627             | 49.6                | 32.8            | 7.3             | 8.5             | 15.8            | 1.8             |
| 2000 ...          | 17,758            | 11,835            | 2,632             | 2,796             | 5,427             | 612             | 49.8                | 33.2            | 7.4             | 7.8             | 15.2            | 1.7             |
| 2001 ...          | 17,097            | 11,379            | 2,582             | 3,092             | 5,674             | 621             | 49.2                | 32.7            | 7.4             | 8.9             | 16.3            | 1.8             |
| 2002 ...          | 17,523            | 11,342            | 2,607             | 3,051             | 5,658             | 598             | 49.9                | 32.3            | 7.4             | 8.7             | 16.1            | 1.7             |
| 2003 ...          | 17,177            | 11,078            | 2,860             | 3,163             | 6,023             | 629             | 49.2                | 31.7            | 8.2             | 9.1             | 17.3            | 1.8             |

<sup>1</sup> Totals and percentages based on unrounded data and may not equal sum of classes due to rounding. NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-18.—Cattle and calves: Number of operations, 2002–2003, and inventory, Jan 1, 2003–2004, by States and United States<sup>1</sup>**

| State    | Operations with cattle |                   | January 1 cattle inventory |                   |
|----------|------------------------|-------------------|----------------------------|-------------------|
|          | 2002                   | 2003 <sup>2</sup> | 2003                       | 2004 <sup>3</sup> |
|          | <i>Number</i>          | <i>Number</i>     | <i>1,000 head</i>          | <i>1,000 head</i> |
| AL ..... | 26,000                 | .....             | 1,440                      | 1,360             |
| AK ..... | 120                    | .....             | 12.5                       | 12.5              |
| AZ ..... | 2,900                  | .....             | 840                        | 850               |
| AR ..... | 30,000                 | .....             | 1,850                      | 1,900             |
| CA ..... | 20,000                 | .....             | 5,250                      | 5,200             |
| CO ..... | 14,300                 | .....             | 2,650                      | 2,400             |
| CT ..... | 1,200                  | .....             | 56                         | 54                |
| DE ..... | 450                    | .....             | 21                         | 25                |
| FL ..... | 19,000                 | .....             | 1,750                      | 1,740             |
| GA ..... | 21,000                 | .....             | 1,290                      | 1,250             |
| HI ..... | 800                    | .....             | 151                        | 156               |
| ID ..... | 11,500                 | .....             | 2,000                      | 2,010             |
| IL ..... | 23,000                 | .....             | 1,360                      | 1,310             |
| IN ..... | 19,000                 | .....             | 860                        | 830               |
| IA ..... | 34,000                 | .....             | 3,550                      | 3,450             |
| KS ..... | 34,000                 | .....             | 6,350                      | 6,650             |
| KY ..... | 46,000                 | .....             | 2,430                      | 2,320             |
| LA ..... | 15,000                 | .....             | 860                        | 850               |
| ME ..... | 1,800                  | .....             | 93                         | 91                |
| MD ..... | 4,400                  | .....             | 240                        | 235               |
| MA ..... | 1,200                  | .....             | 50                         | 48                |
| MI ..... | 15,000                 | .....             | 990                        | 1,030             |
| MN ..... | 29,000                 | .....             | 2,450                      | 2,400             |
| MS ..... | 23,000                 | .....             | 1,070                      | 1,020             |
| MO ..... | 68,000                 | .....             | 4,500                      | 4,350             |
| MT ..... | 12,500                 | .....             | 2,450                      | 2,400             |
| NE ..... | 25,000                 | .....             | 6,200                      | 6,250             |
| NV ..... | 1,700                  | .....             | 510                        | 510               |
| NH ..... | 900                    | .....             | 40                         | 39                |
| NJ ..... | 1,600                  | .....             | 46                         | 46                |
| NM ..... | 8,500                  | .....             | 1,550                      | 1,510             |
| NY ..... | 15,000                 | .....             | 1,450                      | 1,420             |
| NC ..... | 24,000                 | .....             | 900                        | 880               |
| ND ..... | 13,000                 | .....             | 1,880                      | 1,750             |
| OH ..... | 26,000                 | .....             | 1,220                      | 1,230             |
| OK ..... | 60,000                 | .....             | 5,400                      | 5,100             |
| OR ..... | 16,200                 | .....             | 1,360                      | 1,440             |
| PA ..... | 28,000                 | .....             | 1,630                      | 1,640             |
| RI ..... | 200                    | .....             | 5.5                        | 5.5               |
| SC ..... | 11,000                 | .....             | 435                        | 425               |
| SD ..... | 19,000                 | .....             | 3,700                      | 3,650             |
| TN ..... | 51,000                 | .....             | 2,270                      | 2,210             |
| TX ..... | 151,000                | .....             | 14,000                     | 13,900            |
| UT ..... | 7,800                  | .....             | 880                        | 860               |
| VT ..... | 2,900                  | .....             | 285                        | 285               |
| VA ..... | 25,000                 | .....             | 1,630                      | 1,540             |
| WA ..... | 14,500                 | .....             | 1,100                      | 1,120             |
| WV ..... | 13,000                 | .....             | 405                        | 380               |
| WI ..... | 38,000                 | .....             | 3,350                      | 3,350             |
| WY ..... | 6,200                  | .....             | 1,290                      | 1,400             |
| US ..... | 1,032,670              | .....             | 96,100                     | 94,882            |

<sup>1</sup> An operation is any place having one or more head of cattle on hand at any time during the year. <sup>2</sup> The number of operations for 2003 was not available at press time. <sup>3</sup> Preliminary. NASS, Livestock Branch, (202) 720-3570.

**Table 7-19.—Cattle and calves: Average dressed weight under Federal inspection, 1994–2003**

| Year       | Cattle        |               |               |               |               | Calves        |
|------------|---------------|---------------|---------------|---------------|---------------|---------------|
|            | All cattle    | Steers        | Heifers       | Cows          | Bulls         |               |
|            | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| 1994 ..... | 717           | 776           | 707           | 536           | 854           | 227           |
| 1995 ..... | 711           | 769           | 706           | 534           | 857           | 218           |
| 1996 ..... | 702           | 766           | 705           | 524           | 842           | 211           |
| 1997 ..... | 706           | 764           | 703           | 539           | 851           | 208           |
| 1998 ..... | 730           | 789           | 724           | 554           | 865           | 174           |
| 1999 ..... | 736           | 793           | 727           | 560           | 881           | 176           |
| 2000 ..... | 745           | 798           | 733           | 579           | 892           | 192           |
| 2001 ..... | 744           | 798           | 734           | 584           | 893           | 196           |
| 2002 ..... | 765           | 823           | 753           | 590           | 912           | 190           |
| 2003 ..... | 746           | 803           | 732           | 590           | 904           | 194           |

NASS, Iowa Agricultural Statistics service (515) 284-4340.

**Table 7-20.—Cattle and calves: Number of operations by size group, selected States, and United States, 2002–2003<sup>1</sup>**

| State                      | Operations having |                   |            |                   |              |                   |              |                   |            |                   |
|----------------------------|-------------------|-------------------|------------|-------------------|--------------|-------------------|--------------|-------------------|------------|-------------------|
|                            | 1–49 head         |                   | 50–99 head |                   | 100–499 head |                   | 500–999 head |                   | 1000+ head |                   |
|                            | 2002              | 2003 <sup>2</sup> | 2002       | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002       | 2003 <sup>2</sup> |
|                            | <i>Number</i>     |                   |            |                   |              |                   |              |                   |            |                   |
| AL .....                   | 18,000            |                   | 4,400      |                   | 3,300        |                   | 240          |                   | 60         |                   |
| AZ .....                   | 1,650             |                   | 380        |                   | 610          |                   | 120          |                   | 140        |                   |
| AR .....                   | 19,500            |                   | 5,800      |                   | 4,400        |                   | 230          |                   | 70         |                   |
| CA .....                   | 12,900            |                   | 1,800      |                   | 3,000        |                   | 1,100        |                   | 1,200      |                   |
| CO .....                   | 7,700             |                   | 2,000      |                   | 3,500        |                   | 650          |                   | 450        |                   |
| FL .....                   | 14,200            |                   | 2,200      |                   | 1,950        |                   | 350          |                   | 300        |                   |
| GA .....                   | 14,200            |                   | 3,800      |                   | 2,700        |                   | 250          |                   | 50         |                   |
| ID .....                   | 6,600             |                   | 1,600      |                   | 2,500        |                   | 460          |                   | 340        |                   |
| IL .....                   | 14,700            |                   | 4,400      |                   | 3,680        |                   | 170          |                   | 50         |                   |
| IN .....                   | 14,400            |                   | 2,700      |                   | 1,780        |                   | 90           |                   | 30         |                   |
| IA .....                   | 15,600            |                   | 7,300      |                   | 10,100       |                   | 700          |                   | 300        |                   |
| KS .....                   | 16,000            |                   | 6,900      |                   | 9,400        |                   | 1,050        |                   | 650        |                   |
| KY .....                   | 32,000            |                   | 8,200      |                   | 5,550        |                   | 200          |                   | 50         |                   |
| LA .....                   | 11,000            |                   | 1,800      |                   | 2,000        |                   | 160          |                   | 40         |                   |
| MD .....                   | 3,000             |                   | 630        |                   | 730          |                   | 30           |                   | 10         |                   |
| MI .....                   | 10,400            |                   | 2,040      |                   | 2,300        |                   | 180          |                   | 80         |                   |
| MN .....                   | 14,700            |                   | 6,800      |                   | 7,000        |                   | 380          |                   | 120        |                   |
| MS .....                   | 15,900            |                   | 3,800      |                   | 3,120        |                   | 130          |                   | 50         |                   |
| MO .....                   | 42,000            |                   | 14,500     |                   | 10,800       |                   | 580          |                   | 120        |                   |
| MT .....                   | 4,600             |                   | 2,000      |                   | 4,700        |                   | 850          |                   | 350        |                   |
| NE .....                   | 8,700             |                   | 5,100      |                   | 8,700        |                   | 1,500        |                   | 1,000      |                   |
| NM .....                   | 5,000             |                   | 1,100      |                   | 1,750        |                   | 320          |                   | 330        |                   |
| NY .....                   | 8,000             |                   | 2,800      |                   | 3,860        |                   | 240          |                   | 100        |                   |
| NC .....                   | 18,800            |                   | 3,200      |                   | 1,900        |                   | 80           |                   | 20         |                   |
| ND .....                   | 3,600             |                   | 2,950      |                   | 5,800        |                   | 550          |                   | 100        |                   |
| OH .....                   | 19,500            |                   | 3,200      |                   | 3,100        |                   | 160          |                   | 40         |                   |
| OK .....                   | 37,000            |                   | 10,600     |                   | 10,900       |                   | 950          |                   | 550        |                   |
| OR .....                   | 12,400            |                   | 1,400      |                   | 1,740        |                   | 410          |                   | 250        |                   |
| PA .....                   | 16,500            |                   | 6,900      |                   | 4,430        |                   | 140          |                   | 30         |                   |
| SD .....                   | 4,700             |                   | 3,400      |                   | 9,000        |                   | 1,400        |                   | 500        |                   |
| TN .....                   | 38,000            |                   | 7,800      |                   | 5,000        |                   | 165          |                   | 35         |                   |
| TX .....                   | 103,000           |                   | 22,000     |                   | 22,300       |                   | 2,300        |                   | 1,400      |                   |
| UT .....                   | 4,400             |                   | 1,300      |                   | 1,700        |                   | 270          |                   | 130        |                   |
| VT .....                   | 1,300             |                   | 700        |                   | 830          |                   | 50           |                   | 20         |                   |
| VA .....                   | 16,000            |                   | 4,700      |                   | 4,000        |                   | 250          |                   | 50         |                   |
| WA .....                   | 11,400            |                   | 1,200      |                   | 1,500        |                   | 260          |                   | 140        |                   |
| WI .....                   | 16,100            |                   | 9,400      |                   | 11,800       |                   | 550          |                   | 150        |                   |
| WY .....                   | 2,400             |                   | 650        |                   | 2,300        |                   | 550          |                   | 300        |                   |
| Oth Sts <sup>3</sup> ..... | 27,000            |                   | 3,300      |                   | 3,200        |                   | 300          |                   | 170        |                   |
| US .....                   | 642,850           |                   | 174,750    |                   | 186,930      |                   | 18,365       |                   | 9,775      |                   |

<sup>1</sup> An operation is any place having one or more cattle on hand during the year. <sup>2</sup> The number of operations for 2003 was not available at press time. <sup>3</sup> Individual State estimates not available for the 12 other States.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-21.—Cattle and calves: Percent of inventory by size group, selected States, and United States, 2002–2003 <sup>1</sup>**

| State                      | Inventory on operations having |                   |            |                   |              |                   |              |                   |             |                   |
|----------------------------|--------------------------------|-------------------|------------|-------------------|--------------|-------------------|--------------|-------------------|-------------|-------------------|
|                            | 1–49 head                      |                   | 50–99 head |                   | 100–499 head |                   | 500–999 head |                   | 1,000+ head |                   |
|                            | 2002                           | 2003 <sup>2</sup> | 2002       | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002        | 2003 <sup>2</sup> |
|                            | <i>Percent</i>                 |                   |            |                   |              |                   |              |                   |             |                   |
| AL .....                   | 26.0                           | .....             | 21.0       | .....             | 38.0         | .....             | 9.5          | .....             | 5.5         | .....             |
| AZ .....                   | 2.5                            | .....             | 2.5        | .....             | 14.0         | .....             | 9.0          | .....             | 72.0        | .....             |
| AR .....                   | 21.0                           | .....             | 22.0       | .....             | 42.0         | .....             | 7.5          | .....             | 7.5         | .....             |
| CA .....                   | 2.9                            | .....             | 2.6        | .....             | 14.5         | .....             | 15.0         | .....             | 65.0        | .....             |
| CO .....                   | 4.0                            | .....             | 4.5        | .....             | 24.0         | .....             | 14.5         | .....             | 53.0        | .....             |
| FL .....                   | 11.5                           | .....             | 8.5        | .....             | 23.0         | .....             | 13.0         | .....             | 44.0        | .....             |
| GA .....                   | 20.0                           | .....             | 21.0       | .....             | 40.0         | .....             | 12.0         | .....             | 7.0         | .....             |
| ID .....                   | 5.0                            | .....             | 5.5        | .....             | 25.0         | .....             | 15.5         | .....             | 49.0        | .....             |
| IL .....                   | 19.5                           | .....             | 21.0       | .....             | 46.0         | .....             | 7.7          | .....             | 5.8         | .....             |
| IN .....                   | 29.0                           | .....             | 21.0       | .....             | 36.0         | .....             | 6.8          | .....             | 7.2         | .....             |
| IA .....                   | 8.0                            | .....             | 14.0       | .....             | 52.0         | .....             | 12.0         | .....             | 14.0        | .....             |
| KS .....                   | 5.2                            | .....             | 7.0        | .....             | 29.0         | .....             | 10.8         | .....             | 48.0        | .....             |
| KY .....                   | 28.0                           | .....             | 23.0       | .....             | 40.0         | .....             | 5.5          | .....             | 3.5         | .....             |
| LA .....                   | 24.0                           | .....             | 14.0       | .....             | 43.0         | .....             | 11.5         | .....             | 7.5         | .....             |
| MD .....                   | 15.0                           | .....             | 16.0       | .....             | 55.0         | .....             | 8.5          | .....             | 5.5         | .....             |
| MI .....                   | 16.0                           | .....             | 14.0       | .....             | 43.0         | .....             | 12.0         | .....             | 15.0        | .....             |
| MN .....                   | 13.0                           | .....             | 19.0       | .....             | 50.0         | .....             | 10.0         | .....             | 8.0         | .....             |
| MS .....                   | 22.0                           | .....             | 22.0       | .....             | 41.0         | .....             | 7.0          | .....             | 8.0         | .....             |
| MO .....                   | 19.0                           | .....             | 22.0       | .....             | 46.0         | .....             | 8.5          | .....             | 4.5         | .....             |
| MT .....                   | 2.2                            | .....             | 5.8        | .....             | 42.0         | .....             | 23.0         | .....             | 27.0        | .....             |
| NE .....                   | 2.5                            | .....             | 5.5        | .....             | 29.0         | .....             | 16.0         | .....             | 47.0        | .....             |
| NM .....                   | 5.0                            | .....             | 4.5        | .....             | 21.0         | .....             | 13.5         | .....             | 56.0        | .....             |
| NY .....                   | 10.0                           | .....             | 15.0       | .....             | 50.0         | .....             | 12.0         | .....             | 13.0        | .....             |
| NC .....                   | 29.0                           | .....             | 23.2       | .....             | 38.0         | .....             | 6.0          | .....             | 3.8         | .....             |
| ND .....                   | 4.3                            | .....             | 9.7        | .....             | 61.0         | .....             | 17.0         | .....             | 8.0         | .....             |
| OH .....                   | 25.0                           | .....             | 17.3       | .....             | 45.0         | .....             | 7.9          | .....             | 4.8         | .....             |
| OK .....                   | 14.0                           | .....             | 13.0       | .....             | 38.0         | .....             | 12.0         | .....             | 23.0        | .....             |
| OR .....                   | 12.0                           | .....             | 6.5        | .....             | 26.0         | .....             | 19.5         | .....             | 36.0        | .....             |
| PA .....                   | 17.0                           | .....             | 28.0       | .....             | 46.0         | .....             | 5.6          | .....             | 3.4         | .....             |
| SD .....                   | 2.5                            | .....             | 6.0        | .....             | 50.0         | .....             | 23.0         | .....             | 18.5        | .....             |
| TN .....                   | 32.0                           | .....             | 23.0       | .....             | 38.0         | .....             | 4.8          | .....             | 2.2         | .....             |
| TX .....                   | 13.0                           | .....             | 11.0       | .....             | 29.0         | .....             | 11.0         | .....             | 36.0        | .....             |
| UT .....                   | 7.5                            | .....             | 9.5        | .....             | 41.0         | .....             | 19.0         | .....             | 23.0        | .....             |
| VT .....                   | 6.5                            | .....             | 17.5       | .....             | 52.0         | .....             | 12.0         | .....             | 12.0        | .....             |
| VA .....                   | 20.0                           | .....             | 19.0       | .....             | 46.0         | .....             | 10.0         | .....             | 5.0         | .....             |
| WA .....                   | 10.0                           | .....             | 7.0        | .....             | 27.0         | .....             | 15.0         | .....             | 41.0        | .....             |
| WI .....                   | 9.0                            | .....             | 19.0       | .....             | 55.0         | .....             | 11.0         | .....             | 6.0         | .....             |
| WY .....                   | 3.1                            | .....             | 2.9        | .....             | 32.0         | .....             | 24.0         | .....             | 38.0        | .....             |
| Oth Sts <sup>3</sup> ..... | 21.0                           | .....             | 13.0       | .....             | 33.0         | .....             | 11.0         | .....             | 22.0        | .....             |
| US .....                   | 11.7                           | .....             | 12.2       | .....             | 36.2         | .....             | 12.4         | .....             | 27.5        | .....             |

<sup>1</sup> Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on end-of-year surveys. <sup>2</sup> The number of operations for 2003 was not available at press time. <sup>3</sup> Individual State estimates not available for the 12 other States.

**Table 7-22.—Beef cows: Number of operations, 2002–2003, and inventory, January 1, 2003–2004, by States and United States<sup>1</sup>**

| State    | Operations with beef cows <sup>2</sup> |                     | January 1 beef cow inventory |                   |
|----------|--|---------------------|------------------------------|-------------------|
|          | 2002                                   | 2003 <sup>2 3</sup> | 2003                         | 2004 <sup>4</sup> |
|          | <i>Number</i>                          | <i>Number</i>       | <i>1,000 head</i>            | <i>1,000 head</i> |
| AL ..... | 25,000                                 | .....               | 761                          | 732               |
| AK ..... | 80                                     | .....               | 4.7                          | 5.1               |
| AZ ..... | 2,000                                  | .....               | 170                          | 175               |
| AR ..... | 27,000                                 | .....               | 949                          | 982               |
| CA ..... | 12,500                                 | .....               | 740                          | 720               |
| CO ..... | 10,500                                 | .....               | 702                          | 612               |
| CT ..... | 800                                    | .....               | 6                            | 6                 |
| DE ..... | 230                                    | .....               | 4                            | 4                 |
| FL ..... | 16,500                                 | .....               | 953                          | 950               |
| GA ..... | 20,000                                 | .....               | 625                          | 616               |
| HI ..... | 700                                    | .....               | 79                           | 82                |
| ID ..... | 7,600                                  | .....               | 490                          | 488               |
| IL ..... | 15,800                                 | .....               | 426                          | 432               |
| IN ..... | 12,000                                 | .....               | 230                          | 227               |
| IA ..... | 26,000                                 | .....               | 992                          | 984               |
| KS ..... | 28,000                                 | .....               | 1,518                        | 1,550             |
| KY ..... | 39,000                                 | .....               | 1,120                        | 1,128             |
| LA ..... | 13,000                                 | .....               | 475                          | 489               |
| ME ..... | 1,000                                  | .....               | 10                           | 11                |
| MD ..... | 2,700                                  | .....               | 41                           | 42                |
| MA ..... | 700                                    | .....               | 5                            | 6                 |
| MI ..... | 7,000                                  | .....               | 89                           | 85                |
| MN ..... | 15,500                                 | .....               | 400                          | 395               |
| MS ..... | 21,000                                 | .....               | 557                          | 541               |
| MO ..... | 58,000                                 | .....               | 2,116                        | 2,125             |
| MT ..... | 11,400                                 | .....               | 1,432                        | 1,472             |
| NE ..... | 22,000                                 | .....               | 1,934                        | 1,848             |
| NV ..... | 1,400                                  | .....               | 245                          | 244               |
| NH ..... | 530                                    | .....               | 4.0                          | 3.5               |
| NJ ..... | 900                                    | .....               | 9                            | 10                |
| NM ..... | 6,800                                  | .....               | 466                          | 455               |
| NY ..... | 6,000                                  | .....               | 85                           | 82                |
| NC ..... | 21,000                                 | .....               | 412                          | 402               |
| ND ..... | 11,800                                 | .....               | 973                          | 937               |
| OH ..... | 16,000                                 | .....               | 260                          | 262               |
| OK ..... | 50,000                                 | .....               | 2,047                        | 1,970             |
| OR ..... | 12,600                                 | .....               | 593                          | 603               |
| PA ..... | 11,200                                 | .....               | 150                          | 156               |
| RI ..... | 140                                    | .....               | 1.6                          | 1.7               |
| SC ..... | 10,000                                 | .....               | 210                          | 218               |
| SD ..... | 16,800                                 | .....               | 1,696                        | 1,711             |
| TN ..... | 44,000                                 | .....               | 1,106                        | 1,103             |
| TX ..... | 133,000                                | .....               | 5,480                        | 5,483             |
| UT ..... | 5,600                                  | .....               | 339                          | 351               |
| VT ..... | 1,000                                  | .....               | 10                           | 9                 |
| VA ..... | 22,000                                 | .....               | 684                          | 695               |
| WA ..... | 10,100                                 | .....               | 248                          | 270               |
| WV ..... | 11,000                                 | .....               | 195                          | 186               |
| WI ..... | 12,000                                 | .....               | 235                          | 245               |
| WY ..... | 5,200                                  | .....               | 706                          | 756               |
| US ..... | 805,080                                | .....               | 32,983.3                     | 32,860.3          |

<sup>1</sup> An operation is any place having one or more beef cows on hand at any time during the year. <sup>2</sup> Included in operations with cattle. <sup>3</sup> The number of operations for 2003 was not available at press time. <sup>4</sup> Preliminary.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 7-23.—Beef cows: Number of operations by size group, selected States and United States, 2002–2003<sup>1</sup>**

| State                      | Operations having |                   |            |                   |              |                   |           |                   |
|----------------------------|-------------------|-------------------|------------|-------------------|--------------|-------------------|-----------|-------------------|
|                            | 1–49 head         |                   | 50–99 head |                   | 100–499 head |                   | 500+ head |                   |
|                            | 2002              | 2003 <sup>2</sup> | 2002       | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002      | 2003 <sup>2</sup> |
|                            | <i>Number</i>     |                   |            |                   |              |                   |           |                   |
| AL .....                   | 20,000            | .....             | 3,250      | .....             | 1,700        | .....             | 50        | .....             |
| AZ .....                   | 1,300             | .....             | 220        | .....             | 400          | .....             | 80        | .....             |
| AR .....                   | 22,000            | .....             | 3,200      | .....             | 1,730        | .....             | 70        | .....             |
| CA .....                   | 9,700             | .....             | 810        | .....             | 1,700        | .....             | 290       | .....             |
| CO .....                   | 6,300             | .....             | 1,700      | .....             | 2,250        | .....             | 250       | .....             |
| FL .....                   | 13,300            | .....             | 1,600      | .....             | 1,320        | .....             | 280       | .....             |
| GA .....                   | 16,700            | .....             | 2,000      | .....             | 1,270        | .....             | 30        | .....             |
| ID .....                   | 5,200             | .....             | 930        | .....             | 1,300        | .....             | 170       | .....             |
| IL .....                   | 13,500            | .....             | 1,650      | .....             | 640          | .....             | 10        | .....             |
| IN .....                   | 11,200            | .....             | 600        | .....             | 200          | .....             | .....     | .....             |
| IA .....                   | 19,000            | .....             | 4,600      | .....             | 2,350        | .....             | 50        | .....             |
| KS .....                   | 18,600            | .....             | 5,200      | .....             | 4,020        | .....             | 180       | .....             |
| KY .....                   | 33,400            | .....             | 4,000      | .....             | 1,570        | .....             | 30        | .....             |
| LA .....                   | 10,600            | .....             | 1,300      | .....             | 1,060        | .....             | 40        | .....             |
| MN .....                   | 13,300            | .....             | 1,500      | .....             | 680          | .....             | 20        | .....             |
| MS .....                   | 17,100            | .....             | 2,800      | .....             | 1,060        | .....             | 40        | .....             |
| MO .....                   | 46,000            | .....             | 8,200      | .....             | 3,700        | .....             | 100       | .....             |
| MT .....                   | 4,800             | .....             | 2,130      | .....             | 4,000        | .....             | 470       | .....             |
| NE .....                   | 12,200            | .....             | 4,200      | .....             | 5,070        | .....             | 530       | .....             |
| NM .....                   | 4,500             | .....             | 950        | .....             | 1,150        | .....             | 200       | .....             |
| NC .....                   | 18,800            | .....             | 1,600      | .....             | 590          | .....             | 10        | .....             |
| ND .....                   | 5,000             | .....             | 3,220      | .....             | 3,500        | .....             | 80        | .....             |
| OH .....                   | 15,000            | .....             | 800        | .....             | 190          | .....             | 10        | .....             |
| OK .....                   | 38,500            | .....             | 7,400      | .....             | 3,900        | .....             | 200       | .....             |
| OR .....                   | 10,100            | .....             | 1,100      | .....             | 1,180        | .....             | 220       | .....             |
| PA .....                   | 10,600            | .....             | 470        | .....             | 130          | .....             | .....     | .....             |
| SD .....                   | 6,800             | .....             | 3,670      | .....             | 5,900        | .....             | 430       | .....             |
| TN .....                   | 39,000            | .....             | 3,600      | .....             | 1,380        | .....             | 20        | .....             |
| TX .....                   | 104,000           | .....             | 17,000     | .....             | 11,100       | .....             | 900       | .....             |
| UT .....                   | 3,600             | .....             | 950        | .....             | 960          | .....             | 90        | .....             |
| VA .....                   | 18,000            | .....             | 2,800      | .....             | 1,170        | .....             | 30        | .....             |
| WA .....                   | 8,900             | .....             | 600        | .....             | 550          | .....             | 50        | .....             |
| WY .....                   | 2,300             | .....             | 900        | .....             | 1,700        | .....             | 300       | .....             |
| Oth Sts <sup>3</sup> ..... | 51,000            | .....             | 3,700      | .....             | 1,320        | .....             | 160       | .....             |
| US .....                   | 630,300           | .....             | 98,650     | .....             | 70,740       | .....             | 5,390     | .....             |

<sup>1</sup> An operation is any place having one or more beef cows on hand at any time during the year. Missing data combined with other size groups. <sup>2</sup> The number of operations for 2003 was not available at press time. <sup>3</sup> Individual State estimates are not available for 17 other States.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-24.—Beef cows: Percent of inventory by size group, selected States, and United States, 2002–2003 <sup>1</sup>**

| State                           | Inventory on operations having |                   |            |                   |              |                   |           |                   |
|---------------------------------|--------------------------------|-------------------|------------|-------------------|--------------|-------------------|-----------|-------------------|
|                                 | 1–49 head                      |                   | 50–99 head |                   | 100–499 head |                   | 500+ head |                   |
|                                 | 2002                           | 2003 <sup>2</sup> | 2002       | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002      | 2003 <sup>2</sup> |
|                                 | <i>Percent</i>                 |                   |            |                   |              |                   |           |                   |
| AL .....                        | 41.0                           | .....             | 24.5       | .....             | 30.0         | .....             | 4.5       | .....             |
| AZ .....                        | 8.5                            | .....             | 7.5        | .....             | 37.0         | .....             | 47.0      | .....             |
| AR .....                        | 42.0                           | .....             | 22.0       | .....             | 30.0         | .....             | 6.0       | .....             |
| CA .....                        | 12.2                           | .....             | 6.8        | .....             | 45.0         | .....             | 36.0      | .....             |
| CO .....                        | 13.0                           | .....             | 15.0       | .....             | 49.0         | .....             | 23.0      | .....             |
| FL .....                        | 17.0                           | .....             | 11.0       | .....             | 27.0         | .....             | 45.0      | .....             |
| GA .....                        | 42.0                           | .....             | 22.0       | .....             | 33.0         | .....             | 3.0       | .....             |
| ID .....                        | 14.0                           | .....             | 12.0       | .....             | 47.0         | .....             | 27.0      | .....             |
| IL .....                        | 52.0                           | .....             | 25.0       | .....             | 21.0         | .....             | 2.0       | .....             |
| IN .....                        | 71.0                           | .....             | 17.0       | .....             | 12.0         | .....             | .....     | .....             |
| IA .....                        | 34.0                           | .....             | 30.0       | .....             | 33.0         | .....             | 3.0       | .....             |
| KS .....                        | 24.5                           | .....             | 23.0       | .....             | 44.0         | .....             | 8.5       | .....             |
| KY .....                        | 52.0                           | .....             | 24.1       | .....             | 22.0         | .....             | 1.9       | .....             |
| LA .....                        | 35.0                           | .....             | 18.0       | .....             | 40.0         | .....             | 7.0       | .....             |
| MN .....                        | 49.0                           | .....             | 24.0       | .....             | 24.0         | .....             | 3.0       | .....             |
| MS .....                        | 38.0                           | .....             | 26.0       | .....             | 30.0         | .....             | 6.0       | .....             |
| MO .....                        | 42.0                           | .....             | 26.0       | .....             | 28.0         | .....             | 4.0       | .....             |
| MT .....                        | 6.0                            | .....             | 10.0       | .....             | 57.0         | .....             | 27.0      | .....             |
| NE .....                        | 12.0                           | .....             | 15.0       | .....             | 49.0         | .....             | 24.0      | .....             |
| NM .....                        | 11.0                           | .....             | 12.0       | .....             | 43.0         | .....             | 34.0      | .....             |
| NC .....                        | 55.0                           | .....             | 23.0       | .....             | 20.0         | .....             | 2.0       | .....             |
| ND .....                        | 11.0                           | .....             | 21.0       | .....             | 62.0         | .....             | 6.0       | .....             |
| OH .....                        | 69.0                           | .....             | 18.0       | .....             | 10.5         | .....             | 2.5       | .....             |
| OK .....                        | 34.0                           | .....             | 24.0       | .....             | 34.0         | .....             | 8.0       | .....             |
| OR .....                        | 18.0                           | .....             | 10.0       | .....             | 39.0         | .....             | 33.0      | .....             |
| PA .....                        | 67.0                           | .....             | 19.0       | .....             | 14.0         | .....             | .....     | .....             |
| SD .....                        | 8.5                            | .....             | 13.5       | .....             | 61.0         | .....             | 17.0      | .....             |
| TN .....                        | 56.0                           | .....             | 22.6       | .....             | 20.0         | .....             | 1.4       | .....             |
| TX .....                        | 29.0                           | .....             | 20.0       | .....             | 37.0         | .....             | 14.0      | .....             |
| UT .....                        | 13.0                           | .....             | 16.0       | .....             | 49.0         | .....             | 22.0      | .....             |
| VA .....                        | 43.0                           | .....             | 26.0       | .....             | 28.0         | .....             | 3.0       | .....             |
| WA .....                        | 30.0                           | .....             | 15.0       | .....             | 38.0         | .....             | 17.0      | .....             |
| WY .....                        | 6.0                            | .....             | 8.0        | .....             | 48.0         | .....             | 38.0      | .....             |
| Other States <sup>3</sup> ..... | 46.0                           | .....             | 20.0       | .....             | 19.0         | .....             | 15.0      | .....             |
| US .....                        | 29.0                           | .....             | 19.2       | .....             | 37.5         | .....             | 14.3      | .....             |

<sup>1</sup> Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on end-of-year surveys. Missing data combined with other size groups. <sup>2</sup> The number of operations for 2003 was not available at press time. <sup>3</sup> Individual State estimates are not available for 17 other States.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-25.—Hogs and pigs: Number and value, United States, Dec. 1, 1994–2003**

| Year                    | Number           | Value          |                      |
|-------------------------|------------------|----------------|----------------------|
|                         |                  | Per head       | Total                |
|                         | <i>Thousands</i> | <i>Dollars</i> | <i>1,000 dollars</i> |
| 1994 .....              | 59,738           | 53.00          | 3,178,123            |
| 1995 .....              | 58,201           | 71.00          | 4,115,118            |
| 1996 .....              | 56,124           | 94.00          | 5,280,742            |
| 1997 .....              | 61,158           | 82.00          | 4,985,532            |
| 1998 .....              | 62,204           | 44.00          | 2,765,847            |
| 1999 .....              | 59,335           | 72.00          | 4,254,293            |
| 2000 .....              | 59,110           | 77.00          | 4,542,493            |
| 2001 .....              | 59,722           | 77.00          | 4,589,912            |
| 2002 .....              | 59,554           | 71.00          | 4,209,683            |
| 2003 <sup>1</sup> ..... | 60,040           | 66.00          | 3,986,301            |

<sup>1</sup> Preliminary.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-26.—Hogs and pigs: Number and value, by States, Dec. 1, 2002–2003**

| State    | Operations    |                   | Number           |                   | Value          |                   |                      |                      |
|----------|---------------|-------------------|------------------|-------------------|----------------|-------------------|----------------------|----------------------|
|          | 2002          | 2003 <sup>1</sup> | 2002             | 2003 <sup>2</sup> | Value per head |                   | Total value          |                      |
|          |               |                   |                  |                   | 2002           | 2003 <sup>2</sup> | 2002                 | 2003 <sup>2</sup>    |
|          | <i>Number</i> | <i>Number</i>     | <i>Thousands</i> | <i>Thousands</i>  | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL ..... | 300           | .....             | 165              | 165               | 70             | 66                | 11,550               | 10,890               |
| AK ..... | 40            | .....             | 1.2              | 1.5               | 170            | 180               | 204                  | 270                  |
| AZ ..... | 180           | .....             | 138              | 127               | 76             | 71                | 10,868               | 9,017                |
| AR ..... | 1,000         | .....             | 305              | 310               | 69             | 64                | 21,045               | 19,840               |
| CA ..... | 750           | .....             | 150              | 135               | 92             | 86                | 12,420               | 11,610               |
| CO ..... | 390           | .....             | 790              | 770               | 75             | 60                | 59,250               | 46,200               |
| CT ..... | 220           | .....             | 4.0              | 3.8               | 92             | 86                | 350                  | 327                  |
| DE ..... | 130           | .....             | 13.0             | 18.0              | 68             | 64                | 1,496                | 1,152                |
| FL ..... | 1,400         | .....             | 35.0             | 30.0              | 74             | 69                | 2,590                | 2,070                |
| GA ..... | 1,000         | .....             | 345              | 295               | 63             | 61                | 21,735               | 17,995               |
| HI ..... | 230           | .....             | 24.0             | 23.0              | 140            | 140               | 3,360                | 3,220                |
| ID ..... | 400           | .....             | 22.0             | 26.0              | 72             | 68                | 1,584                | 1,768                |
| IL ..... | 4,600         | .....             | 4,150            | 3,950             | 71             | 65                | 294,650              | 256,750              |
| IN ..... | 3,400         | .....             | 3,250            | 3,100             | 74             | 69                | 236,800              | 213,900              |
| IA ..... | 10,000        | .....             | 15,500           | 15,800            | 75             | 70                | 1,170,000            | 1,106,000            |
| KS ..... | 1,500         | .....             | 1,530            | 1,630             | 65             | 62                | 99,450               | 101,060              |
| KY ..... | 1,200         | .....             | 360              | 380               | 54             | 54                | 19,980               | 20,520               |
| LA ..... | 580           | .....             | 20.0             | 20.0              | 76             | 71                | 1,520                | 1,420                |
| ME ..... | 400           | .....             | 5.0              | 6.5               | 76             | 71                | 456                  | 462                  |
| MD ..... | 510           | .....             | 35.0             | 40.0              | 70             | 66                | 3,150                | 2,640                |
| MA ..... | 400           | .....             | 14.0             | 14.5              | 76             | 71                | 1,254                | 1,030                |
| MI ..... | 2,300         | .....             | 870              | 950               | 81             | 79                | 69,660               | 75,050               |
| MN ..... | 6,200         | .....             | 6,100            | 6,400             | 85             | 79                | 510,000              | 505,600              |
| MO ..... | 1,500         | .....             | 275              | 305               | 76             | 71                | 20,900               | 21,655               |
| MS ..... | 2,800         | .....             | 2,950            | 2,950             | 61             | 57                | 179,950              | 168,150              |
| MT ..... | 500           | .....             | 175              | 170               | 74             | 69                | 13,690               | 11,730               |
| NE ..... | 2,900         | .....             | 3,000            | 2,900             | 76             | 71                | 224,200              | 205,900              |
| NV ..... | 100           | .....             | 5.5              | 5.0               | 92             | 86                | 598                  | 430                  |
| NH ..... | 270           | .....             | 3.2              | 2.9               | 84             | 79                | 269                  | 229                  |
| NJ ..... | 300           | .....             | 15.0             | 12.0              | 84             | 79                | 1,260                | 948                  |
| NM ..... | 400           | .....             | 3.0              | 2.5               | 76             | 71                | 228                  | 178                  |
| NY ..... | 1,300         | .....             | 86.0             | 73.0              | 70             | 66                | 6,020                | 4,818                |
| NC ..... | 3,200         | .....             | 9,700            | 9,900             | 58             | 54                | 562,600              | 534,600              |
| ND ..... | 600           | .....             | 144              | 150               | 74             | 69                | 11,396               | 10,350               |
| OH ..... | 4,500         | .....             | 1,440            | 1,520             | 76             | 71                | 109,440              | 107,920              |
| OK ..... | 2,600         | .....             | 2,240            | 2,340             | 59             | 57                | 138,060              | 133,380              |
| OR ..... | 1,000         | .....             | 26.0             | 27.0              | 76             | 71                | 2,356                | 1,917                |
| PA ..... | 2,900         | .....             | 1,130            | 1,100             | 67             | 69                | 72,360               | 75,900               |
| RI ..... | 50            | .....             | 2.3              | 2.6               | 74             | 69                | 215                  | 179                  |
| SC ..... | 600           | .....             | 300              | 300               | 59             | 59                | 17,700               | 17,700               |
| SD ..... | 1,500         | .....             | 1,330            | 1,260             | 77             | 74                | 100,870              | 93,240               |
| TN ..... | 1,300         | .....             | 225              | 215               | 61             | 57                | 13,420               | 12,255               |
| TX ..... | 3,800         | .....             | 930              | 930               | 62             | 67                | 57,660               | 62,310               |
| UT ..... | 400           | .....             | 670              | 660               | 76             | 71                | 50,920               | 46,860               |
| VT ..... | 300           | .....             | 2.0              | 2.1               | 92             | 86                | 230                  | 181                  |
| VA ..... | 1,100         | .....             | 400              | 370               | 59             | 62                | 23,600               | 22,940               |
| WA ..... | 750           | .....             | 29.0             | 24.0              | 84             | 79                | 2,016                | 1,896                |
| WV ..... | 1,100         | .....             | 12.0             | 10.0              | 74             | 69                | 814                  | 690                  |
| WI ..... | 2,300         | .....             | 520              | 490               | 69             | 64                | 35,880               | 31,360               |
| WY ..... | 150           | .....             | 115              | 124               | 84             | 79                | 9,660                | 9,796                |
| US ..... | 75,350        | .....             | 59,554           | 60,040            | 71             | 66                | 4,209,683            | 3,986,301            |

<sup>1</sup> The number of operations for 2003 was not available at press time.<sup>2</sup> Preliminary. Totals may not add due to rounding

NASS, Livestock Branch, (202) 720-3570.

**Table 7-27.—Sows farrowing and pig crop: Number, United States, 1994–2003**

| Year                    | Sows farrowing   |                  | Pig crop         |                  |                  |
|-------------------------|------------------|------------------|------------------|------------------|------------------|
|                         | Dec.-May         | June-Nov.        | Dec.-May         | June-Nov.        | Total            |
|                         | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> |
| 1994 .....              | 6,257            | 6,139            | 51,217           | 50,261           | 101,478          |
| 1995 .....              | 6,046            | 5,843            | 50,077           | 48,739           | 98,816           |
| 1996 .....              | 5,665            | 5,449            | 47,888           | 46,571           | 94,459           |
| 1997 .....              | 5,595            | 5,884            | 48,394           | 51,190           | 99,584           |
| 1998 .....              | 6,014            | 6,046            | 52,469           | 52,535           | 105,004          |
| 1999 .....              | 5,877            | 5,764            | 51,516           | 50,836           | 102,352          |
| 2000 .....              | 5,683            | 5,726            | 50,086           | 50,656           | 100,742          |
| 2001 .....              | 5,618            | 5,767            | 49,477           | 51,140           | 100,617          |
| 2002 .....              | 5,776            | 5,716            | 50,858           | 50,820           | 101,678          |
| 2003 <sup>1</sup> ..... | 5,645            | 5,660            | 49,942           | 50,464           | 100,406          |

<sup>1</sup> Preliminary.  
NASS, Livestock Branch, (202) 720-3570.

**Table 7-28.—Hogs and pigs: Number for breeding and market, United States, 1994–2003**

| Year                    | All hogs and pigs | Kept for breeding | Market hogs by weight groups |                  |                   |                     | Total            |
|-------------------------|-------------------|-------------------|------------------------------|------------------|-------------------|---------------------|------------------|
|                         |                   |                   | Under 60 pounds              | 60 to 119 pounds | 120 to 179 pounds | 180 pounds and over |                  |
| June 1                  |                   |                   |                              |                  |                   |                     |                  |
|                         | <i>Thousands</i>  | <i>Thousands</i>  | <i>Thousands</i>             | <i>Thousands</i> | <i>Thousands</i>  | <i>Thousands</i>    | <i>Thousands</i> |
| 1994 .....              | 60,847            | 7,532             | 22,024                       | 13,092           | 10,007            | 8,193               | 53,315           |
| 1995 .....              | 59,329            | 7,117             | 21,042                       | 12,841           | 9,780             | 8,549               | 52,211           |
| 1996 .....              | 56,038            | 6,682             | 19,645                       | 12,196           | 9,757             | 7,759               | 49,356           |
| 1997 .....              | 57,366            | 6,789             | 19,988                       | 12,574           | 10,002            | 8,013               | 50,577           |
| 1998 .....              | 62,213            | 6,958             | 21,482                       | 13,711           | 11,084            | 8,978               | 55,254           |
| 1999 .....              | 60,894            | 6,515             | 20,532                       | 13,500           | 11,075            | 9,271               | 54,379           |
| 2000 .....              | 59,110            | 6,233             | 19,907                       | 13,246           | 10,708            | 9,016               | 52,878           |
| 2001 .....              | 58,525            | 6,178             | 19,900                       | 12,945           | 10,531            | 8,971               | 52,347           |
| 2002 .....              | 60,391            | 6,208             | 20,226                       | 13,539           | 10,906            | 9,512               | 54,183           |
| 2003 <sup>1</sup> ..... | 59,586            | 5,960             | 20,492                       | 12,978           | 10,787            | 9,369               | 53,626           |
| Dec. 1                  |                   |                   |                              |                  |                   |                     |                  |
|                         | <i>Thousands</i>  | <i>Thousands</i>  | <i>Thousands</i>             | <i>Thousands</i> | <i>Thousands</i>  | <i>Thousands</i>    | <i>Thousands</i> |
| 1994 .....              | 59,738            | 6,998             | 19,477                       | 13,007           | 10,927            | 9,329               | 52,739           |
| 1995 .....              | 58,201            | 6,770             | 18,916                       | 12,755           | 10,704            | 9,057               | 51,431           |
| 1996 .....              | 56,124            | 6,578             | 18,503                       | 12,193           | 10,209            | 8,641               | 49,546           |
| 1997 .....              | 61,158            | 6,957             | 20,237                       | 13,319           | 11,188            | 9,457               | 54,200           |
| 1998 .....              | 62,204            | 6,682             | 20,140                       | 13,630           | 11,584            | 10,167              | 55,522           |
| 1999 .....              | 59,335            | 6,233             | 19,241                       | 13,106           | 11,071            | 9,684               | 53,103           |
| 2000 .....              | 59,110            | 6,267             | 19,413                       | 12,926           | 11,841            | 9,663               | 52,843           |
| 2001 .....              | 59,722            | 6,201             | 19,903                       | 12,877           | 10,755            | 9,986               | 53,521           |
| 2002 .....              | 59,554            | 6,058             | 19,903                       | 13,033           | 10,875            | 10,103              | 53,496           |
| 2003 <sup>1</sup> ..... | 60,040            | 5,966             | 19,821                       | 13,250           | 10,839            | 10,164              | 54,074           |

<sup>1</sup> Preliminary.  
NASS, Livestock Branch, (202) 720-3570.



**Table 7-29.—Hogs: Number in specified countries, 1999–2002<sup>1</sup>**

| Country                       | 1999             | 2000             | 2001             | 2002 <sup>2</sup> |
|-------------------------------|------------------|------------------|------------------|-------------------|
|                               | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i>  |
| China, Peoples Republic ..... | 422,563          | 430,198          | 446,815          | 457,430           |
| European Union .....          | 123,708          | 124,319          | 123,261          | 122,191           |
| United States .....           | 62,206           | 59,342           | 59,138           | 59,804            |
| Brazil .....                  | 31,427           | 31,860           | 32,440           | 32,710            |
| Poland .....                  | 19,275           | 18,224           | 16,988           | 17,494            |
| Russian Federation .....      | 16,400           | 16,100           | 15,780           | 16,570            |
| Canada .....                  | 12,429           | 12,904           | 13,576           | 14,367            |
| Philippines .....             | 10,398           | 10,764           | 11,715           | 11,816            |
| Mexico .....                  | 10,860           | 10,781           | 10,649           | 10,569            |
| Japan .....                   | 9,879            | 9,805            | 9,785            | 9,612             |
| Ukraine .....                 | 10,083           | 10,073           | 7,652            | 8,317             |
| Taiwan .....                  | 6,539            | 7,243            | 7,495            | 7,165             |
| Korea, Republic of .....      | 6,700            | 7,000            | 7,350            | 7,856             |
| Hungary .....                 | 5,450            | 5,335            | 4,834            | 4,900             |
| Romania .....                 | 7,194            | 5,700            | 4,797            | 4,477             |
| Czech Republic .....          | 3,802            | 3,688            | 3,594            | 3,457             |
| Australia .....               | 2,626            | 2,511            | 2,604            | 2,563             |
| Bulgaria .....                | 1,721            | 1,512            | 1,143            | 1,300             |
| Kazakhstan, Republic of ..... | 750              | NA               | NA               | NA                |
| Switzerland .....             | 1,466            | NA               | NA               | NA                |
| Thailand .....                | 4,810            | 4,802            | NA               | NA                |
| Total .....                   | 770,286          | 772,161          | 779,616          | 792,598           |

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible. <sup>2</sup> Preliminary. NA-not available.

FAS, Dairy, Livestock and Poultry Division, (202) 720-8031. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 7-30.—Hogs: Number slaughtered, United States, 1994–2003**

| Year       | Commercial          |                  |                    | Farm             | Total            |
|------------|---------------------|------------------|--------------------|------------------|------------------|
|            | Federally inspected | Other            | Total <sup>1</sup> |                  |                  |
|            | <i>Thousands</i>    | <i>Thousands</i> | <i>Thousands</i>   | <i>Thousands</i> | <i>Thousands</i> |
| 1994 ..... | 93,435              | 2,261            | 95,696             | 208              | 95,905           |
| 1995 ..... | 94,203              | 2,123            | 96,326             | 210              | 96,535           |
| 1996 ..... | 90,534              | 1,860            | 92,394             | 175              | 92,569           |
| 1997 ..... | 90,228              | 1,733            | 91,960             | 165              | 92,125           |
| 1998 ..... | 99,285              | 1,745            | 101,029            | 165              | 101,194          |
| 1999 ..... | 99,739              | 1,806            | 101,544            | 150              | 101,694          |
| 2000 ..... | 96,436              | 1,540            | 97,976             | 130              | 98,106           |
| 2001 ..... | 96,528              | 1,434            | 97,962             | 120              | 98,082           |
| 2002 ..... | 98,915              | 1,348            | 100,263            | 115              | 100,378          |
| 2003 ..... | 99,698              | 1,233            | 100,931            | 112              | 101,043          |

<sup>1</sup> Totals are based on unrounded numbers.

NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-31.—Sows farrowing and pig crop: Number by States, 2002 and 2003**

| State                    | Sows farrowing   |                   |                  |                   |                  |                   |                  |                   |
|--------------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
|                          | Dec.–Feb.        |                   | Mar.–May         |                   | June–Aug.        |                   | Sept.–Nov.       |                   |
|                          | 2002             | 2003 <sup>1</sup> | 2002             | 2003 <sup>1</sup> | 2002             | 2003 <sup>1</sup> | 2002             | 2003 <sup>1</sup> |
|                          | <i>Thousands</i> | <i>Thousands</i>  | <i>Thousands</i> | <i>Thousands</i>  | <i>Thousands</i> | <i>Thousands</i>  | <i>Thousands</i> | <i>Thousands</i>  |
| AR .....                 | 52               | 41                | 52               | 36                | 52               | 35                | 44               | 35                |
| CO .....                 | 79               | 75                | 76               | 67                | 75               | 67                | 75               | 60                |
| IL .....                 | 210              | 200               | 220              | 215               | 210              | 205               | 210              | 205               |
| IN .....                 | 155              | 150               | 155              | 145               | 150              | 150               | 145              | 145               |
| IA .....                 | 410              | 410               | 470              | 470               | 430              | 430               | 440              | 440               |
| KS .....                 | 79               | 76                | 82               | 83                | 82               | 77                | 79               | 81                |
| MI .....                 | 50               | 43                | 49               | 46                | 54               | 45                | 42               | 51                |
| MN .....                 | 260              | 265               | 270              | 280               | 265              | 270               | 275              | 280               |
| MO .....                 | 170              | 170               | 180              | 170               | 170              | 170               | 170              | 175               |
| NE .....                 | 180              | 175               | 185              | 180               | 175              | 175               | 180              | 175               |
| NC .....                 | 540              | 530               | 550              | 540               | 560              | 550               | 530              | 540               |
| OH .....                 | 74               | 73                | 75               | 73                | 78               | 75                | 73               | 74                |
| OK .....                 | 170              | 170               | 165              | 175               | 170              | 180               | 165              | 185               |
| PA .....                 | 53               | 49                | 53               | 49                | 53               | 51                | 53               | 51                |
| SD .....                 | 70               | 64                | 69               | 68                | 69               | 65                | 61               | 70                |
| TX .....                 | 43               | 43                | 45               | 49                | 50               | 48                | 46               | 33                |
| WI .....                 | 28               | 29                | 29               | 28                | 26               | 29                | 28               | 26                |
| Oth Sts <sup>2</sup> ... | 212              | 202               | 216              | 207               | 214              | 203               | 217              | 210               |
| US .....                 | 2,835            | 2,765             | 2,941            | 2,881             | 2,883            | 2,825             | 2,833            | 2,836             |

| State                    | Pig crop         |                   |                  |                   |                  |                  |                  |                   |
|--------------------------|------------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------------|
|                          | Dec.–Feb.        |                   | Mar.–May         |                   | June–Aug.        |                  | Sept.–Nov.       |                   |
|                          | 2002             | 2003 <sup>1</sup> | 2002             | 2003 <sup>1</sup> | 2002             | 2003             | 2002             | 2003 <sup>1</sup> |
|                          | <i>Thousands</i> | <i>Thousands</i>  | <i>Thousands</i> | <i>Thousands</i>  | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i>  |
| AR .....                 | 478              | 398               | 499              | 349               | 497              | 336              | 431              | 333               |
| CO .....                 | 664              | 626               | 646              | 570               | 626              | 583              | 645              | 504               |
| IL .....                 | 1,838            | 1,770             | 1,936            | 1,914             | 1,869            | 1,814            | 1,859            | 1,814             |
| IN .....                 | 1,349            | 1,328             | 1,364            | 1,298             | 1,305            | 1,343            | 1,269            | 1,283             |
| IA .....                 | 3,526            | 3,485             | 4,019            | 4,089             | 3,784            | 3,741            | 3,740            | 3,872             |
| KS .....                 | 664              | 646               | 718              | 706               | 718              | 674              | 687              | 705               |
| MI .....                 | 450              | 378               | 434              | 414               | 489              | 405              | 382              | 449               |
| MN .....                 | 2,288            | 2,332             | 2,417            | 2,506             | 2,345            | 2,403            | 2,448            | 2,520             |
| MO .....                 | 1,530            | 1,505             | 1,629            | 1,479             | 1,539            | 1,522            | 1,522            | 1,593             |
| NE .....                 | 1,584            | 1,531             | 1,665            | 1,602             | 1,575            | 1,540            | 1,629            | 1,575             |
| NC .....                 | 4,833            | 4,770             | 4,950            | 4,860             | 5,096            | 4,950            | 4,770            | 4,914             |
| OH .....                 | 662              | 650               | 671              | 657               | 694              | 668              | 646              | 651               |
| OK .....                 | 1,488            | 1,496             | 1,460            | 1,558             | 1,539            | 1,620            | 1,502            | 1,610             |
| PA .....                 | 466              | 456               | 461              | 456               | 477              | 479              | 477              | 485               |
| SD .....                 | 623              | 579               | 607              | 619               | 624              | 605              | 549              | 637               |
| TX .....                 | 387              | 376               | 401              | 441               | 448              | 418              | 407              | 271               |
| WI .....                 | 237              | 249               | 248              | 245               | 217              | 249              | 244              | 226               |
| Oth Sts <sup>2</sup> ... | 1,790            | 1,784             | 1,876            | 1,820             | 1,883            | 1,800            | 1,887            | 1,872             |
| US .....                 | 24,857           | 24,359            | 26,001           | 25,583            | 25,725           | 25,150           | 25,094           | 25,314            |

<sup>1</sup> Preliminary. Totals may not add due to rounding. <sup>2</sup> Individual State estimates not available for the 33 other States. NASS, Livestock Branch, (202) 720-3570.

**Table 7-32.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1993–2002**

| Year                    | Mar-<br>ketings <sup>1</sup> | Shipped<br>in for<br>feeding<br>and<br>breeding | Farm<br>slaugh-<br>ter <sup>2</sup> | Quantity<br>produced<br>(live weight) <sup>3</sup> | Value of<br>production <sup>4</sup> | Cash re-<br>ceipts from<br>sales of<br>hogs, pork,<br>and lard <sup>5</sup> | Value of<br>hogs<br>slaugh-<br>tered for<br>home<br>consump-<br>tion | Gross<br>income <sup>6</sup> | Average<br>price per<br>100<br>pounds<br>received<br>by<br>farmers |
|-------------------------|------------------------------|---|-------------------------------------|--|-------------------------------------|---|--|------------------------------|--|
|                         | 1,000<br>head                | 1,000<br>head                                   | 1,000<br>head                       | 1,000<br>pounds                                    | 1,000<br>dollars                    | 1,000<br>dollars  | 1,000<br>dollars   | 1,000<br>dollars             | Dollars  |
| 1993 .....              | 98,390                       | 5,471   | 219                                 | 23,776,854   | 10,662,125                          | 10,948,792  | 46,256   | 10,995,048                   | 45.20  |
| 1994 .....              | 101,121                      | 6,202   | 193                                 | 24,447,634   | 9,693,542                           | 9,898,265   | 43,899   | 9,942,164                    | 39.90  |
| 1995 .....              | 103,007                      | 7,557   | 188                                 | 24,426,543   | 9,829,498                           | 10,254,866  | 41,849   | 10,296,715                   | 40.50  |
| 1996 .....              | 101,468                      | 10,036  | 176                                 | 23,080,309   | 11,902,326                          | 12,565,187  | 49,413   | 12,614,600                   | 51.90  |
| 1997 .....              | 104,301                      | 14,935  | 161                                 | 23,979,220   | 12,551,845                          | 13,053,680  | 48,320   | 13,102,000                   | 52.90  |
| 1998 .....              | 117,240                      | 19,371  | 163                                 | 25,714,706   | 8,673,713                           | 9,444,082   | 34,374   | 9,478,456                    | 34.40  |
| 1999 .....              | 121,137                      | 22,636  | 141                                 | 25,790,623   | 7,766,241                           | 8,621,759   | 28,381   | 8,650,140                    | 30.30  |
| 2000 .....              | 118,541                      | 24,525  | 125                                 | 25,730,208   | 10,817,518                          | 11,803,046  | 34,720   | 11,837,766                   | 42.30  |
| 2001 .....              | 119,262                      | 26,889  | 119                                 | 25,883,857   | 11,430,029                          | 12,426,680  | 35,567   | 12,462,247                   | 44.30  |
| 2002 <sup>7</sup> ..... | 123,677                      | 29,301  | 114                                 | 26,253,962   | 8,679,342                           | 9,625,707   | 25,585   | 9,651,292                    | 33.40  |

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. <sup>2</sup> Excludes custom slaughtered for farmers at commercial establishments. <sup>3</sup> Adjustments made for changes in inventory and for inshipments. <sup>4</sup> Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. <sup>5</sup> Receipts from marketings and sale of farm slaughter includes allowance for higher average price of State outshipments of feeder pigs. <sup>6</sup> Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption. <sup>7</sup> Preliminary.

NASS Livestock Branch, (202) 720–3570.

**Table 7-33.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1994–2003<sup>1</sup>**

| Year       | Receipts at selected public stockyards |                |                         |   | Direct<br>receipts in<br>interior<br>Iowa and<br>Southern<br>Minnesota <sup>4</sup> |
|------------|--|----------------|-------------------------|---|---|
|            | South St.<br>Joseph                    | South St. Paul | All<br>others reporting | Total markets<br>reporting <sup>2,3</sup> |   |
|            | Thousands                              | Thousands      | Thousands               | Thousands                                 | Thousands   |
| 1994 ..... | 451                                    | 406            | 1,368                   | 3,018                                     | 28,669  |
| 1995 ..... | 371                                    | 363            | 1,132                   | 2,517                                     | 28,545  |
| 1996 ..... | 259                                    | 330            | 937                     | 1,972                                     | 27,199  |
| 1997 ..... | 192                                    | 258            | 734                     | 1,479                                     | 28,624  |
| 1998 ..... | 158                                    | 265            | 565                     | 988                                       | 34,082  |
| 1999 ..... | 107                                    | 237            | 1,225                   | 1,569                                     | 33,281  |
| 2000 ..... | 59                                     | 203            | 998                     | 1,260                                     | 36,504  |
| 2001 ..... | 85                                     | 206            | 383                     | 674                                       | 2,998   |
| 2002 ..... | 16                                     | 154            | 376                     | 546                                       | 4,486   |
| 2003 ..... | 54                                     | 124            | 313                     | 491                                       | 5,128   |

<sup>1</sup> Total rail and truck receipts. Saleable receipts 1978 on. <sup>2</sup> Rounded total of complete figures. <sup>3</sup> The number of stockyards reporting varies from 25 to 55. <sup>4</sup> Covers receipts at 14 packing plants and 30 concentration yards.

Prior to 1994 includes numbers from the following areas: Kansas City, National Stockyards and Fort Worth.

AMS, Livestock & Grain Market News, (202) 720–7316. Compiled from reports received from stockyard companies.

**Table 7-34.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, United States, 1993–2002**

| Year       | Hog-corn price ratio <sup>1</sup> | Price of corn per bushel <sup>2</sup> |
|------------|-----------------------------------|---------------------------------------|
|            |                                   | Dollars                               |
| 1993 ..... | 20.5                              | 2.22                                  |
| 1994 ..... | 16.4                              | 2.41                                  |
| 1995 ..... | 16.4                              | 2.56                                  |
| 1996 ..... | 15.4                              | 3.55                                  |
| 1997 ..... | 20.1                              | 2.60                                  |
| 1998 ..... | 14.7                              | 2.20                                  |
| 1999 ..... | 17.3                              | 1.89                                  |
| 2000 ..... | 23.3                              | 1.86                                  |
| 2001 ..... | 23.4                              | 1.97                                  |
| 2002 ..... | 15.9                              | 2.35                                  |

<sup>1</sup> Number of bushels of corn equal in value to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is a simple average of monthly ratios for the calendar year. <sup>2</sup> Annual average is a simple average of entire month prices for the calendar year.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–6146.

**Table 7-35.—Hogs: Production, disposition, cash receipts, and gross income, by States, 2002 (preliminary)**

| State    | Marketings <sup>1</sup> | Shipped in for feeding and breeding | Farm slaughter <sup>2</sup> | Quantity produced (live weight) <sup>3</sup> | Value of production <sup>4</sup> | Cash receipts from sales of hogs, pork, and lard <sup>5</sup> | Value of hogs slaughtered for home consumption | Gross income <sup>6</sup> |
|----------|-------------------------|-------------------------------------|-----------------------------|--|----------------------------------|---|--|---------------------------|
|          | 1,000 head              | 1,000 head                          | 1,000 head                  | 1,000 pounds                                 | 1,000 dollars                    | 1,000 dollars   | 1,000 dollars                                  | 1,000 dollars             |
| AL ..... | 356.0                   | 125.0                               | 1.0                         | 48,218                                       | 16,345                           | 20,331  | 180  | 20,511                    |
| AK ..... | 1.9                     | 0.3                                 | 0.5                         | 465  | 259                              | 222   | 51   | 273                       |
| AZ ..... | 244.0                   | 20.0                                | 1.0                         | 55,862                                       | 20,631                           | 22,861  | 186  | 23,047                    |
| AR ..... | 2,164.0                 | 70.0                                | 1.0                         | 294,042                                      | 110,185                          | 123,441   | 350  | 123,791                   |
| CA ..... | 290.0                   | 45.0                                | 5.0                         | 64,405                                       | 21,392                           | 22,188  | 637  | 22,825                    |
| CO ..... | 2,537.0                 | 58.0                                | 1.0                         | 501,394                                      | 185,730                          | 194,234   | 187  | 194,421                   |
| CT ..... | 5.8                     | 0.1                                 | 0.1                         | 1,586  | 571                              | 528   | 34   | 562                       |
| DE ..... | 61.8                    | 2.3                                 | 0.1                         | 5,980  | 2,132                            | 2,582   | 19   | 2,601                     |
| FL ..... | 101.0                   | 8.0                                 | 1.0                         | 18,130                                       | 5,090                            | 5,271   | 53   | 5,324                     |
| GA ..... | 876.0                   | 37.0                                | 2.0                         | 165,562                                      | 58,419                           | 59,616  | 345  | 59,961                    |
| HI ..... | 30.0                    | .....                               | 1.0                         | 5,425  | 4,557                            | 4,788   | 160  | 4,948                     |
| ID ..... | 61.0                    | 21.0                                | 1.0                         | 15,665                                       | 5,440                            | 6,683   | 183  | 6,866                     |
| IL ..... | 8,708.0                 | 1,530.0                             | 3.0                         | 1,809,912                                    | 662,619                          | 722,241   | 689  | 722,930                   |
| IN ..... | 6,354.0                 | 1,290.0                             | 1.0                         | 1,477,938                                    | 454,835                          | 519,589   | 496  | 520,085                   |
| IA ..... | 27,819.0                | 14,800.0                            | 11.0                        | 6,680,690                                    | 2,022,966                        | 2,424,603   | 2,784  | 2,427,387                 |
| KS ..... | 2,971.0                 | 385.0                               | 1.0                         | 656,594                                      | 211,063                          | 225,977   | 326  | 226,303                   |
| KY ..... | 914.0                   | 135.0                               | 5.0                         | 206,900                                      | 64,163                           | 73,504  | 1,229  | 74,733                    |
| LA ..... | 38.0                    | 2.0                                 | 1.0                         | 7,232  | 1,872                            | 2,041   | 53   | 2,094                     |
| ME ..... | 13.0                    | 0.3                                 | 0.2                         | 3,364  | 1,265                            | 1,022   | 274  | 1,296                     |
| MD ..... | 79.7                    | 4.8                                 | 0.3                         | 18,093                                       | 5,669                            | 5,941   | 68   | 6,009                     |
| MA ..... | 22.8                    | 2.2                                 | 0.3                         | 4,952  | 1,733                            | 1,791   | 154  | 1,945                     |
| MI ..... | 2,030.0                 | 235.0                               | 4.0                         | 503,473                                      | 154,926                          | 165,928   | 1,171  | 167,099                   |
| MN ..... | 13,149.0                | 4,550.0                             | 4.0                         | 2,772,757                                    | 928,593                          | 1,067,805   | 1,487  | 1,069,292                 |
| MS ..... | 540.0                   | 113.0                               | 2.0                         | 124,076                                      | 37,590                           | 42,185  | 285  | 42,470                    |
| MO ..... | 7,663.0                 | 1,800.0                             | 1.0                         | 1,188,531                                    | 368,445                          | 427,053   | 706  | 427,759                   |
| MT ..... | 342.0                   | 23.0                                | 2.0                         | 76,600                                       | 26,210                           | 29,361  | 352  | 29,713                    |
| NE ..... | 6,689.0                 | 900.0                               | 1.0                         | 1,495,963                                    | 551,595                          | 584,369   | 936  | 585,305                   |
| NV ..... | 9.8                     | 3.5                                 | 0.3                         | 1,997  | 663                              | 716   | 22   | 738                       |
| NH ..... | 7.9                     | 0.2                                 | 0.2                         | 1,858  | 683                              | 637   | 63   | 700                       |
| NJ ..... | 16.8                    | 2.6                                 | 1.0                         | 2,258  | 569                              | 410   | 92   | 502                       |
| NM ..... | 5.2                     | 3.4                                 | 1.0                         | 964  | 202                              | 269   | 120  | 389                       |
| NY ..... | 109.0                   | 6.0                                 | 1.0                         | 21,201                                       | 6,390                            | 6,424   | 217  | 6,641                     |
| NC ..... | 18,754.0                | 250.0                               | 15.0                        | 3,874,954                                    | 1,392,990                        | 1,407,110   | 1,553  | 1,408,663                 |
| ND ..... | 453.0                   | 20.0                                | 2.0                         | 78,228                                       | 31,055                           | 31,849  | 386  | 32,235                    |
| OH ..... | 3,027.0                 | 490.0                               | 8.0                         | 770,545                                      | 252,148                          | 263,021   | 2,162  | 265,183                   |
| OK ..... | 6,462.0                 | 920.0                               | 2.0                         | 1,072,638                                    | 333,371                          | 378,140   | 415  | 378,555                   |
| OR ..... | 49.0                    | .....                               | 0.8                         | 12,924                                       | 4,808                            | 4,458   | 240  | 4,698                     |
| PA ..... | 1,939.5                 | 156.0                               | 8.5                         | 463,331                                      | 137,242                          | 140,344   | 906  | 141,250                   |
| RI ..... | 4.0                     | 0.1                                 | 0.1                         | 995  | 358                              | 324   | 17   | 341                       |
| SC ..... | 543.5                   | 40.0                                | 1.5                         | 106,459                                      | 36,347                           | 37,548  | 681  | 38,229                    |
| SD ..... | 3,253.5                 | 970.0                               | 2.5                         | 612,668                                      | 211,024                          | 246,481   | 966  | 247,447                   |
| TN ..... | 490.0                   | 80.0                                | 3.0                         | 91,798                                       | 29,785                           | 32,516  | 559  | 33,075                    |
| TX ..... | 1,358.0                 | 46.0                                | 6.0                         | 224,641                                      | 66,104                           | 65,974  | 1,281  | 67,255                    |
| UT ..... | 1,119.0                 | 8.0                                 | 1.0                         | 281,980                                      | 110,574                          | 105,450   | 189  | 105,639                   |
| VT ..... | 6.8                     | 2.0                                 | 0.2                         | 1,563  | 514                              | 541   | 69   | 610                       |
| VA ..... | 544.0                   | 15.0                                | 2.0                         | 138,513                                      | 44,045                           | 44,326  | 911  | 45,237                    |
| WA ..... | 42.4                    | 3.4                                 | 1.5                         | 9,728  | 3,578                            | 3,629   | 290  | 3,919                     |
| WV ..... | 17.8                    | 2.0                                 | 1.0                         | 4,213  | 1,357                            | 1,134   | 311  | 1,445                     |
| WI ..... | 1,047.0                 | 122.0                               | 2.0                         | 230,983                                      | 76,933                           | 83,915  | 380  | 84,295                    |
| WY ..... | 356.5                   | 3.5                                 | 2.0                         | 45,714                                       | 14,307                           | 14,336  | 360  | 14,696                    |
| US ..... | 123,676.7               | 29,300.7                            | 114.1                       | 26,253,962                                   | 8,679,342                        | 9,625,707   | 25,585   | 9,651,292                 |

<sup>1</sup>Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. <sup>2</sup>Excludes custom slaughter for farmers at commercial establishments. <sup>3</sup>Adjustments made for changes in inventory and for inshipments. <sup>4</sup>Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. <sup>5</sup>Receipts from marketings and sale of farm-slaughter. <sup>6</sup>Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

**Table 7-36.—Hogs: Number slaughtered commercially, total and average live weight, by States, 2003 <sup>1</sup>**

| State                    | Number slaughtered | Total live weight   | Average live weight |
|--------------------------|--------------------|---------------------|---------------------|
|                          | <i>Thousands</i>   | <i>1,000 pounds</i> | <i>Pounds</i>       |
| AL .....                 | 113.2              | 58,040              | 513                 |
| AK .....                 |                    |                     |                     |
| AZ .....                 |                    |                     |                     |
| AR .....                 |                    |                     |                     |
| CA .....                 | 2,431.9            | 578,408             | 238                 |
| CO .....                 | 15.2               | 3,978               | 262                 |
| DE and MD .....          | 18.3               | 4,895               | 267                 |
| FL .....                 | 108.2              | 19,081              | 176                 |
| GA .....                 |                    |                     |                     |
| HI .....                 | 29.3               | 6,111               | 209                 |
| ID .....                 |                    |                     |                     |
| IL .....                 | 8,294.8            | 2,278,392           | 275                 |
| IN .....                 | 7,088.9            | 1,846,745           | 261                 |
| IA .....                 | 29,239.1           | 7,788,309           | 266                 |
| KS .....                 | 303.7              | 101,628             | 335                 |
| KY .....                 | 2,331.5            | 616,202             | 264                 |
| LA .....                 | 24.1               | 4,975               | 206                 |
| MI .....                 | 122.1              | 45,855              | 376                 |
| MN .....                 | 8,966.3            | 2,357,330           | 263                 |
| MS .....                 |                    |                     |                     |
| MO .....                 | 2,009.0            |                     |                     |
| MT .....                 | 15.0               | 3,502               | 234                 |
| NE .....                 | 6,873.8            | 1,823,631           | 265                 |
| NV .....                 |                    |                     |                     |
| N ENG <sup>2</sup> ..... | 25.2               | 6,243               | 248                 |
| NJ .....                 | 101.9              | 9,882               | 97                  |
| NM .....                 | 2.6                | 547                 | 212                 |
| NY .....                 | 35.3               | 7,538               | 213                 |
| NC .....                 | 10,874.4           | 2,765,318           | 254                 |
| ND .....                 | 158.2              | 36,344              | 230                 |
| OH .....                 | 1,189.7            | 320,501             | 269                 |
| OK .....                 | 4,653.3            | 1,294,530           | 278                 |
| OR .....                 | 198.6              | 51,457              | 259                 |
| PA .....                 | 2,734.1            | 681,516             | 249                 |
| SC .....                 |                    |                     |                     |
| SD .....                 | 4,589.6            | 1,199,512           | 261                 |
| TN .....                 | 700.7              | 337,868             | 482                 |
| TX .....                 | 406.6              | 114,550             | 282                 |
| UT .....                 | 49.5               | 10,791              | 218                 |
| VA .....                 | 3,866.2            | 992,035             | 257                 |
| WA .....                 | 20.5               | 5,210               | 254                 |
| WV .....                 | 8.8                | 2,183               | 249                 |
| WI .....                 | 485.7              | 214,918             | 443                 |
| WY .....                 | 5.5                | 1,437               | 260                 |
| US <sup>3</sup> .....    | 100,930.7          | 26,875,745          | 266                 |

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Totals may not add due to rounding. <sup>2</sup>CT, ME, MA, NH, RI, and VT. <sup>3</sup>States with no data printed are still included in US total. Data are not printed to avoid disclosing individual operations. NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-37.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected, 1994-2003 <sup>1</sup>**

| Year         | Federally inspected |                  |                     |       |                  |                     |                 |                  |                     |               |                     |                  |
|--------------|---------------------|------------------|---------------------|-------|------------------|---------------------|-----------------|------------------|---------------------|---------------|---------------------|------------------|
|              | Barrows and gilts   |                  |                     | Sows  |                  |                     | Stags and boars |                  |                     | Total         |                     |                  |
|              | Head                | Percent of total | Avg. dressed weight | Head  | Percent of total | Avg. dressed weight | Head            | Percent of total | Avg. dressed weight | Head          | Avg. dressed weight | Avg. live weight |
| <i>1,000</i> |                     | <i>Pounds</i>    | <i>1,000</i>        |       | <i>Pounds</i>    | <i>1,000</i>        |                 | <i>Pounds</i>    | <i>1,000</i>        | <i>Pounds</i> | <i>Pounds</i>       |                  |
| 1994         | 88,615              | 94.8             | 180                 | 3,917 | 4.2              | 294                 | 904             | 1.0              | 219                 | 93,435        | 185                 | 256              |
| 1995         | 89,662              | 95.2             | 181                 | 3,676 | 3.9              | 292                 | 864             | 0.9              | 221                 | 94,203        | 186                 | 257              |
| 1996         | 86,443              | 95.5             | 181                 | 3,425 | 3.8              | 290                 | 667             | 0.7              | 222                 | 90,534        | 186                 | 254              |
| 1997         | 86,587              | 96.0             | 185                 | 3,064 | 3.4              | 291                 | 577             | 0.6              | 220                 | 90,228        | 189                 | 257              |
| 1998         | 95,354              | 96.0             | 185                 | 3,437 | 3.5              | 295                 | 494             | 0.5              | 228                 | 99,285        | 189                 | 257              |
| 1999         | 96,000              | 96.3             | 187                 | 3,336 | 3.3              | 296                 | 404             | 0.4              | 232                 | 99,739        | 191                 | 259              |
| 2000         | 93,115              | 96.6             | 191                 | 3,005 | 3.1              | 309                 | 316             | 0.3              | 226                 | 96,436        | 194                 | 262              |
| 2001         | 93,201              | 96.6             | 193                 | 3,009 | 3.1              | 316                 | 318             | 0.3              | 226                 | 96,528        | 197                 | 265              |
| 2002         | 95,459              | 96.5             | 193                 | 3,185 | 3.2              | 317                 | 271             | 0.3              | 235                 | 98,915        | 197                 | 265              |
| 2003         | 96,242              | 96.2             | 195                 | 3,215 | 3.6              | 315                 | 241             | 0.3              | 241                 | 99,698        | 199                 | 266              |

<sup>1</sup> All weights calculated using unrounded totals. Totals and percentages based on unrounded data and may not equal sum of classes due to rounding. NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-38.—Hogs and pigs: Number of operations and inventory by size groups, selected States, regions, and United States, 2002–2003<sup>1</sup>**

| State                      | Operations having |                   |              |                   |              |                   |                  |                   |                  |                   |             |                   |
|----------------------------|-------------------|-------------------|--------------|-------------------|--------------|-------------------|------------------|-------------------|------------------|-------------------|-------------|-------------------|
|                            | 1–99 head         |                   | 100–499 head |                   | 500–999 head |                   | 1,000–1,999 head |                   | 2,000–4,999 head |                   | 5,000+ head |                   |
|                            | 2002              | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002             | 2003 <sup>2</sup> | 2002             | 2003 <sup>2</sup> | 2002        | 2003 <sup>2</sup> |
|                            | <i>Number</i>     |                   |              |                   |              |                   |                  |                   |                  |                   |             |                   |
| AR .....                   | 650               |                   | 80           |                   | 80           |                   | 90               |                   | 75               |                   | 25          |                   |
| CO .....                   | 315               |                   | 33           |                   | 13           |                   | 10               |                   | 4                |                   | 15          |                   |
| IL .....                   | 1,500             |                   | 1,200        |                   | 700          |                   | 630              |                   | 430              |                   | 140         |                   |
| IN .....                   | 1,400             |                   | 720          |                   | 430          |                   | 430              |                   | 320              |                   | 100         |                   |
| IA .....                   | 1,300             |                   | 3,000        |                   | 2,000        |                   | 1,850            |                   | 1,350            |                   | 500         |                   |
| KS .....                   | 820               |                   | 350          |                   | 110          |                   | 100              |                   | 75               |                   | 45          |                   |
| MI .....                   | 1,500             |                   | 450          |                   | 90           |                   | 100              |                   | 115              |                   | 45          |                   |
| MN .....                   | 1,450             |                   | 2,100        |                   | 1,000        |                   | 700              |                   | 700              |                   | 250         |                   |
| MO .....                   | 1,600             |                   | 500          |                   | 300          |                   | 100              |                   | 210              |                   | 90          |                   |
| NE .....                   | 800               |                   | 900          |                   | 570          |                   | 350              |                   | 190              |                   | 90          |                   |
| NC .....                   | 1,460             |                   | 120          |                   | 90           |                   | 190              |                   | 700              |                   | 640         |                   |
| OH .....                   | 2,800             |                   | 900          |                   | 320          |                   | 270              |                   | 185              |                   | 25          |                   |
| OK .....                   | 2,300             |                   | 110          |                   | 50           |                   | 50               |                   | 50               |                   | 40          |                   |
| PA .....                   | 2,000             |                   | 390          |                   | 190          |                   | 120              |                   | 165              |                   | 35          |                   |
| SD .....                   | 550               |                   | 450          |                   | 220          |                   | 130              |                   | 90               |                   | 60          |                   |
| TX .....                   | 3,680             |                   | 76           |                   | 16           |                   | 5                |                   | 5                |                   | 18          |                   |
| WI .....                   | 1,500             |                   | 500          |                   | 130          |                   | 110              |                   | 50               |                   | 10          |                   |
| Oth Sts <sup>3</sup> ..... | 17,100            |                   | 1,600        |                   | 180          |                   | 200              |                   | 250              |                   | 130         |                   |
| US .....                   | 42,725            |                   | 13,479       |                   | 6,489        |                   | 5,435            |                   | 4,964            |                   | 2,258       |                   |
|                            | <i>Percent</i>    |                   |              |                   |              |                   |                  |                   |                  |                   |             |                   |
| AR .....                   | 2.0               |                   | 3.0          |                   | 9.0          |                   | 21.0             |                   | 39.0             |                   | 26.0        |                   |
| CO .....                   | 0.6               |                   | 0.8          |                   | 1.0          |                   | 1.7              |                   | 1.9              |                   | 94.0        |                   |
| IL .....                   | 0.7               |                   | 6.3          |                   | 11.0         |                   | 19.0             |                   | 30.0             |                   | 33.0        |                   |
| IN .....                   | 1.0               |                   | 5.5          |                   | 9.0          |                   | 17.5             |                   | 29.0             |                   | 38.0        |                   |
| IA .....                   | 0.2               |                   | 5.5          |                   | 8.0          |                   | 17.3             |                   | 26.0             |                   | 43.0        |                   |
| KS .....                   | 1.0               |                   | 4.0          |                   | 4.0          |                   | 9.0              |                   | 14.0             |                   | 68.0        |                   |
| MI .....                   | 1.0               |                   | 7.5          |                   | 6.5          |                   | 12.0             |                   | 34.0             |                   | 39.0        |                   |
| MN .....                   | 1.0               |                   | 6.0          |                   | 9.0          |                   | 15.0             |                   | 25.0             |                   | 44.0        |                   |
| MO .....                   | 1.0               |                   | 4.0          |                   | 6.0          |                   | 4.0              |                   | 20.0             |                   | 65.0        |                   |
| NE .....                   | 0.8               |                   | 8.0          |                   | 13.0         |                   | 15.2             |                   | 21.0             |                   | 42.0        |                   |
| NC .....                   | 0.2               |                   | 0.2          |                   | 0.6          |                   | 2.5              |                   | 20.0             |                   | 76.5        |                   |
| OH .....                   | 4.0               |                   | 14.0         |                   | 15.0         |                   | 26.0             |                   | 31.0             |                   | 10.0        |                   |
| OK .....                   | 1.0               |                   | 1.0          |                   | 1.5          |                   | 2.5              |                   | 5.0              |                   | 89.0        |                   |
| PA .....                   | 3.0               |                   | 9.0          |                   | 11.0         |                   | 16.0             |                   | 40.0             |                   | 21.0        |                   |
| SD .....                   | 1.0               |                   | 9.0          |                   | 11.0         |                   | 11.0             |                   | 21.0             |                   | 47.0        |                   |
| TX .....                   | 2.7               |                   | 2.5          |                   | 1.1          |                   | 0.7              |                   | 2.0              |                   | 91.0        |                   |
| WI .....                   | 6.0               |                   | 19.0         |                   | 15.0         |                   | 25.0             |                   | 22.0             |                   | 13.0        |                   |
| Oth Sts <sup>3</sup> ..... | 1.5               |                   | 4.5          |                   | 2.5          |                   | 5.5              |                   | 14.0             |                   | 72.0        |                   |
| US .....                   | 1.0               |                   | 5.0          |                   | 7.0          |                   | 12.0             |                   | 22.0             |                   | 53.0        |                   |

<sup>1</sup> An operation is any place having one or more head of hogs and pigs on hand at any time during the year. Percents reflect average distributions based primarily on mid-year surveys. <sup>2</sup> The number of operations for 2003 was not available at press time. <sup>3</sup> Individual State estimates not available for the 33 other States.

NASS, Livestock Branch, (202) 720–3570.

**Table 7-39.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1993–2002**

| Year       | Supply                |                       |                       |                       |                               |                       | Disposition           |                        |               |     |
|------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------------|-----------------------|-----------------------|------------------------|---------------|-----|
|            | Production            |                       |                       |                       | Stocks<br>Jan. 1 <sup>1</sup> | Total <sup>2</sup>    | Exports               | Domestic disappearance |               |     |
|            | Federally inspected   | Other commercial      | Farm                  | Total                 |                               |                       |                       | Total                  | Direct use    |     |
|            |                       |                       |                       |                       | Total                         | Total                 | Per civilian          |                        |               |     |
|            | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i>         | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i>  | <i>Pounds</i> |     |
| 1993 ..... |                       |                       |                       | 1,005                 | 23                            | 1,031                 | 114                   | 879                    | 299           | 1.1 |
| 1994 ..... |                       |                       |                       | 1,034                 | 38                            | 1,074                 | 137                   | 896                    | 471           | 1.8 |
| 1995 ..... |                       |                       |                       | 1,040                 | 41                            | 1,082                 | 124                   | 920                    | 430           | 1.6 |
| 1996 ..... |                       |                       |                       | 998                   | 38                            | 1,038                 | 101                   | 918                    | 468           | 1.7 |
| 1997 ..... |                       |                       |                       | 993                   | 19                            | 1,013                 | 90                    | 901                    | 518           | 1.9 |
| 1998 ..... |                       |                       |                       | 1,091                 | 22                            | 1,116                 | 131                   | 956                    | 541           | 2.0 |
| 1999 ..... |                       |                       |                       | 1,097                 | 28                            | 1,127                 | 147                   | 953                    | 547           | 2.0 |
| 2000 ..... |                       |                       |                       | 1,058                 | 27                            | 1,087                 | 174                   | 895                    | 549           | 1.9 |
| 2001 ..... |                       |                       |                       | 1,058                 | 18                            | 1,080                 | 103                   | 963                    | 661           | 2.3 |
| 2002 ..... |                       |                       |                       | 1,083                 | 18                            | 1,109                 | 84                    | 1,012                  | 706           | 2.4 |

<sup>1</sup> Factory and warehouse stocks as reported by the Bureau of the Census. <sup>2</sup> Includes imports, which were less than 500,000 pounds.

ERS, Field Crops Branch, (202) 694–5300. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers.

**Table 7-40.—Lard, including rendered pork fat: United States exports by country of destination, 1999–2002**

| Country                        | 1999               | 2000               | 2001               | 2002 <sup>1</sup>  |
|--------------------------------|--------------------|--------------------|--------------------|--------------------|
|                                | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| Mexico .....                   | 31,984             | 45,688             | 29,248             | 23,795             |
| Canada .....                   | 11,928             | 9,270              | 9,270              | 6,322              |
| Taiwan .....                   | 8,688              | 6,352              | 6,084              | 4,708              |
| Belize .....                   | 1,122              | 811                | 861                | 353                |
| Honduras .....                 | 38                 | 19                 | 472                | 0                  |
| Korea, Republic of .....       | 463                | 1,113              | 300                | 950                |
| Trinidad and Tobago .....      | 0                  | 0                  | 95                 | 19                 |
| Japan .....                    | 73                 | 134                | 76                 | 97                 |
| Bahamas, the .....             | 6                  | 64                 | 58                 | 5                  |
| Hong Kong .....                | 5,857              | 10,593             | 55                 | 126                |
| Haiti .....                    | 39                 | 114                | 53                 | 187                |
| Saudi Arabia .....             | 0                  | 20                 | 40                 | 103                |
| Micronesia, Federation .....   | 0                  | 0                  | 39                 | 0                  |
| South Africa, Republic .....   | 20                 | 4                  | 32                 | 26                 |
| Netherlands Antilles .....     | 194                | 35                 | 30                 | 25                 |
| Jamaica .....                  | 2,329              | 830                | 24                 | 32                 |
| Panama .....                   | 205                | 1,065              | 22                 | 0                  |
| Guatemala .....                | 58                 | 18                 | 20                 | 56                 |
| China, Peoples Republic .....  | 1,136              | 0                  | 20                 | 0                  |
| Colombia .....                 | 23                 | 16                 | 17                 | 0                  |
| Lebanon .....                  | 0                  | 15                 | 17                 | 0                  |
| Marshal Islands .....          | 0                  | 8                  | 9                  | 0                  |
| Chile .....                    | 0                  | 18                 | 8                  | 0                  |
| Kuwait .....                   | 0                  | 0                  | 8                  | 0                  |
| European Union .....           | 0                  | 14                 | 6                  | 7                  |
| Others .....                   | 2,705              | 2,731              | 3                  | 1419               |
| Grand total <sup>2</sup> ..... | 66,867             | 78,930             | 46,869             | 38,230             |

<sup>1</sup> Final. <sup>2</sup> May not add due to rounding.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8031. Compiled from reports of the U.S. Department of Commerce.

**Table 7-41.—Sheep and lambs: Number and value, United States, Jan. 1, 1995–2004**

| Year                    | Number           | Value          |                      |
|-------------------------|------------------|----------------|----------------------|
|                         |                  | Per head       | Total                |
|                         | <i>Thousands</i> | <i>Dollars</i> | <i>1,000 dollars</i> |
| 1995 .....              | 8,989            | 74.70          | 663,449              |
| 1996 .....              | 8,465            | 86.50          | 732,197              |
| 1997 .....              | 8,024            | 96.00          | 761,650              |
| 1998 .....              | 7,825            | 102.00         | 797,826              |
| 1999 .....              | 7,215            | 88.00          | 637,634              |
| 2000 .....              | 7,032            | 95.00          | 668,750              |
| 2001 .....              | 6,965            | 100.00         | 694,495              |
| 2002 .....              | 6,685            | 94.00          | 618,123              |
| 2003 <sup>1</sup> ..... | 6,300            | 104.00         | 654,288              |
| 2004 <sup>1</sup> ..... | 6,090            | 118.00         | 721,314              |

<sup>1</sup> Preliminary.  
NASS, Livestock Branch, (202) 720-3570.

**Table 7-42.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1995–2004**

| Year                      | All sheep and lambs | Sheep and lambs on feed | Breeding sheep     |                  |                  |                  |                  |
|---------------------------|---------------------|-------------------------|--------------------|------------------|------------------|------------------|------------------|
|                           |                     |                         | Total <sup>4</sup> | Lambs            |                  | 1 year and over  |                  |
|                           |                     |                         |                    | Ewes             | Rams             | Ewes             | Rams             |
|                           | <i>Thousands</i>    | <i>Thousands</i>        | <i>Thousands</i>   | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> |
| 1995 <sup>1</sup> .....   | 8,989               | ( <sup>3</sup> )        | 6,518              | 857              | ( <sup>5</sup> ) | 5,404            | 257              |
| 1996 <sup>1</sup> .....   | 8,465               | ( <sup>3</sup> )        | 6,226              | 858              | ( <sup>5</sup> ) | 5,134            | 234              |
| 1997 <sup>1</sup> .....   | 8,024               | ( <sup>3</sup> )        | 5,919              | 787              | ( <sup>5</sup> ) | 4,912            | 220              |
| 1998 <sup>1</sup> .....   | 7,825               | ( <sup>3</sup> )        | 5,611              | 839              | ( <sup>5</sup> ) | 4,570            | 203              |
| 1999 <sup>1</sup> .....   | 7,215               | ( <sup>3</sup> )        | 5,299              | 774              | ( <sup>5</sup> ) | 4,322            | 203              |
| 2000 <sup>1</sup> .....   | 7,032               | ( <sup>3</sup> )        | 5,164              | 730              | ( <sup>5</sup> ) | 4,229            | 206              |
| 2001 <sup>1</sup> .....   | 6,965               | ( <sup>3</sup> )        | 4,967              | 675              | ( <sup>5</sup> ) | 4,091            | 201              |
| 2002 <sup>1</sup> .....   | 6,685               | ( <sup>3</sup> )        | 4,913              | 734              | ( <sup>5</sup> ) | 3,980            | 200              |
| 2003 <sup>1,2</sup> ..... | 6,300               | ( <sup>3</sup> )        | 4,658              | 695              | ( <sup>5</sup> ) | 3,770            | 193              |
| 2004 <sup>1,2</sup> ..... | 6,090               | ( <sup>3</sup> )        | 4,480              | 691              | ( <sup>5</sup> ) | 3,601            | 189              |

<sup>1</sup> Includes new crop lambs. <sup>2</sup> Preliminary. <sup>3</sup> Discontinued. <sup>4</sup> Categories may not add to total due to rounding. <sup>5</sup> Combined with ewes.  
NASS, Livestock Branch, (202) 720-3570.



**Table 7-43.—Breeding sheep: Number, by classes, by States, Jan. 1, 2003 and 2004**

| State                           | Lambs      |                   | One year and over |                   |            |                   |
|---------------------------------|------------|-------------------|-------------------|-------------------|------------|-------------------|
|                                 | Breeding   |                   | Ewes              |                   | Rams       |                   |
|                                 | 2003       | 2004 <sup>1</sup> | 2003              | 2004 <sup>1</sup> | 2003       | 2004 <sup>1</sup> |
|                                 | 1,000 head | 1,000 head        | 1,000 head        | 1,000 head        | 1,000 head | 1,000 head        |
| AZ .....                        | 57.0       | 57.0              | 49.0              | 48.0              | 3.0        | 3.0               |
| CA .....                        | 350.0      | 325.0             | 290.0             | 275.0             | 10.0       | 10.0              |
| CO .....                        | 185.0      | 170.0             | 155.0             | 139.0             | 6.0        | 5.0               |
| ID .....                        | 225.0      | 225.0             | 184.0             | 184.0             | 5.0        | 5.0               |
| IL .....                        | 56.0       | 53.0              | 42.0              | 40.0              | 3.0        | 3.0               |
| IN .....                        | 45.0       | 40.0              | 34.0              | 30.0              | 2.5        | 3.0               |
| IA .....                        | 175.0      | 180.0             | 140.0             | 147.0             | 7.0        | 7.0               |
| KS .....                        | 56.0       | 64.0              | 47.0              | 53.0              | 2.5        | 2.5               |
| MI .....                        | 63.0       | 59.0              | 48.0              | 43.0              | 3.0        | 3.0               |
| MN .....                        | 105.0      | 100.0             | 85.0              | 80.0              | 5.0        | 5.0               |
| MO .....                        | 60.0       | 54.0              | 48.0              | 45.0              | 3.0        | 2.5               |
| MT .....                        | 280.0      | 280.0             | 220.0             | 220.0             | 8.0        | 7.0               |
| NE .....                        | 77.0       | 81.0              | 63.0              | 67.0              | 3.0        | 4.0               |
| NV .....                        | 70.0       | 64.0              | 55.0              | 52.0              | 2.0        | 2.0               |
| N ENG <sup>2</sup> .....        | 40.0       | 37.0              | 29.0              | 28.0              | 3.0        | 2.0               |
| NM .....                        | 140.0      | 133.0             | 115.0             | 108.0             | 7.0        | 7.0               |
| NY .....                        | 55.0       | 54.0              | 42.0              | 41.0              | 3.0        | 3.0               |
| ND .....                        | 84.0       | 71.0              | 71.0              | 57.0              | 2.5        | 2.0               |
| OH .....                        | 125.0      | 119.0             | 97.0              | 94.0              | 6.0        | 5.0               |
| OK .....                        | 60.0       | 55.0              | 48.0              | 43.0              | 3.0        | 3.0               |
| OR .....                        | 157.0      | 145.0             | 125.0             | 112.0             | 7.0        | 7.0               |
| PA .....                        | 82.0       | 71.0              | 64.0              | 55.0              | 6.0        | 5.0               |
| SD .....                        | 315.0      | 290.0             | 265.0             | 240.0             | 10.0       | 9.0               |
| TX .....                        | 820.0      | 840.0             | 660.0             | 675.0             | 40.0       | 45.0              |
| UT .....                        | 280.0      | 235.0             | 240.0             | 195.0             | 9.0        | 7.0               |
| VA .....                        | 48.0       | 43.0              | 38.0              | 34.0              | 3.5        | 2.5               |
| WA .....                        | 46.0       | 40.0              | 37.0              | 32.0              | 2.0        | 2.0               |
| WV .....                        | 29.0       | 30.0              | 23.0              | 25.0              | 1.0        | 1.0               |
| WI .....                        | 68.0       | 68.0              | 53.0              | 52.0              | 3.0        | 3.0               |
| WY .....                        | 360.0      | 340.0             | 295.0             | 270.0             | 10.0       | 9.0               |
| Other States <sup>3</sup> ..... | 145.0      | 157.0             | 108.0             | 117.0             | 14.0       | 14.0              |
| US .....                        | 4,658.0    | 4,480.0           | 3,770.0           | 3,601.0           | 193.0      | 188.5             |

<sup>1</sup> Preliminary. <sup>2</sup> N ENG includes CT, ME, MA, NH, RI, and VT. <sup>3</sup> Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 7-44.—Sheep and lambs: Average price per 100 pounds at San Angelo, 1994-2003<sup>1</sup>**

| Year       | Sheep |         |       | Slaughter lambs |        |        |        |
|------------|-------|---------|-------|-----------------|--------|--------|--------|
|            | Good  | Utility | Cull  | Shorn           |        | Spring |        |
|            |       |         |       | Prime           | Choice | Prime  | Choice |
| 1994 ..... | 40.19 | 36.06   | 27.81 | 66.15           | 66.15  | .....  | .....  |
| 1995 ..... | 33.97 | 35.61   | 29.07 | 75.71           | 75.71  | 77.91  | 77.91  |
| 1996 ..... | 34.50 | 35.38   | 23.96 | 85.68           | 85.68  | 82.00  | 82.00  |
| 1997 ..... | 49.24 | 46.53   | 32.80 | 89.26           | 89.26  | 89.20  | 89.20  |
| 1998 ..... | 40.11 | 39.01   | 26.53 | 71.79           | 71.79  | 74.37  | 74.37  |
| 1999 ..... | 41.71 | 41.21   | 27.72 | 76.37           | 65.92  | 76.39  | 66.42  |
| 2000 ..... | 45.37 | 42.53   | 29.84 | 80.36           | 80.36  | 80.10  | 80.10  |
| 2001 ..... | 44.14 | 45.11   | 30.49 | 70.05           | 70.05  | 69.78  | 69.78  |
| 2002 ..... | 38.04 | 39.26   | 24.51 | 71.69           | 71.69  | 72.09  | 72.09  |
| 2003 ..... | 41.33 | 44.65   | 31.32 | 91.90           | 91.90  | 92.13  | 92.14  |

<sup>1</sup> Simple average of monthly bulk-of-sales prices from data of the livestock reporting service. 1995 to present price reflects woolled lamb as well as the weight range of 110-130.  
 AMS, Livestock & Grain Market News, (202) 720-7316.

**Table 7-45.—Sheep and lambs: Number of breeding sheep and market, by States, Jan. 1, 2003–2004**

| State                           | Breeding sheep and lambs |                   | Market sheep and lambs |                   |
|---------------------------------|--------------------------|-------------------|------------------------|-------------------|
|                                 | 2003                     | 2004 <sup>1</sup> | 2003                   | 2004 <sup>1</sup> |
|                                 | <i>1,000 head</i>        | <i>1,000 head</i> | <i>1,000 head</i>      | <i>1,000 head</i> |
| AZ .....                        | 57.0                     | 57.0              | 58.0                   | 57.0              |
| CA .....                        | 350.0                    | 325.0             | 380.0                  | 355.0             |
| CO .....                        | 185.0                    | 170.0             | 195.0                  | 190.0             |
| ID .....                        | 225.0                    | 225.0             | 35.0                   | 35.0              |
| IL .....                        | 56.0                     | 53.0              | 12.0                   | 10.0              |
| IN .....                        | 45.0                     | 40.0              | 5.0                    | 5.0               |
| IA .....                        | 175.0                    | 180.0             | 80.0                   | 70.0              |
| KS .....                        | 56.0                     | 64.0              | 34.0                   | 36.0              |
| MI .....                        | 63.0                     | 59.0              | 22.0                   | 24.0              |
| MN .....                        | 105.0                    | 100.0             | 40.0                   | 40.0              |
| MO .....                        | 60.0                     | 54.0              | 7.0                    | 6.0               |
| MT .....                        | 280.0                    | 280.0             | 30.0                   | 20.0              |
| NE .....                        | 77.0                     | 81.0              | 20.0                   | 21.0              |
| NV .....                        | 70.0                     | 64.0              | 10.0                   | 11.0              |
| N ENG <sup>2</sup> .....        | 40.0                     | 37.0              | 7.0                    | 6.0               |
| NM .....                        | 140.0                    | 133.0             | 35.0                   | 27.0              |
| NY .....                        | 55.0                     | 54.0              | 17.0                   | 16.0              |
| ND .....                        | 84.0                     | 71.0              | 31.0                   | 26.0              |
| OH .....                        | 125.0                    | 119.0             | 25.0                   | 21.0              |
| OK .....                        | 60.0                     | 55.0              | 15.0                   | 15.0              |
| OR .....                        | 157.0                    | 145.0             | 78.0                   | 70.0              |
| PA .....                        | 82.0                     | 71.0              | 13.0                   | 14.0              |
| SD .....                        | 315.0                    | 290.0             | 65.0                   | 80.0              |
| TX .....                        | 820.0                    | 840.0             | 220.0                  | 260.0             |
| UT .....                        | 280.0                    | 235.0             | 30.0                   | 30.0              |
| VA .....                        | 48.0                     | 43.0              | 14.0                   | 12.0              |
| WA .....                        | 46.0                     | 40.0              | 9.0                    | 6.0               |
| WV .....                        | 29.0                     | 30.0              | 5.0                    | 4.0               |
| WI .....                        | 68.0                     | 68.0              | 15.0                   | 15.0              |
| WY .....                        | 360.0                    | 340.0             | 100.0                  | 90.0              |
| Other States <sup>3</sup> ..... | 145.0                    | 157.0             | 35.0                   | 38.0              |
| US .....                        | 4,658.0                  | 4,480.0           | 1,642.0                | 1,610.0           |

<sup>1</sup> Preliminary. <sup>2</sup> N ENG includes CT, ME, MA, NH, RI, and VT. <sup>3</sup> Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 7-46.—Lamb crop: Per 100 ewes 1+, number and percent of previous year, by State, and United States, 2002–2003**

| State                           | Breeding ewes 1 year & older, Jan. 1 |                   | Lambs per 100 ewes 1+, Jan. 1 |                   | Lamb crop <sup>1</sup> |                   |                   |
|---------------------------------|--------------------------------------|-------------------|-------------------------------|-------------------|------------------------|-------------------|-------------------|
|                                 | 2002                                 | 2003 <sup>2</sup> | 2002                          | 2003 <sup>2</sup> | 2002                   | 2003 <sup>2</sup> | 2003 as % of 2002 |
|                                 | <i>1,000 head</i>                    | <i>1,000 head</i> | <i>Percent</i>                | <i>Percent</i>    | <i>1,000 head</i>      | <i>1,000 head</i> | <i>Percent</i>    |
| AZ .....                        | 57.0                                 | 49.0              | 60                            | 69                | 34.0                   | 34.0              | 100               |
| CA .....                        | 310.0                                | 290.0             | 90                            | 90                | 280.0                  | 260.0             | 93                |
| CO .....                        | 170.0                                | 155.0             | 118                           | 116               | 200.0                  | 180.0             | 90                |
| ID .....                        | 184.0                                | 184.0             | 130                           | 130               | 240.0                  | 240.0             | 100               |
| IL .....                        | 44.0                                 | 42.0              | 134                           | 136               | 59.0                   | 57.0              | 97                |
| IN .....                        | 39.0                                 | 34.0              | 121                           | 118               | 47.0                   | 40.0              | 85                |
| IA .....                        | 142.0                                | 140.0             | 151                           | 157               | 215.0                  | 220.0             | 102               |
| KS .....                        | 53.0                                 | 47.0              | 117                           | 140               | 62.0                   | 66.0              | 106               |
| MI .....                        | 40.0                                 | 48.0              | 150                           | 125               | 60.0                   | 60.0              | 100               |
| MN .....                        | 95.0                                 | 85.0              | 153                           | 159               | 145.0                  | 135.0             | 93                |
| MO .....                        | 46.0                                 | 48.0              | 130                           | 115               | 60.0                   | 55.0              | 92                |
| MT .....                        | 232.0                                | 220.0             | 127                           | 127               | 295.0                  | 280.0             | 95                |
| NE .....                        | 58.0                                 | 63.0              | 145                           | 140               | 84.0                   | 88.0              | 105               |
| NV .....                        | 69.0                                 | 55.0              | 90                            | 109               | 62.0                   | 60.0              | 97                |
| N ENG <sup>3</sup> .....        | 32.0                                 | 29.0              | 119                           | 117               | 38.0                   | 34.0              | 89                |
| NM .....                        | 150.0                                | 115.0             | 67                            | 86                | 100.0                  | 99.0              | 99                |
| NY .....                        | 40.0                                 | 42.0              | 128                           | 121               | 51.0                   | 51.0              | 100               |
| ND .....                        | 85.0                                 | 71.0              | 118                           | 113               | 100.0                  | 80.0              | 80                |
| OH .....                        | 93.0                                 | 97.0              | 145                           | 135               | 135.0                  | 131.0             | 97                |
| OK .....                        | 36.0                                 | 48.0              | 144                           | 100               | 52.0                   | 48.0              | 92                |
| OR .....                        | 134.0                                | 125.0             | 112                           | 112               | 150.0                  | 140.0             | 93                |
| PA .....                        | 55.0                                 | 64.0              | 153                           | 130               | 84.0                   | 83.0              | 99                |
| SD .....                        | 265.0                                | 265.0             | 123                           | 113               | 325.0                  | 300.0             | 92                |
| TX .....                        | 720.0                                | 660.0             | 75                            | 79                | 540.0                  | 520.0             | 96                |
| UT .....                        | 275.0                                | 240.0             | 100                           | 100               | 275.0                  | 240.0             | 87                |
| VA .....                        | 37.0                                 | 38.0              | 149                           | 113               | 55.0                   | 43.0              | 78                |
| WA .....                        | 36.0                                 | 37.0              | 164                           | 149               | 59.0                   | 55.0              | 93                |
| WV .....                        | 24.0                                 | 23.0              | 138                           | 143               | 33.0                   | 33.0              | 100               |
| WI .....                        | 52.0                                 | 53.0              | 140                           | 140               | 73.0                   | 74.0              | 101               |
| WY .....                        | 320.0                                | 295.0             | 106                           | 105               | 340.0                  | 310.0             | 91                |
| Other States <sup>4</sup> ..... | 87.0                                 | 108.0             | 120                           | 96                | 104.0                  | 104.0             | 100               |
| US .....                        | 3,980.0                              | 3,770.0           | 109                           | 109               | 4,357.0                | 4,120.0           | 95                |

<sup>1</sup>Lamb crop defined as lambs born in the Eastern States and lambs docked or branded in the Western States. <sup>2</sup>Preliminary. <sup>3</sup>N ENG includes CT, ME, MA, NH, RI, and VT. <sup>4</sup>Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-47.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1993–2002**

| Year                    | Lamb crop <sup>1</sup> | Marketings <sup>2</sup> |                   | Inshipments       | Farm slaughter    | Production (live weight) <sup>3</sup> |
|-------------------------|------------------------|-------------------------|-------------------|-------------------|-------------------|---------------------------------------|
|                         |                        | Sheep                   | Lambs             |                   |                   |                                       |
|                         | <i>1,000 head</i>      | <i>1,000 head</i>       | <i>1,000 head</i> | <i>1,000 head</i> | <i>1,000 head</i> | <i>1,000 pounds</i>                   |
| 1993 .....              | 6,377                  | 1,911                   | 6,636             | 2,399             | 75                | 739,329                               |
| 1994 .....              | 5,968                  | 1,465                   | 6,469             | 2,149             | 82                | 634,647                               |
| 1995 .....              | 5,643                  | 1,052                   | 6,286             | 2,141             | 76                | 602,011                               |
| 1996 .....              | 5,361                  | 938                     | 6,069             | 2,196             | 71                | 572,344                               |
| 1997 .....              | 5,356                  | 1,015                   | 5,676             | 2,055             | 71                | 602,535                               |
| 1998 .....              | 5,007                  | 992                     | 5,505             | 1,744             | 73                | 554,918                               |
| 1999 .....              | 4,733                  | 790                     | 5,208             | 1,891             | 67                | 533,610                               |
| 2000 .....              | 4,622                  | 788                     | 4,827             | 1,763             | 69                | 508,935                               |
| 2001 .....              | 4,495                  | 711                     | 4,795             | 1,543             | 66                | 495,582                               |
| 2002 <sup>4</sup> ..... | 4,360                  | 869                     | 4,810             | 1,742             | 65                | 484,004                               |

  

| Year                    | Value of production  | Cash receipts <sup>5</sup> | Value of home consumption | Gross income <sup>6</sup> | Average price per 100 pounds received by farmers |                |
|-------------------------|----------------------|----------------------------|---------------------------|---------------------------|--|----------------|
|                         |                      |                            |                           |                           | Sheep  | Lambs          |
|                         | <i>1,000 dollars</i> | <i>1,000 dollars</i>       | <i>1,000 dollars</i>      | <i>1,000 dollars</i>      | <i>Dollars</i>                                   | <i>Dollars</i> |
| 1993 .....              | 413,756              | 533,930                    | 8,753                     | 542,683                   | 28.60  | 64.40          |
| 1994 .....              | 364,477              | 510,289                    | 9,147                     | 519,786                   | 30.90  | 65.60          |
| 1995 .....              | 414,366              | 566,240                    | 10,387                    | 576,627                   | 28.00  | 78.20          |
| 1996 .....              | 440,686              | 612,345                    | 10,690                    | 623,035                   | 29.90  | 88.20          |
| 1997 .....              | 489,564              | 635,451                    | 11,363                    | 646,814                   | 37.90  | 90.30          |
| 1998 .....              | 354,437              | 484,515                    | 8,518                     | 493,033                   | 30.60  | 72.30          |
| 1999 .....              | 348,742              | 469,066                    | 8,456                     | 477,522                   | 31.10  | 74.50          |
| 2000 .....              | 361,231              | 470,176                    | 9,429                     | 479,605                   | 34.30  | 79.80          |
| 2001 .....              | 298,386              | 397,331                    | 8,226                     | 405,557                   | 34.60  | 66.90          |
| 2002 <sup>4</sup> ..... | 313,049              | 430,508                    | 8,529                     | 439,037                   | 28.20  | 74.10          |

<sup>1</sup>Lamb crop defined as lambs born in the native States, plus lambs docked or branded in the Western States. <sup>2</sup>Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the State. <sup>3</sup>Adjustments made for changes in inventory and for inshipments. <sup>4</sup>Preliminary. <sup>5</sup>Receipts from marketings and sale of farm-slaughtered meat. <sup>6</sup>Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-48.—Sheep and lambs: Receipts at selected public stockyards, 1994–2003 <sup>1</sup>**

| Year       | Sioux Falls      | South St. Joseph | South St. Paul   | All others reporting | Total markets reporting <sup>2,3</sup> |
|------------|------------------|------------------|------------------|----------------------|--|
|            | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i>     | <i>Thousands</i>                       |
| 1994 ..... | .....            | 80               | 64               | 1,232                | 1,469                                  |
| 1995 ..... | .....            | 7                | 51               | 776                  | 846                                    |
| 1996 ..... | .....            | 8                | 47               | 857                  | 921                                    |
| 1997 ..... | 100              | 8                | 47               | 998                  | 1,060                                  |
| 1998 ..... | 73               | 5                | 50               | 811                  | 938                                    |
| 1999 ..... | 77               | 5                | 54               | 962                  | 1,097                                  |
| 2000 ..... | 61               | 3                | 55               | 935                  | 1,054                                  |
| 2001 ..... | 48               | 4                | 56               | 913                  | 1,021                                  |
| 2002 ..... | 48               | 4                | 63               | 832                  | 947                                    |
| 2003 ..... | 45               | 3                | 44               | 658                  | 750                                    |

<sup>1</sup>Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978. <sup>2</sup>Rounded totals of complete figures. <sup>3</sup>The number of stockyards reporting varies from 41 to 68.

AMS, Livestock & Grain Market News, (202) 720-7316. Compiled from reports received from stockyard companies.

**Table 7-49.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 2002 (preliminary)**

| State                   | Marketings <sup>1</sup> |                   | Inshipments       | Farm slaughter <sup>2</sup> | Production (live weight) <sup>3</sup> | Value of production  | Cash receipts <sup>4</sup> | Value of home consumption | Gross income <sup>5</sup> |
|-------------------------|-------------------------|-------------------|-------------------|-----------------------------|---------------------------------------|----------------------|----------------------------|---------------------------|---------------------------|
|                         | Sheep                   | Lambs             |                   |                             |                                       |                      |                            |                           |                           |
|                         | <i>1,000 head</i>       | <i>1,000 head</i> | <i>1,000 head</i> | <i>1,000 head</i>           | <i>1,000 pounds</i>                   | <i>1,000 dollars</i> | <i>1,000 dollars</i>       | <i>1,000 dollars</i>      | <i>1,000 dollars</i>      |
| AZ .....                | 7.0                     | 88.0              | 68.0              | 13.0                        | 4,016                                 | 2,815                | 6,547                      | 832                       | 7,379                     |
| CA .....                | 61.0                    | 517.0             | 320.0             | 5.0                         | 47,849                                | 31,434               | 50,388                     | 710                       | 51,098                    |
| CO .....                | 65.0                    | 880.0             | 789.0             | 1.0                         | 79,019                                | 45,805               | 95,694                     | 84                        | 95,778                    |
| ID .....                | 32.0                    | 204.0             | 20.0              | 1.0                         | 24,741                                | 16,097               | 17,360                     | 160                       | 17,520                    |
| IL .....                | 8.0                     | 45.0              | 4.0               | 1.0                         | 3,853                                 | 2,505                | 2,598                      | 179                       | 2,777                     |
| IN .....                | 12.8                    | 36.2              | 5.0               | 2.5                         | 3,910                                 | 2,040                | 2,428                      | 281                       | 2,709                     |
| IA .....                | 24.0                    | 218.0             | 64.0              | 1.0                         | 29,338                                | 20,252               | 22,777                     | 304                       | 23,081                    |
| KS .....                | 15.5                    | 61.0              | 14.5              | 1.0                         | 6,207                                 | 3,973                | 4,794                      | 185                       | 4,979                     |
| MI .....                | 7.0                     | 33.0              | 3.0               | 2.0                         | 4,501                                 | 2,970                | 2,548                      | 403                       | 2,951                     |
| MN .....                | 25.0                    | 132.0             | 22.0              | 1.0                         | 15,665                                | 10,391               | 11,918                     | 156                       | 12,074                    |
| MO .....                | 6.0                     | 49.8              | 3.0               | 0.2                         | 5,266                                 | 3,340                | 3,623                      | 71                        | 3,694                     |
| MT .....                | 70.0                    | 247.0             | 10.0              | 1.0                         | 29,125                                | 18,912               | 21,283                     | 199                       | 21,482                    |
| NE .....                | 30.0                    | 99.6              | 54.0              | 0.4                         | 9,584                                 | 5,800                | 9,166                      | 83                        | 9,249                     |
| NV .....                | 13.0                    | 48.0              | 18.0              | 1.0                         | 2,555                                 | 1,944                | 3,128                      | 124                       | 3,252                     |
| N ENG <sup>6</sup> ...  | 6.5                     | 26.6              | 1.8               | 0.9                         | 3,131                                 | 2,872                | 2,660                      | 339                       | 2,999                     |
| NM .....                | 26.0                    | 93.0              | 8.0               | 7.0                         | 9,584                                 | 6,471                | 6,930                      | 685                       | 7,615                     |
| NY .....                | 6.5                     | 31.5              | 3.0               | 1.0                         | 3,050                                 | 2,372                | 2,005                      | 129                       | 2,134                     |
| ND .....                | 25.0                    | 84.5              | 7.0               | 0.5                         | 9,208                                 | 5,420                | 7,067                      | 90                        | 7,157                     |
| OH .....                | 19.5                    | 106.0             | 28.0              | 1.5                         | 12,548                                | 5,923                | 8,980                      | 182                       | 9,162                     |
| OK .....                | 2.0                     | 33.5              | 8.5               | 1.0                         | 3,474                                 | 2,328                | 2,320                      | 196                       | 2,516                     |
| OR .....                | 31.0                    | 172.0             | 28.0              | 3.0                         | 11,365                                | 6,974                | 10,659                     | 571                       | 11,230                    |
| PA .....                | 11.3                    | 52.2              | 4.2               | 1.7                         | 5,626                                 | 4,407                | 4,634                      | 224                       | 4,858                     |
| SD .....                | 36.0                    | 307.5             | 47.0              | 0.5                         | 31,019                                | 21,284               | 25,942                     | 65                        | 26,007                    |
| TX .....                | 162.0                   | 495.0             | 128.0             | 2.0                         | 48,860                                | 32,374               | 44,643                     | 197                       | 44,840                    |
| UT .....                | 48.0                    | 237.0             | 6.0               | 5.0                         | 23,050                                | 15,794               | 17,818                     | 575                       | 18,393                    |
| VA .....                | 2.0                     | 39.5              | 1.0               | 1.0                         | 4,648                                 | 3,426                | 3,181                      | 164                       | 3,345                     |
| WA .....                | 9.0                     | 49.5              | 4.0               | 1.0                         | 4,732                                 | 3,025                | 3,315                      | 253                       | 3,568                     |
| WV .....                | 5.0                     | 25.3              | 2.0               | 0.2                         | 2,450                                 | 1,605                | 1,908                      | 45                        | 1,953                     |
| WI .....                | 8.3                     | 54.6              | 1.0               | 1.0                         | 8,364                                 | 5,405                | 5,308                      | 193                       | 5,501                     |
| WY .....                | 79.0                    | 284.0             | 46.0              | 1.0                         | 30,777                                | 21,412               | 24,024                     | 214                       | 24,238                    |
| Oth Sts <sup>7</sup> .. | 16.0                    | 60.0              | 24.0              | 6.0                         | 6,489                                 | 3,679                | 4,862                      | 636                       | 5,498                     |
| US .....                | 869.4                   | 4,810.3           | 1,742.0           | 65.4                        | 484,004                               | 313,049              | 430,508                    | 8,529                     | 439,037                   |

<sup>1</sup>Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. <sup>2</sup>Excludes custom slaughter for farmers at commercial establishments. <sup>3</sup>Adjustments made for changes in inventory and for inshipments. <sup>4</sup>Receipts from marketings and sale of farm-slaughter. <sup>5</sup>Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption. <sup>6</sup>N ENG includes CT, ME, MA, NH, RI, and VT. <sup>7</sup>AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-50.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 2003<sup>1</sup>**

| State              | Number slaughtered | Total live weight   | Average live weight |
|--------------------|--------------------|---------------------|---------------------|
|                    | <i>Thousands</i>   | <i>1,000 pounds</i> | <i>Pounds</i>       |
| AL                 |                    |                     |                     |
| AK                 |                    |                     |                     |
| AZ                 |                    |                     |                     |
| AR                 |                    |                     |                     |
| CA                 |                    |                     |                     |
| CO                 |                    |                     |                     |
| DE and MD          | 29.8               | 3,369               | 113                 |
| FL                 |                    |                     |                     |
| GA                 |                    |                     |                     |
| HI                 |                    |                     |                     |
| ID                 | 4.6                | 534                 | 116                 |
| IL                 | 188.0              | 25,655              | 136                 |
| IN                 | 33.3               | 3,548               | 107                 |
| IA                 | 416.4              | 62,096              | 149                 |
| KS                 | 2.7                | 277                 | 101                 |
| KY                 | 11.0               | 1,426               | 130                 |
| LA                 | 1.9                | 164                 | 87                  |
| MI                 | 195.7              | 23,676              | 121                 |
| MN                 | 2.9                | 342                 | 117                 |
| MS                 |                    |                     |                     |
| MO                 | 5.9                | 584                 | 100                 |
| MT                 | 3.7                | 461                 | 126                 |
| NE                 | 1.3                | 147                 | 117                 |
| NV                 | 1.4                | 143                 | 105                 |
| N ENG <sup>2</sup> | 24.4               | 2,459               | 101                 |
| NJ                 | 109.6              | 10,335              | 94                  |
| NM                 | 24.7               | 2,567               | 104                 |
| NY                 | 37.8               | 3,359               | 89                  |
| NC                 | 2.8                | 286                 | 102                 |
| ND                 |                    |                     |                     |
| OH                 | 13.9               | 1,572               | 113                 |
| OK                 | 1.1                | 133                 | 120                 |
| OR                 | 13.8               | 1,801               | 130                 |
| PA                 | 82.0               | 8,688               | 106                 |
| SC                 |                    |                     |                     |
| SD                 | 13.8               | 1,689               | 122                 |
| TN                 | 6.2                | 463                 | 75                  |
| TX                 | 382.9              | 48,998              | 128                 |
| UT                 | 32.5               | 4,121               | 127                 |
| VA                 |                    |                     |                     |
| WA                 | 7.7                | 944                 | 122                 |
| WV                 | 0.4                | 43                  | 107                 |
| WI                 | 14.1               | 1,865               | 133                 |
| WY                 | 1.8                | 238                 | 132                 |
| US <sup>3</sup>    | 2,978.8            | 398,565             | 134                 |

<sup>1</sup> Includes slaughter in federally inspected and in other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Totals may not add due to rounding. <sup>2</sup>CT, ME, MA, NH, RI, and VT. <sup>3</sup>States with no data printed are still included in US total. Data are not printed to avoid disclosing individual operations.

NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-51.—Sheep and lambs: Number slaughtered, United States, 1994–2003**

| Year | Commercial          |                  |                    | Farm             | Total            |
|------|---------------------|------------------|--------------------|------------------|------------------|
|      | Federally inspected | Other            | Total <sup>1</sup> |                  |                  |
|      | <i>Thousands</i>    | <i>Thousands</i> | <i>Thousands</i>   | <i>Thousands</i> | <i>Thousands</i> |
| 1994 | 4,756               | 183              | 4,938              | 76               | 5,014            |
| 1995 | 4,388               | 172              | 4,560              | 71               | 4,629            |
| 1996 | 4,032               | 152              | 4,184              | 65               | 4,249            |
| 1997 | 3,771               | 137              | 3,907              | 62               | 3,969            |
| 1998 | 3,670               | 133              | 3,804              | 57               | 3,861            |
| 1999 | 3,556               | 145              | 3,701              | 65               | 3,766            |
| 2000 | 3,308               | 152              | 3,460              | 67               | 3,527            |
| 2001 | 3,065               | 157              | 3,222              | 68               | 3,290            |
| 2002 | 3,092               | 194              | 3,286              | 65               | 3,351            |
| 2003 | 2,805               | 174              | 2,979              | 64               | 3,042            |

<sup>1</sup> Totals are based on unrounded numbers.

NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-52.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected, 1994–2003 <sup>1</sup>**

| Year       | Federally inspected |               |                     |              |               |                     |              |                     |                  |
|------------|---------------------|---------------|---------------------|--------------|---------------|---------------------|--------------|---------------------|------------------|
|            | Lambs and yearlings |               |                     | Mature sheep |               |                     | Total        |                     |                  |
|            | Head                | Pct. of total | Avg. dressed weight | Head         | Pct. of total | Avg. dressed weight | Head         | Avg. dressed weight | Avg. live weight |
|            | <i>1,000</i>        |               | <i>Pounds</i>       | <i>1,000</i> |               | <i>Pounds</i>       | <i>1,000</i> | <i>Pounds</i>       |                  |
| 1994 ..... | 4,464               | 93.9          | 63                  | 292          | 6.1           | 57                  | 4,756        | 63                  | 126              |
| 1995 ..... | 4,114               | 93.8          | 63                  | 274          | 6.2           | 58                  | 4,388        | 63                  | 127              |
| 1996 ..... | 3,763               | 93.3          | 65                  | 270          | 6.7           | 58                  | 4,032        | 64                  | 129              |
| 1997 ..... | 3,558               | 94.3          | 67                  | 213          | 5.7           | 60                  | 3,771        | 67                  | 134              |
| 1998 ..... | 3,460               | 94.3          | 66                  | 211          | 5.7           | 61                  | 3,670        | 66                  | 133              |
| 1999 ..... | 3,369               | 94.7          | 67                  | 188          | 5.3           | 59                  | 3,556        | 67                  | 134              |
| 2000 ..... | 3,141               | 95.0          | 68                  | 167          | 5.0           | 63                  | 3,308        | 68                  | 137              |
| 2001 ..... | 2,921               | 95.3          | 71                  | 144          | 4.7           | 62                  | 3,065        | 70                  | 142              |
| 2002 ..... | 2,944               | 95.2          | 68                  | 148          | 4.8           | 63                  | 3,092        | 68                  | 135              |
| 2003 ..... | 2,662               | 94.9          | 68                  | 143          | 5.1           | 66                  | 2,805        | 68                  | 136              |

<sup>1</sup> All percents and weights calculated using unrounded totals.  
 NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-53.—Sheep and lambs: Operations with sheep, 2002–2003**

| State                           | Operations with sheep |                   |
|---------------------------------|-----------------------|-------------------|
|                                 | 2002                  | 2003 <sup>1</sup> |
|                                 | <i>Number</i>         | <i>Number</i>     |
| AZ .....                        | 270                   | .....             |
| CA .....                        | 2,800                 | .....             |
| CO .....                        | 1,900                 | .....             |
| ID .....                        | 1,000                 | .....             |
| IL .....                        | 2,200                 | .....             |
| IN .....                        | 2,000                 | .....             |
| IA .....                        | 4,600                 | .....             |
| KS .....                        | 1,400                 | .....             |
| MI .....                        | 1,900                 | .....             |
| MN .....                        | 2,300                 | .....             |
| MO .....                        | 1,600                 | .....             |
| MT .....                        | 1,700                 | .....             |
| NE .....                        | 1,500                 | .....             |
| NV .....                        | 300                   | .....             |
| N ENG <sup>2</sup> .....        | 2,000                 | .....             |
| NM .....                        | 800                   | .....             |
| NY .....                        | 1,500                 | .....             |
| ND .....                        | 1,000                 | .....             |
| OH .....                        | 3,500                 | .....             |
| OK .....                        | 1,500                 | .....             |
| OR .....                        | 3,100                 | .....             |
| PA .....                        | 2,600                 | .....             |
| SD .....                        | 2,300                 | .....             |
| TX .....                        | 6,800                 | .....             |
| UT .....                        | 1,400                 | .....             |
| VA .....                        | 1,500                 | .....             |
| WA .....                        | 1,200                 | .....             |
| WV .....                        | 1,100                 | .....             |
| WI .....                        | 2,300                 | .....             |
| WY .....                        | 800                   | .....             |
| Other States <sup>3</sup> ..... | 5,300                 | .....             |
| US .....                        | 64,170                | .....             |

<sup>1</sup> The number of operations for 2003 was not available at press time. <sup>2</sup> N Eng includes CT, ME, MA, NH, RI, and VT. <sup>3</sup> Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 7-54.—Breeding Sheep: Survey percent by size groups, United States, 2003–2004 <sup>1</sup>**

| Item             | 1–99 head      |                   | 100–499 head   |                   | 500–4,999 head |                   | 5,000+ head    |                   |
|------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|
|                  | 2003           | 2004 <sup>2</sup> | 2003           | 2004 <sup>2</sup> | 2003           | 2004 <sup>2</sup> | 2003           | 2004 <sup>2</sup> |
|                  | <i>Percent</i> | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i>    |
| Operations ..... | 91.8           | .....             | 6.7            | .....             | 1.4            | .....             | 0.1            | .....             |
| Inventory .....  | 29.9           | .....             | 23.8           | .....             | 33.1           | .....             | 13.2           | .....             |

<sup>1</sup> Percents reflect distributions from annual survey. <sup>2</sup> The number of operations for 2003 was not available at press time.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 7-55.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1993–2002**

| Year                    | Sheep and lambs shorn <sup>1</sup> | Weight per fleece | Shorn wool production | Price per pound <sup>2</sup> | Value of production <sup>3</sup> |
|-------------------------|------------------------------------|-------------------|-----------------------|------------------------------|----------------------------------|
|                         | <i>Thousands</i>                   | <i>Pounds</i>     | <i>1,000 pounds</i>   | <i>Cents</i>                 | <i>1,000 dollars</i>             |
| 1993 .....              | 9,976                              | 7.77              | 77,535                | 51.0                         | 39,077                           |
| 1994 .....              | 8,877                              | 7.73              | 68,577                | 78.0                         | 52,377                           |
| 1995 .....              | 8,138                              | 7.80              | 63,513                | 1.04                         | 64,277                           |
| 1996 .....              | 7,215                              | 7.78              | 56,669                | 0.70                         | 39,270                           |
| 1997 .....              | 6,960                              | 7.70              | 53,578                | 0.84                         | 44,909                           |
| 1998 .....              | 6,428                              | 7.66              | 49,255                | 0.60                         | 29,415                           |
| 1999 .....              | 6,158                              | 7.57              | 46,572                | 0.38                         | 17,860                           |
| 2000 .....              | 6,135                              | 7.56              | 46,446                | 0.33                         | 15,377                           |
| 2001 .....              | 5,689                              | 7.56              | 43,016                | 0.36                         | 15,311                           |
| 2002 <sup>4</sup> ..... | 5,476                              | 7.55              | 41,322                | 0.53                         | 21,876                           |

| Year                    | Shorn wool production | Raw wool supply (clean)          |                      |                             |                                  | Total new supply <sup>9</sup> |
|-------------------------|-----------------------|----------------------------------|----------------------|-----------------------------|----------------------------------|-------------------------------|
|                         |                       | Domestic production <sup>5</sup> | Exports <sup>6</sup> | Imports for consumption     |                                  |                               |
|                         |                       |                                  |                      | 48's and Finer <sup>7</sup> | Not Finer than 46's <sup>8</sup> |                               |
|                         | <i>1,000 pounds</i>   | <i>1,000 pounds</i>              | <i>1,000 pounds</i>  | <i>1,000 pounds</i>         | <i>1,000 pounds</i>              | <i>1,000 pounds</i>           |
| 1993 .....              | 77,535                | 40,938                           | 2,529                | 76,001                      | 21,876                           | 138,286                       |
| 1994 .....              | 68,577                | 36,209                           | 2,863                | 64,889                      | 24,645                           | 122,880                       |
| 1995 .....              | 63,513                | 33,535                           | 6,042                | 63,781                      | 25,039                           | 116,313                       |
| 1996 .....              | 56,159                | 29,921                           | 5,715                | 54,073                      | 21,296                           | 99,575                        |
| 1997 .....              | 53,578                | 28,289                           | 4,732                | 51,484                      | 24,962                           | 100,003                       |
| 1998 .....              | 49,255                | 26,007                           | 1,721                | 45,805                      | 24,702                           | 94,793                        |
| 1999 .....              | 46,549                | 24,575                           | 3,694                | 21,264                      | 21,810                           | 63,955                        |
| 2000 .....              | 46,446                | 24,413                           | 6,629                | 23,902                      | 21,099                           | 62,785                        |
| 2001 .....              | 43,016                | 22,712                           | 6,154                | 15,843                      | 19,727                           | 52,128                        |
| 2002 <sup>4</sup> ..... | 41,322                | 21,818                           | 8,461                | 10,526                      | 14,159                           | 38,042                        |

<sup>1</sup> Includes sheep shorn at commercial feeding yards. <sup>2</sup> Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool. <sup>3</sup> Production by States multiplied by annual average price. <sup>4</sup> Preliminary. <sup>5</sup> Conversion factor from grease basis to clean basis are as follows: Shorn wool production—52.8 percent (Stat. Bull. 616) from 1987-1997. <sup>6</sup> Includes carpet wool exports. <sup>7</sup> Prior to 1989, known as dutiable imports. <sup>8</sup> Prior to 1989, known as duty-free imports. In 1994 includes 24,645,306 pounds of imported raw wool not finer than 46's and 2,182,576 pounds of miscellaneous imported raw wool. <sup>9</sup> Production minus exports plus imports; stocks not taken into consideration.

ERS, Field Crops Branch, (202) 694-5300 and NASS. Imports and exports from reports of the U.S. Department of Commerce.

**Table 7-56.—Wool: Price-support operations, United States, 1994–2003**

| Marketing year | Shorn wool price per pound |                                      | Payment rate                     |                                     | Marketings covered by payments <sup>2</sup> |               | Amount of payments <sup>3</sup> |               |       |
|----------------|----------------------------|--------------------------------------|----------------------------------|-------------------------------------|---|---------------|---------------------------------|---------------|-------|
|                | Support                    | Season average received by producers | Average for shorn wool per pound | Unshorn lambs per cwt. <sup>1</sup> | Shorn wool                                  | Unshorn lambs | Shorn wool                      | Unshorn lambs | Total |
|                |                            |                                      |                                  |                                     |   |               |                                 |               |       |
| 1994 .....     | 209                        | 78.0                                 | 131.0                            | 524                                 | 64.5  | 478           | 60.4                            | 15.2          | 76.6  |
| 1995 .....     | 212                        | 104.0                                | 108.0                            | 432                                 | 54.3  | 467           | 27.3                            | 7.5           | 34.8  |
| 1996 .....     | ( <sup>4</sup> )           | 70.0                                 | .....                            | .....                               | .....                                       | .....         | .....                           | .....         | ..... |
| 1997 .....     | ( <sup>4</sup> )           | 84.0                                 | .....                            | .....                               | .....                                       | .....         | .....                           | .....         | ..... |
| 1998 .....     | ( <sup>4</sup> )           | 60.0                                 | .....                            | .....                               | .....                                       | .....         | .....                           | .....         | ..... |
| 1999 .....     | ( <sup>4</sup> )           | 38.0                                 | ( <sup>5</sup> ) 20              | ( <sup>5</sup> ) 80                 | 43.5  | .....         | 8.7                             | .....         | 8.7   |
| 2000 .....     | ( <sup>4</sup> )           | 33.0                                 | ( <sup>6</sup> ) 40              | ( <sup>6</sup> )                    | 43.9  | .....         | 33.6                            | .....         | 33.6  |
| 2001 .....     | ( <sup>4</sup> )           | 36.0                                 | .....                            | .....                               | .....                                       | .....         | .....                           | .....         | ..... |
| 2002 .....     | 100                        | 53.0                                 | ( <sup>7</sup> ) 18              | 19.0                                | 36.5  | 5.8           | 6.6                             | 1.1           | 7.7   |
| 2003 .....     | 100                        | .....                                | .....                            | .....                               | .....                                       | .....         | .....                           | .....         | ..... |

<sup>1</sup> For unshorn lambs sold. <sup>2</sup> Unadjusted for weight of unshorn lambs purchased. <sup>3</sup> Payments for wool marketed during the year shown are made after Mar. 31 of the following year, and include deductions for the American Sheep Industry Association. Figures for 1994 and 1995 reflect 20- and 50-percent reductions in payments, respectively, as required by Public Law 103-130 which also terminated price support for wool as of December 31, 1995. <sup>4</sup> Public Law 103-130 terminated price support for wool as of December 31, 1995. <sup>5</sup> Market Loss Assistance Payments for 1999-crop wool authorized by Public Law 106-224 on June 21, 2000. <sup>6</sup> Market Loss Assistance Payments authorized by Public Law 106-387 for marketing year 2000 production. Additional payments authorized by Public Law 107-25. <sup>7</sup> Nonrecourse Marketing Assistance Loan Program authorized by Public Law 107-171, enacted May 13, 2002.



**Table 7-57.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1993–2002<sup>1 2 3</sup>**

| Item                    | 1993            | 1994            | 1995            | 1996            | 1997            | 1998            | 1999            | 2000            | 2001            | 2002            |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Apparel wool:           |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Woolen system:          | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> |
| 60's and finer          | 40.9            | 36.0            | 30.2            | 42.1            | 49.0            | 31.3            | 18.4            | 18.5            | 16.1            | 9.6             |
| Coarser than 60's ..... | 26.6            | 26.0            | 27.1            | 27.6            | 21.3            | 15.1            | 10.8            | 13.4            | 9.8             | 8.5             |
| Total .....             | 67.5            | 62.0            | 57.3            | 69.7            | 70.3            | 46.4            | 29.2            | 31.9            | 25.9            | 18.1            |
| Worsteds system:        |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 60's and finer          | 58.8            | 59.6            | 55.0            | 46.1            | 48.2            | 42.2            | 27.4            | NA              | NA              | NA              |
| Coarser than 60's ..... | 15.1            | 17.0            | 17.0            | 13.8            | 11.9            | 9.8             | 7.0             | NA              | NA              | NA              |
| Total .....             | 73.9            | 76.6            | 72.0            | 59.8            | 60.1            | 52.0            | 34.4            | 30.1            | 27.1            | 17.9            |
| Total apparel:          |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 60's and finer          | 99.7            | 95.6            | 85.2            | 88.2            | 97.2            | 75.5            | 45.8            | NA              | NA              | NA              |
| Coarser than 60's ..... | 41.7            | 43.0            | 44.1            | 41.3            | 33.2            | 24.9            | 17.7            | NA              | NA              | NA              |
| Total .....             | 141.4           | 138.6           | 129.3           | 129.5           | 130.4           | 98.4            | 63.5            | 63.0            | 53.0            | 36.0            |
| Carpet wool .....       | 15.4            | 14.7            | 12.7            | 12.3            | 13.6            | 16.3            | 13.9            | 15.2            | 13.3            | 6.9             |
| Grand total mill ....   | 156.8           | 153.3           | 142.0           | 141.8           | 144.0           | 114.7           | 77.5            | 77.2            | 66.3            | 42.9            |

<sup>1</sup> Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes and (2) on the worsted system as the sum of top and noil production. <sup>2</sup> Domestic, duty-paid, and duty-free foreign. <sup>3</sup> Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

ERS, Field Crops Branch, (202) 694-5300. Compiled from reports of the U.S. Department of Commerce.

**Table 7-58.—Wool: United States imports (for consumption), clean content, by grades, 1993–2002<sup>1 2</sup>**

| Grade                                   | 1993            | 1994            | 1995            | 1996            | 1997            | 1998            | 1999            | 2000            | 2001            | 2002            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 48's and finer:                         | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> |
| Finer than 58's <sup>3</sup>            | 70.7            | 59.4            | 56.9            | 50.8            | 48.7            | 42.8            | 19.9            | 22.2            | 14.2            | 9.2             |
| 48's–58's <sup>4</sup> .....            | 5.3             | 5.5             | 6.9             | 3.3             | 2.8             | 3.0             | 1.4             | 1.7             | 1.6             | 1.3             |
| Total .....                             | 76.0            | 64.9            | 63.8            | 54.1            | 51.5            | 45.8            | 21.3            | 23.9            | 15.8            | 10.5            |
| Not Finer than 46's:                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Wool for special use <sup>5</sup> ..... | 13.8            | 13.8            | 8.6             | 3.9             | 3.0             | 2.2             | 2.0             | 2.2             | 2.4             | 1.3             |
| Not finer than 40's <sup>6</sup> .....  | 1.4             | 1.9             | 3.2             | 3.2             | 9.0             | 7.8             | 6.3             | 6.5             | 6.5             | 3.9             |
| Finer than 40's–44's <sup>7</sup> ..... | 4.7             | 6.6             | 9.4             | 10.1            | 9.3             | 10.0            | 8.1             | 5.7             | 6.7             | 7.1             |
| 46's <sup>8</sup> .....                 | 2.0             | 2.3             | 3.9             | 4.1             | 3.7             | 4.7             | 5.4             | 5.6             | 4.1             | 1.9             |
| Total .....                             | 21.9            | 24.6            | 25.0            | 21.3            | 24.9            | 24.7            | 21.8            | 20.0            | 19.7            | 14.2            |
| Miscellaneous <sup>9</sup> ....         | 2.4             | 2.2             | 38.8            | 0               | 0               | 0               | 0               | 0               | 0               | 0               |
| Grand total .....                       | 100.3           | 91.7            | 88.8            | 75.4            | 76.4            | 70.5            | 43.1            | 45.0            | 35.6            | 24.7            |

<sup>1</sup> Natural fiber grown by sheep or lambs. <sup>2</sup> Beginning 1989 the following Harmonized Tariff Schedule numbers are in the above 7 wool import groups: 5101.19.606060, 5101.19.6060, 5101.21.4000, 5101.21.4000, 5101.29.4060, 0.5(5101.30.4000). <sup>3</sup> 5101.11.6030, 5101.19.6030, 5101.21.4030, 5101.29.4030, 0.5(5101.30.4000). <sup>4</sup> 5101.11.1000, 5101.19.1000, 5101.21.1000, 5101.29.1000. <sup>5</sup> 5101.11.2000, 5101.19.2000, 0.5(5101.30.4000). <sup>6</sup> 5101.11.1500, 5101.29.1500, 5101.30.1000. <sup>7</sup> 5101.11.4000, 5101.19.4000, 5101.21.3000, 5101.29.3000, 5101.30.1500. <sup>8</sup> 5101.11.5000, 5101.19.5000, 5101.21.3500, 5101.29.3500, 5101.30.3000. <sup>9</sup> 5101.21.6000, 5101.29.6000, 5101.30.6000. They include wool not carded or combed but processed beyond the scoured or carbonized condition, e.g. dyed. This wool is not identified by use or grade. In 1989 this quantity was 48,074 pounds, 1990 was 32,979 pounds, 1991 was 47,245 pounds, and 1992 was 25,728 pounds.

ERS, Field Crops Branch, (202) 694-5300. Compiled from reports of the U.S. Department of Commerce.

**Table 7-59.—Wool: United States imports (for consumption), clean content, by country of origin, 1993–2002<sup>1</sup>**

| Country of origin           | 1993            | 1994            | 1995            | 1996            | 1997            | 1998            | 1999            | 2000            | 2001            | 2002 <sup>2</sup> |
|-----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| <b>48's and finer:</b>      | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i> | <i>Mil. lb.</i>   |
| Argentina .....             | 0.1             | 0.1             | 0.1             | 0.1             | 0.5             | 0.6             | 0.1             | 0.1             | .....           | .....             |
| Australia .....             | 64.8            | 53.0            | 51.6            | 47.1            | 44.2            | 38.8            | 17.6            | 20.2            | 12.7            | 8.1               |
| Canada .....                | 1.2             | 0.8             | 1.1             | 1.2             | 1.0             | 1.1             | 0.7             | 0.8             | 0.8             | 0.8               |
| Chile .....                 | 0.3             | 0.6             | 0.7             | 0.2             | 0.1             | 0.2             | .....           | .....           | .....           | .....             |
| New Zealand .....           | 1.7             | 1.8             | 2.6             | 1.9             | 1.6             | 1.5             | 1.3             | 1.3             | 1.0             | 0.5               |
| South Africa .....          | 1.1             | 0.8             | 0.9             | 0.7             | 1.2             | 1.9             | 1.1             | 0.8             | 0.6             | 0.5               |
| United Kingdom .....        | 0.3             | 1.5             | 1.5             | 0.3             | 0.2             | 0.1             | .....           | .....           | .....           | .....             |
| Uruguay .....               | 5.9             | 5.2             | 2.5             | 1.6             | 2.1             | 0.7             | 0.2             | 0.1             | 0.3             | 0.3               |
| Other .....                 | 0.6             | 1.1             | 2.8             | 2.0             | 1.1             | 0.9             | 0.3             | 0.6             | 0.2             | .....             |
| <b>Total .....</b>          | <b>76.0</b>     | <b>64.9</b>     | <b>63.8</b>     | <b>54.1</b>     | <b>51.5</b>     | <b>45.8</b>     | <b>21.3</b>     | <b>23.9</b>     | <b>15.8</b>     | <b>10.5</b>       |
| <b>Not finer than 46's:</b> |                 |                 |                 |                 |                 |                 |                 |                 |                 |                   |
| Argentina .....             | 0.6             | 0.6             | 0.1             | 0.2             | 0.1             | 0.5             | 0.4             | 0.5             | 0.3             | 0.3               |
| Australia .....             | 0.3             | 0.1             | 0.3             | 0.4             | 0.1             | 0.2             | 0.1             | 0.1             | 0.4             | 0.4               |
| Canada .....                | 0.1             | 0.1             | 0.6             | 0.1             | 0.6             | 0.2             | 0.2             | 0.2             | 0.1             | 0.4               |
| New Zealand .....           | 15.6            | 18.3            | 17.0            | 15.6            | 18.9            | 18.5            | 16.8            | 15.0            | 14.9            | .....             |
| Uruguay .....               | 0.1             | 0.3             | .....           | .....           | .....           | .....           | .....           | .....           | .....           | .....             |
| South Africa .....          | 0.1             | 0.1             | 0.0             | 0.0             | 0.0             | .....           | .....           | .....           | .....           | .....             |
| United Kingdom .....        | 4.7             | 4.8             | 5.7             | 3.5             | 3.7             | 3.6             | 2.9             | 3.2             | 2.6             | 2.7               |
| Other .....                 | 0.4             | 0.3             | .....           | 1.2             | 0.0             | 0.0             | 0.0             | 1.1             | 0.4             | 0.5               |
| <b>Total .....</b>          | <b>21.9</b>     | <b>24.6</b>     | <b>25.0</b>     | <b>21.0</b>     | <b>24.3</b>     | <b>23.1</b>     | <b>20.6</b>     | <b>20.1</b>     | <b>18.7</b>     | <b>14.0</b>       |
| <b>Grand total .....</b>    | <b>100.3</b>    | <b>91.7</b>     | <b>88.8</b>     | <b>75.4</b>     | <b>75.8</b>     | <b>68.9</b>     | <b>41.8</b>     | <b>44.0</b>     | <b>34.5</b>     | <b>24.5</b>       |

<sup>1</sup>Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition. <sup>2</sup>The country of origin for the 2.2 million pounds of miscellaneous imported raw wool was: New Zealand, 1.6 million; and Australia, 0.6 million.

ERS, Field Crops Branch, (202) 694–5300. Compiled from reports of the U.S. Department of Commerce.

**Table 7-60.—Wool: Average price per pound, clean basis, delivered to United States mills, 1994–2003<sup>1</sup>**

| Year       | Territory <sup>2</sup>     |                                      | Australian 64's good topmaking (in bond, American yield) |
|------------|----------------------------|--------------------------------------|--|
|            | 64's (20.60–22.04 microns) | Avg. 58's–56's (24.95–27.84 microns) |  |
|            | <i>Cents</i>               | <i>Cents</i>                         | <i>Cents</i>   |
| 1994 ..... |                            | 212                                  | 311  |
| 1995 ..... |                            | 249                                  | 311  |
| 1996 ..... |                            | 193                                  | 264  |
| 1997 ..... |                            | 238                                  | 300  |
| 1998 ..... |                            | 162                                  | 202  |
| 1999 ..... |                            | 110                                  | 176  |
| 2000 ..... |                            | 108                                  | 179  |
| 2001 ..... |                            | 121                                  | 179  |
| 2002 ..... |                            | 190                                  | 280  |
| 2003 ..... |                            | 241                                  | 326  |

<sup>1</sup>Beginning January 1976 the unit designation terminology for wool prices changed to microns. For example 64's (20.60–22.04 microns) formerly was fine good French combing and staple. Two designations 56's (26.40–27.84 microns) and 58's (24.95–26.39 microns) have been averaged in the price data shown here and together were formerly the category fleece 3/8 blood good French combing and staple. <sup>2</sup>Wool grown in the range areas of California, Oregon, Washington, Texas, the intermountain States (including Arizona and New Mexico), and parts of the Dakotas, Kansas, Nebraska, and Oklahoma. These wools vary considerably in shrinkage and color.

ERS, Field Crops Branch, (202) 694–5300 and AMS.

**Table 7-61.—Wool: Number of sheep shorn, weight per fleece, production, by States, 2002–2003**

| State                           | Sheep and lambs shorn |                   | Weight per fleece |                   | Shorn wool production |                     |
|---------------------------------|-----------------------|-------------------|-------------------|-------------------|-----------------------|---------------------|
|                                 | 2002                  | 2003 <sup>1</sup> | 2002              | 2003 <sup>1</sup> | 2002                  | 2003 <sup>1</sup>   |
|                                 | <i>1,000 head</i>     | <i>1,000 head</i> | <i>Pounds</i>     | <i>Pounds</i>     | <i>1,000 pounds</i>   | <i>1,000 pounds</i> |
| AZ .....                        | 109.0                 | 102.0             | 6.1               | 6.1               | 660                   | 620                 |
| CA .....                        | 510.0                 | 500.0             | 7.1               | 7.0               | 3,600                 | 3,500               |
| CO .....                        | 460.0                 | 360.0             | 6.7               | 7.2               | 3,070                 | 2,580               |
| ID .....                        | 217.0                 | 217.0             | 9.7               | 9.7               | 2,115                 | 2,115               |
| IL .....                        | 65.0                  | 58.0              | 6.6               | 6.8               | 430                   | 395                 |
| IN .....                        | 42.0                  | 40.0              | 6.7               | 6.8               | 280                   | 270                 |
| IA .....                        | 220.0                 | 240.0             | 5.9               | 5.7               | 1,300                 | 1,360               |
| KS .....                        | 73.0                  | 80.0              | 7.2               | 7.0               | 525                   | 560                 |
| MI .....                        | 78.0                  | 77.0              | 6.1               | 6.2               | 475                   | 475                 |
| MN .....                        | 150.0                 | 140.0             | 6.8               | 6.8               | 1,020                 | 950                 |
| MO .....                        | 59.0                  | 53.0              | 6.7               | 7.0               | 395                   | 370                 |
| MT .....                        | 289.0                 | 272.0             | 9.6               | 9.5               | 2,788                 | 2,597               |
| NE .....                        | 87.0                  | 88.0              | 7.4               | 7.2               | 640                   | 630                 |
| NV .....                        | 65.0                  | 55.0              | 9.1               | 8.4               | 590                   | 460                 |
| N ENG <sup>2</sup> .....        | 40.0                  | 37.0              | 7.1               | 7.0               | 283                   | 260                 |
| NM .....                        | 175.0                 | 160.0             | 8.1               | 7.8               | 1,410                 | 1,240               |
| NY .....                        | 51.0                  | 48.0              | 6.9               | 6.7               | 350                   | 320                 |
| ND .....                        | 93.0                  | 70.0              | 8.5               | 9.3               | 790                   | 650                 |
| OH .....                        | 155.0                 | 144.0             | 7.1               | 6.4               | 1,100                 | 920                 |
| OK .....                        | 60.0                  | 50.0              | 6.8               | 6.3               | 410                   | 315                 |
| OR .....                        | 200.0                 | 178.0             | 6.3               | 6.8               | 1,250                 | 1,210               |
| PA .....                        | 63.0                  | 61.0              | 6.8               | 6.7               | 430                   | 410                 |
| SD .....                        | 375.0                 | 330.0             | 8.3               | 8.0               | 3,105                 | 2,625               |
| TX .....                        | 850.0                 | 800.0             | 7.0               | 7.0               | 5,950                 | 5,600               |
| UT .....                        | 280.0                 | 240.0             | 9.5               | 9.3               | 2,650                 | 2,230               |
| VA .....                        | 40.0                  | 36.0              | 6.4               | 6.1               | 255                   | 220                 |
| WA .....                        | 44.0                  | 36.0              | 8.1               | 8.1               | 357                   | 292                 |
| WV .....                        | 28.0                  | 28.0              | 6.2               | 5.7               | 174                   | 160                 |
| WI .....                        | 67.0                  | 67.0              | 7.2               | 7.2               | 480                   | 480                 |
| WY .....                        | 420.0                 | 390.0             | 8.9               | 9.4               | 3,750                 | 3,650               |
| Other States <sup>3</sup> ..... | 111.0                 | 100.0             | 6.2               | 6.5               | 690                   | 650                 |
| US .....                        | 5,476.0               | 5,057.0           | 7.5               | 7.5               | 41,322                | 38,114              |

<sup>1</sup> Preliminary. <sup>2</sup> N ENG includes CT, ME, MA, NH, RI, and VT. <sup>3</sup> Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 7-62.—Wool: Price and value of production, by States, 2002–2003**

| State                           | Price per pound |                   | Value of production <sup>1</sup> |                      |
|---------------------------------|-----------------|-------------------|----------------------------------|----------------------|
|                                 | 2002            | 2003 <sup>2</sup> | 2002                             | 2003 <sup>2</sup>    |
|                                 | <i>Dollars</i>  | <i>Dollars</i>    | <i>Dollars</i>                   | <i>1,000 dollars</i> |
| AZ .....                        | 0.32            | 0.34              | 211                              | 211                  |
| CA .....                        | 0.45            | 0.79              | 1,620                            | 2,765                |
| CO .....                        | 0.57            | 0.74              | 1,750                            | 1,909                |
| ID .....                        | 0.67            | 0.86              | 1,417                            | 1,819                |
| IL .....                        | 0.23            | 0.23              | 99                               | 91                   |
| IN .....                        | 0.16            | 0.19              | 45                               | 51                   |
| IA .....                        | 0.18            | 0.29              | 234                              | 394                  |
| KS .....                        | 0.30            | 0.45              | 158                              | 252                  |
| MI .....                        | 0.14            | 0.30              | 67                               | 143                  |
| MN .....                        | 0.20            | 0.30              | 204                              | 285                  |
| MO .....                        | 0.20            | 0.42              | 79                               | 155                  |
| MT .....                        | 0.76            | 1.03              | 2,119                            | 2,675                |
| NE .....                        | 0.30            | 0.35              | 192                              | 221                  |
| NV .....                        | 0.85            | 0.95              | 502                              | 437                  |
| N ENG <sup>3</sup> .....        | 0.40            | 0.35              | 113                              | 91                   |
| NM .....                        | 0.80            | 1.10              | 1,128                            | 1,364                |
| NY .....                        | 0.20            | 0.27              | 70                               | 86                   |
| ND .....                        | 0.60            | 0.60              | 474                              | 390                  |
| OH .....                        | 0.15            | 0.23              | 165                              | 212                  |
| OK .....                        | 0.25            | 0.40              | 103                              | 126                  |
| OR .....                        | 0.38            | 0.58              | 475                              | 702                  |
| PA .....                        | 0.25            | 0.27              | 108                              | 111                  |
| SD .....                        | 0.45            | 0.76              | 1,397                            | 1,995                |
| TX .....                        | 0.68            | 0.90              | 4,046                            | 5,040                |
| UT .....                        | 0.60            | 0.80              | 1,590                            | 1,784                |
| VA .....                        | 0.26            | 0.33              | 66                               | 73                   |
| WA .....                        | 0.47            | 0.63              | 168                              | 184                  |
| WV .....                        | 0.22            | 0.28              | 38                               | 45                   |
| WI .....                        | 0.15            | 0.25              | 72                               | 120                  |
| WY .....                        | 0.73            | 1.10              | 2,738                            | 4,015                |
| Other States <sup>4</sup> ..... | 0.62            | 0.56              | 428                              | 364                  |
| US .....                        | 0.53            | 0.72              | 21,876                           | 27,408               |

<sup>1</sup> Production multiplied by marketing year average price. <sup>2</sup> Preliminary. <sup>3</sup> N ENG includes CT, ME, MA, NH, RI, and VT. <sup>4</sup> Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 7-63.—Mohair: Price-support operations, United States, 1994–2003**

| Marketing year<br>beginning<br>January 1 | Price per pound    |   | Average<br>payment rate<br>per<br>pound | Marketings<br>covered by<br>payments | Amount of<br>payments <sup>2</sup> |
|--|--------------------|---|---|--------------------------------------|------------------------------------|
|  | Loans <sup>1</sup> | Season<br>average<br>received by<br>producers |   |                                      |                                    |
|  | <i>Cents</i>       | <i>Cents</i>                                  | <i>Cents</i>                            | <i>Million pounds</i>                | <i>Million dollars</i>             |
| 1994 .....                               | 473.9              | 256.0   | 217.9                                   | 13.1                                 | 21.8                               |
| 1995 .....                               | 465.7              | 184.0   | 281.7                                   | 12.9                                 | 18.0                               |
| 1996 .....                               | ( <sup>3</sup> )   | 192.0   | .....                                   | .....                                | .....                              |
| 1997 .....                               | ( <sup>3</sup> )   | 225.0   | .....                                   | .....                                | .....                              |
| 1998 .....                               | ( <sup>3</sup> )   | 249.0   | .....                                   | .....                                | .....                              |
| 1999 .....                               | 200.0              | 346.0   | ( <sup>4</sup> )40.0                    | ( <sup>4</sup> ) 8.9                 | ( <sup>4</sup> ) 1.6               |
| 2000 .....                               | 200.0              | 404.0   | ( <sup>5</sup> )40.0                    | ( <sup>5</sup> ) 2.7                 | ( <sup>5</sup> ) 1.1               |
| 2001 .....                               | ( <sup>3</sup> )   | 213.0   | .....                                   | .....                                | .....                              |
| 2002 .....                               | 420.0              | 158.0   | 214                                     | ( <sup>6</sup> ) 2.3                 | ( <sup>6</sup> ) 4.8               |
| 2003 .....                               | 420.0              | .....   | .....                                   | .....                                | .....                              |

<sup>1</sup>The national average loan rate was also known as the price-support rate prior to enactment of the Farm Security and Rural Investment Act of 2002. <sup>2</sup>Payments for mohair marketed during the year shown are made after Mar. 31 of the following year and includes deductions for the Mohair Council of America. Figures for 1994 and 1995 reflect 25- and 50-percent reductions in payments, respectively, as required by Public Law 103-130 which also terminated price support for mohair as of December 31, 1995. <sup>3</sup>No program. <sup>4</sup>Recourse loan program authorized by P.L. 105-277 for fiscal year 1999. No payments were involved. Market Loss Assistance Payments for 1999 crop mohair authorized by P.L. 106-224 on June 21, 2000. <sup>5</sup>Recourse loan program authorized by P.L. 106-78 for fiscal year 2000. No payments were involved. Market Loss Assistance Payments authorized by P.L. 106-387 for marketing year 2000 production. Additional payments authorized by P.L. 107-25. <sup>6</sup>Nonrecourse Marketing Assistance Loan Program authorized by Public Law 107-171, enacted May 12, 2002.

FSA, Fibers Analysis, (202) 720-7954.

**Table 7-64.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, Texas, 1994–2003**

| Year       | Goats clipped <sup>1</sup> | Average clip per<br>goat | Mohair<br>production | Price per pound | Value of<br>production <sup>2</sup> |
|------------|----------------------------|--------------------------|----------------------|-----------------|-------------------------------------|
|            | <i>Thousands</i>           | <i>Pounds</i>            | <i>1,000 pounds</i>  | <i>Dollars</i>  | <i>1,000 dollars</i>                |
| 1994 ..... | 1,600                      | 7.3                      | 11,680               | 2.62            | 30,602                              |
| 1995 ..... | 1,470                      | 7.7                      | 11,319               | 1.85            | 20,940                              |
| 1996 ..... | 1,070                      | 7.0                      | 7,490                | 1.95            | 14,606                              |
| 1997 ..... | 840                        | 7.6                      | 6,384                | 2.28            | 14,556                              |
| 1998 ..... | 620                        | 7.5                      | 4,650                | 2.59            | 12,044                              |
| 1999 ..... | 375                        | 6.8                      | 2,550                | 3.68            | 9,384                               |
| 2000 ..... | 345                        | 6.8                      | 2,346                | 4.30            | 10,088                              |
| 2001 ..... | 260                        | 6.6                      | 1,716                | 2.20            | 3,775                               |
| 2002 ..... | 240                        | 8.1                      | 1,944                | 1.60            | 3,110                               |
| 2003 ..... | 210                        | 8.0                      | 1,680                | 1.70            | 2,856                               |

<sup>1</sup>The number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall. <sup>2</sup>Production multiplied by marketing year average price per pound.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-65.—Red meat: Production, by class of slaughter, United States, 1994–2003**

| Year       | Commercial               |                       |                       | Farm                  | Total                 | Commercial            |                       |                       | Farm                  | Total                 |
|------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|            | Federally inspected      | Other                 | Total <sup>1</sup>    |                       |                       | Federally inspected   | Other                 | Total <sup>1</sup>    |                       |                       |
|            | Beef                     |                       |                       |                       |                       | Pork, excluding lard  |                       |                       |                       |                       |
|            | <i>Million pounds</i>    | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> |
| 1994 ..... | 23,875                   | 403                   | 24,278                | 108                   | 24,386                | 17,293                | 366                   | 17,659                | 38                    | 17,697                |
| 1995 ..... | 24,691                   | 426                   | 25,117                | 107                   | 25,224                | 17,467                | 343                   | 17,810                | 38                    | 17,848                |
| 1996 ..... | 24,948                   | 473                   | 25,421                | 106                   | 25,527                | 16,780                | 304                   | 17,084                | 32                    | 17,116                |
| 1997 ..... | 24,964                   | 420                   | 25,384                | 106                   | 25,490                | 16,962                | 283                   | 17,245                | 30                    | 17,275                |
| 1998 ..... | 25,264                   | 389                   | 25,653                | 107                   | 25,760                | 18,692                | 289                   | 18,981                | 30                    | 19,011                |
| 1999 ..... | 25,998                   | 387                   | 26,385                | 107                   | 26,492                | 18,977                | 301                   | 19,278                | 28                    | 19,306                |
| 2000 ..... | 26,405                   | 371                   | 26,776                | 111                   | 26,887                | 18,672                | 257                   | 18,929                | 24                    | 18,953                |
| 2001 ..... | 25,743                   | 365                   | 26,108                | 105                   | 26,213                | 18,899                | 240                   | 19,139                | 22                    | 19,161                |
| 2002 ..... | 26,714                   | 377                   | 27,091                | 102                   | 27,193                | 19,437                | 227                   | 19,664                | 21                    | 19,685                |
| 2003 ..... | 25,890                   | 358                   | 26,248                | 101                   | 26,349                | 19,775                | 208                   | 19,983                | 21                    | 20,004                |
|            | Veal                     |                       |                       |                       |                       | Lamb and Mutton       |                       |                       |                       |                       |
|            | <i>Million pounds</i>    | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> |
| 1994 ..... | 276                      | 7                     | 283                   | 10                    | 293                   | 297                   | 9                     | 306                   | 4                     | 310                   |
| 1995 ..... | 298                      | 9                     | 307                   | 11                    | 318                   | 276                   | 9                     | 284                   | 4                     | 288                   |
| 1996 ..... | 355                      | 13                    | 368                   | 11                    | 379                   | 258                   | 7                     | 265                   | 4                     | 269                   |
| 1997 ..... | 314                      | 9                     | 323                   | 10                    | 333                   | 250                   | 7                     | 257                   | 3                     | 260                   |
| 1998 ..... | 243                      | 8                     | 251                   | 10                    | 261                   | 242                   | 7                     | 249                   | 3                     | 252                   |
| 1999 ..... | 217                      | 7                     | 224                   | 9                     | 233                   | 236                   | 7                     | 243                   | 4                     | 247                   |
| 2000 ..... | 205                      | 10                    | 215                   | 10                    | 225                   | 224                   | 8                     | 232                   | 4                     | 236                   |
| 2001 ..... | 188                      | 6                     | 194                   | 10                    | 204                   | 216                   | 8                     | 224                   | 4                     | 228                   |
| 2002 ..... | 190                      | 6                     | 196                   | 9                     | 205                   | 209                   | 9                     | 218                   | 4                     | 222                   |
| 2003 ..... | 185                      | 7                     | 192                   | 10                    | 201                   | 190                   | 9                     | 199                   | 4                     | 203                   |
|            | All meat, excluding lard |                       |                       |                       |                       |                       |                       |                       |                       |                       |
|            | <i>Million pounds</i>    | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> |                       |                       |                       |                       |                       |
| 1994 ..... | 41,741                   | 785                   | 42,526                | 160                   | 42,686                | .....                 | .....                 | .....                 | .....                 | .....                 |
| 1995 ..... | 42,732                   | 787                   | 43,518                | 160                   | 43,678                | .....                 | .....                 | .....                 | .....                 | .....                 |
| 1996 ..... | 42,340                   | 798                   | 43,138                | 153                   | 43,291                | .....                 | .....                 | .....                 | .....                 | .....                 |
| 1997 ..... | 42,491                   | 718                   | 43,209                | 149                   | 43,358                | .....                 | .....                 | .....                 | .....                 | .....                 |
| 1998 ..... | 44,441                   | 692                   | 45,133                | 150                   | 45,283                | .....                 | .....                 | .....                 | .....                 | .....                 |
| 1999 ..... | 45,428                   | 702                   | 46,130                | 148                   | 46,278                | .....                 | .....                 | .....                 | .....                 | .....                 |
| 2000 ..... | 45,506                   | 645                   | 46,151                | 149                   | 46,300                | .....                 | .....                 | .....                 | .....                 | .....                 |
| 2001 ..... | 45,045                   | 619                   | 45,664                | 141                   | 45,805                | .....                 | .....                 | .....                 | .....                 | .....                 |
| 2002 ..... | 46,549                   | 620                   | 47,169                | 137                   | 47,305                | .....                 | .....                 | .....                 | .....                 | .....                 |
| 2003 ..... | 46,041                   | 581                   | 46,622                | 136                   | 46,757                | .....                 | .....                 | .....                 | .....                 | .....                 |

<sup>1</sup>Totals are based on unrounded data.

NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-66.—Meat: Production by types in specified countries, 2001 and 2002 <sup>1</sup>**

| Country                            | Beef and veal            |                          | Pork <sup>3</sup>        |                          | Total production         |                          |
|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                    | 2001                     | 2002 <sup>2</sup>        | 2001                     | 2002 <sup>2</sup>        | 2001                     | 2002 <sup>2</sup>        |
|                                    | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| Argentina .....                    | 2,640                    | 2,700                    | NA                       | NA                       | 2,640                    | 2,700                    |
| Australia .....                    | 2,049                    | 2,089                    | 379                      | 407                      | 2,428                    | 2,496                    |
| Brazil .....                       | 6,895                    | 7,240                    | 2,230                    | 2,565                    | 9,125                    | 9,805                    |
| Bulgaria .....                     | 62                       | 54                       | 121                      | 179                      | 183                      | 233                      |
| Canada .....                       | 1,250                    | 1,295                    | 1,729                    | 1,854                    | 2,979                    | 3,149                    |
| China, Peoples Re-<br>public ..... | 5,488                    | 5,846                    | 41,845                   | 43,266                   | 47,333                   | 49,112                   |
| Colombia .....                     | 681                      | 710                      | NA                       | NA                       | 681                      | 710                      |
| Costa Rica .....                   | 83                       | 80                       | NA                       | NA                       | 83                       | 80                       |
| Czech Republic .....               | 195                      | 202                      | 580                      | 585                      | 775                      | 787                      |
| Dominican Republic ..              | 46                       | 46                       | NA                       | NA                       | 46                       | 46                       |
| Egypt .....                        | 437                      | 442                      | NA                       | NA                       | 437                      | 442                      |
| El Salvador .....                  | 21                       | 20                       | NA                       | NA                       | 21                       | 20                       |
| European Union .....               | 6,896                    | 7,456                    | 17,419                   | 17,825                   | 24,315                   | 25,281                   |
| Guatemala .....                    | 45                       | 50                       | NA                       | NA                       | 45                       | 50                       |
| Honduras .....                     | 21                       | 21                       | NA                       | NA                       | 21                       | 21                       |
| Hong Kong .....                    | 15                       | 14                       | 165                      | 147                      | 180                      | 161                      |
| Hungary .....                      | NA                       | NA                       | 460                      | 467                      | 460                      | 467                      |
| India .....                        | 1,770                    | 1,810                    | NA                       | NA                       | 1,770                    | 1,810                    |
| Japan .....                        | 458                      | 535                      | 1,245                    | 1,260                    | 1,703                    | 1,795                    |
| Kazakhstan, Republic               | NA                       | NA                       | NA                       | NA                       | 0                        | 0                        |
| Korea, Republic of .....           | 221                      | 192                      | 1,077                    | 1,153                    | 1,298                    | 1,345                    |
| Mexico .....                       | 1,925                    | 1,930                    | 1,065                    | 1,085                    | 2,990                    | 3,015                    |
| New Zealand .....                  | 609                      | 589                      | NA                       | NA                       | 609                      | 589                      |
| Nicaragua .....                    | 60                       | 65                       | NA                       | NA                       | 60                       | 65                       |
| Philippines .....                  | 215                      | 220                      | 1,064                    | 1,095                    | 1,279                    | 1,315                    |
| Poland .....                       | 305                      | 280                      | 1,550                    | 1,640                    | 1,855                    | 1,920                    |
| Romania .....                      | 200                      | 198                      | 406                      | 414                      | 606                      | 612                      |
| Russian Federation ...             | 1,760                    | 1,740                    | 1,560                    | 1,630                    | 3,320                    | 3,370                    |
| Singapore .....                    | NA                       | NA                       | 19                       | 19                       | 19                       | 19                       |
| South Africa, Republic             | 665                      | 645                      | NA                       | NA                       | 665                      | 645                      |
| Taiwan .....                       | 5                        | 5                        | 962                      | 935                      | 967                      | 940                      |
| Turkey .....                       | 640                      | 646                      | NA                       | NA                       | 640                      | 646                      |
| Ukraine .....                      | 646                      | 704                      | 591                      | 599                      | 1,237                    | 1,303                    |
| United States .....                | 11,983                   | 12,427                   | 8,691                    | 8,929                    | 20,674                   | 21,356                   |
| Uruguay .....                      | 317                      | 425                      | NA                       | NA                       | 317                      | 425                      |
| Venezuela .....                    | 355                      | 357                      | NA                       | NA                       | 355                      | 357                      |
| <b>Total meat .....</b>            | <b>48,958</b>            | <b>51,033</b>            | <b>83,158</b>            | <b>86,030</b>            | <b>132,116</b>           | <b>137,063</b>           |

<sup>1</sup> Carcass weight basis; excludes offals, rabbit, and poultry meat. <sup>2</sup> Preliminary. <sup>3</sup> Includes edible pork fat, but excludes lard and inedible greases (except United States). NA-not available.

FAS, Dairy, Livestock and Poultry Division, (202) 720-8031. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 7-67.—Meat: United States exports by type of product, 1993–2002**

| Year                    | Beef and veal      |                    |                         | Lamb and mutton, fresh or frozen | Pork               |                    |                         | Variety meats, fresh, chilled, or frozen | Other meats        | Total <sup>1</sup> |
|-------------------------|--------------------|--------------------|-------------------------|----------------------------------|--------------------|--------------------|-------------------------|--|--------------------|--------------------|
|                         | Fresh and chilled  | Frozen             | Prepared and pre-served |                                  | Fresh and chilled  | Frozen             | Prepared and pre-served |  |                    |                    |
|                         | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>      | <i>Metric tons</i>               | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>      | <i>Metric tons</i>                       | <i>Metric tons</i> | <i>Metric tons</i> |
| 1993 .....              | 181,282            | 229,353            | 14,477                  | 3,608                            | 59,479             | 69,562             | 19,230                  | 358,502                                  | 234,899            | 1,170,391          |
| 1994 .....              | 242,391            | 275,067            | 13,419                  | 3,766                            | 80,609             | 68,805             | 27,960                  | 395,048                                  | 301,112            | 1,408,176          |
| 1995 .....              | 262,381            | 319,416            | 13,651                  | 2,511                            | 100,235            | 127,835            | 35,766                  | 466,213                                  | 353,207            | 1,681,215          |
| 1996 .....              | 273,276            | 324,329            | 14,577                  | 2,478                            | 101,975            | 166,058            | 38,481                  | 495,343                                  | 434,759            | 1,851,276          |
| 1997 .....              | 316,534            | 359,460            | 15,227                  | 2,545                            | 134,684            | 151,121            | 38,301                  | 469,789                                  | 435,258            | 1,922,918          |
| 1998 .....              | 346,403            | 352,050            | 17,966                  | 2,528                            | 147,006            | 209,134            | 43,789                  | 495,643                                  | 423,980            | 2,038,500          |
| 1999 .....              | 370,184            | 414,458            | 19,323                  | 2,219                            | 160,910            | 225,492            | 47,898                  | 524,325                                  | 455,561            | 2,220,369          |
| 2000 .....              | 395,588            | 417,538            | 21,791                  | 2,184                            | 208,055            | 185,241            | 44,836                  | 601,738                                  | 503,942            | 2,380,912          |
| 2001 .....              | 393,105            | 362,972            | 23,932                  | 2,770                            | 227,807            | 247,461            | 52,788                  | 685,063                                  | 513,969            | 2,509,866          |
| 2002 <sup>2</sup> ..... | 407,600            | 393,836            | 27,232                  | 3,042                            | 235,548            | 231,274            | 83,167                  | 592,185                                  | 619,491            | 2,593,375          |

<sup>1</sup> May not add due to rounding. <sup>2</sup> Preliminary.  
 FAS, Dairy, Livestock and Poultry Division, (202) 720–8031. Compiled from reports of the U.S. Department of Commerce.

**Table 7-68.—Meat: United States exports and imports into the United States, carcass weight equivalent, 1995–2004 <sup>1</sup>**

| Year                      | Exports               |                       |                       |                       | Imports               |                       |                       |                       |
|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                           | Beef and veal         | Lamb and mutton       | Pork <sup>2</sup>     | All meat              | Beef & veal           | Lamb and mutton       | Pork <sup>2</sup>     | All meat              |
|                           | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> |
| 1995 .....                | 1,821                 | 6                     | 787                   | 2,614                 | 2,104                 | 64                    | 664                   | 2,832                 |
| 1996 .....                | 1,877                 | 6                     | 970                   | 2,853                 | 2,073                 | 72                    | 620                   | 2,764                 |
| 1997 .....                | 2,136                 | 5                     | 1,044                 | 3,185                 | 2,343                 | 83                    | 634                   | 3,061                 |
| 1998 .....                | 2,171                 | 6                     | 1,230                 | 3,407                 | 2,643                 | 112                   | 705                   | 3,461                 |
| 1999 .....                | 2,412                 | 5                     | 1,277                 | 3,694                 | 2,873                 | 112                   | 827                   | 3,813                 |
| 2000 .....                | 2,468                 | 5                     | 1,287                 | 3,760                 | 3,032                 | 130                   | 967                   | 4,128                 |
| 2001 .....                | 2,269                 | 7                     | 1,560                 | 3,836                 | 3,164                 | 146                   | 951                   | 4,260                 |
| 2002 .....                | 2,447                 | 7                     | 1,611                 | 4,065                 | 3,218                 | 162                   | 1,070                 | 4,450                 |
| 2003 <sup>2</sup> .....   | 2,574                 | 6                     | 1,707                 | 4,287                 | 2,920                 | 164                   | 1,193                 | 4,277                 |
| 2004 <sup>4 5</sup> ..... | 220                   | 5                     | 1,765                 | 1,990                 | 3,330                 | 163                   | 1,235                 | 4,728                 |

<sup>1</sup> Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to U.S. Territories are included in domestic consumption. <sup>2</sup> The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." <sup>3</sup> Preliminary. <sup>4</sup> Forecast. <sup>5</sup> Reflects trade restrictions or bans in place February 9, 2004.

ERS, Market and Trade Economics Division, Animal Products Branch, (202) 694–5180. Data on imports and commercial exports are computed from records of the U.S. Department of Commerce, those on exports by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.



**Table 7-69.—Meat: United States imports, products weight basis, by country of origin, 2002**

| Country of origin        | Beef and veal      |                    |                             | Lamb, mutton, and goat, except canned | Pork               |                    |                             | Variety meats, fresh, chilled and frozen | Other livestock meats n.s.e. | Total              |
|--------------------------|--------------------|--------------------|-----------------------------|---------------------------------------|--------------------|--------------------|-----------------------------|--|------------------------------|--------------------|
|                          | Fresh              | Frozen             | Other prepared or preserved |                                       | Fresh and chilled  | Frozen             | Other prepared or preserved |  |                              |                    |
|                          | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>          | <i>Metric tons</i>                    | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>          | <i>Metric tons</i>                       | <i>Metric tons</i>           | <i>Metric tons</i> |
| Canada .....             | 359,438            | 22,672             | 6,428                       | 129                                   | 276,639            | 48,861             | 56,558                      | 40,300                                   | 5,303                        | 816,328            |
| Australia .....          | 27,292             | 350,808            | 943                         | 52,217                                | 0                  | 0                  | 0                           | 10,487                                   | 160                          | 441,907            |
| New Zealand .....        | 4,606              | 195,477            | 1,059                       | 21,455                                | 0                  | 0                  | 0                           | 3,401                                    | 1,071                        | 227,069            |
| European Union ...       | 0                  | 0                  | 0                           | 0                                     | 0                  | 41,446             | 21,414                      | 746                                      | 5,064                        | 68,670             |
| Brazil .....             | 0                  | 0                  | 49,677                      | 0                                     | 0                  | 0                  | 1                           | 0  | 116                          | 49,794             |
| Argentina .....          | 0                  | 28                 | 20,644                      | 0                                     | 0                  | 0                  | 0                           | 0  | 53                           | 20,725             |
| Uruguay .....            | 0                  | 4                  | 3,436                       | 0                                     | 0                  | 0                  | 0                           | 0  | 0                            | 3,440              |
| Nicaragua .....          | 3,939              | 10,290             | 0                           | 0                                     | 0                  | 0                  | 0                           | 146                                      | 0                            | 14,375             |
| Costa Rica .....         | 3,008              | 5,375              | 11                          | 0                                     | 0                  | 0                  | 0                           | 213                                      | 0                            | 8,607              |
| Poland .....             | 0                  | 0                  | 0                           | 0                                     | 0                  | 0                  | 7,323                       | 0  | 218                          | 7,541              |
| Mexico .....             | 2,201              | 1,539              | 2,292                       | 0                                     | 0                  | 2                  | 213                         | 28                                       | 717                          | 6,992              |
| Hungary .....            | 0                  | 0                  | 0                           | 0                                     | 0                  | 0                  | 1,900                       | 0  | 13                           | 1,913              |
| China .....              | 0                  | 0                  | 0                           | 0                                     | 0                  | 0                  | 0                           | 0  | 2,031                        | 2,031              |
| Honduras .....           | 0                  | 232                | 0                           | 0                                     | 0                  | 0                  | 0                           | 0  | 0                            | 232                |
| Other .....              | 0                  | 75                 | 150                         | 62                                    | 0                  | 114                | 467                         | 63                                       | 4,655                        | 5,586              |
| Total <sup>1</sup> ..... | 400,484            | 586,500            | 84,640                      | 73,863                                | 276,639            | 90,423             | 87,876                      | 55,384                                   | 19,401                       | 1,675,210          |

<sup>1</sup> May not add due to rounding. n.s.e. not specified elsewhere.

FAS, Dairy, Livestock and Poultry Division, (202) 720-8031. Compiled from reports of the U.S. Department of Commerce.

**Table 7-70.—Meat: United States imports by type of product, 1993-2002**

| Year              | Beef and Veal      |                    |                             | Lamb, mutton, and goat, except canned | Pork               |                    |                             | Variety meats, fresh or frozen | Other livestock meats n.s.e. | Total <sup>1</sup> |
|-------------------|--------------------|--------------------|-----------------------------|---------------------------------------|--------------------|--------------------|-----------------------------|--------------------------------|------------------------------|--------------------|
|                   | Fresh              | Frozen             | Other prepared or preserved |                                       | Fresh              | Frozen             | Other prepared or preserved |                                |                              |                    |
|                   | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>          | <i>Metric tons</i>                    | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>          | <i>Metric tons</i>             | <i>Metric tons</i>           | <i>Metric tons</i> |
| 1993 ..           | 157,471            | 561,906            | 73,880                      | 24,468                                | 126,831            | 80,821             | 94,238                      | 25,400                         | 13,371                       | 1,158,385          |
| 1994 ..           | 179,121            | 535,328            | 74,704                      | 23,276                                | 130,648            | 78,378             | 94,013                      | 27,511                         | 13,012                       | 1,155,990          |
| 1995 ..           | 175,540            | 466,378            | 65,399                      | 29,844                                | 133,101            | 61,286             | 79,155                      | 26,081                         | 12,539                       | 1,049,324          |
| 1996 ..           | 227,874            | 412,805            | 66,719                      | 33,009                                | 125,220            | 58,336             | 72,650                      | 32,579                         | 13,744                       | 1,042,934          |
| 1997 ..           | 262,985            | 469,949            | 63,181                      | 37,848                                | 126,061            | 65,000             | 72,903                      | 44,317                         | 14,215                       | 1,156,457          |
| 1998 ..           | 295,820            | 527,063            | 68,884                      | 51,630                                | 146,965            | 70,227             | 76,230                      | 47,031                         | 13,058                       | 1,296,907          |
| 1999 ..           | 337,899            | 542,524            | 82,669                      | 50,209                                | 188,556            | 77,638             | 84,207                      | 51,640                         | 13,625                       | 1,428,966          |
| 2000 ..           | 336,117            | 608,737            | 73,750                      | 59,968                                | 229,395            | 91,446             | 92,672                      | 57,388                         | 14,281                       | 1,563,753          |
| 2001 ..           | 368,529            | 618,897            | 73,713                      | 66,785                                | 240,275            | 84,687             | 83,724                      | 62,541                         | 16,723                       | 1,615,873          |
| 2002 <sup>2</sup> | 400,484            | 586,500            | 84,640                      | 73,863                                | 276,639            | 90,423             | 87,876                      | 55,384                         | 19,401                       | 1,675,210          |

<sup>1</sup> May not add due to rounding. <sup>2</sup> Preliminary. n.s.e. not specified elsewhere.

FAS, Dairy, Livestock and Poultry Division, (202) 720-8031. Compiled from reports of the U.S. Department of Commerce.

**Table 7-71.—Meat: International trade, selected countries, 2000–2002 <sup>1</sup>**

| Continent and country           | 2000              |                   | 2001              |                   | 2002 <sup>2</sup> |                   |
|---------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                                 | Exports           | Imports           | Exports           | Imports           | Exports           | Imports           |
|                                 | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons | 1,000 metric tons |
| Argentina .....                 | 357               | 19                | 168               | 17                | 348               | 9                 |
| Australia .....                 | 1,387             | 50                | 1,464             | 43                | 1,443             | 60                |
| Brazil .....                    | 655               | 72                | 1,085             | 44                | 1,471             | 78                |
| Bulgaria .....                  | 0                 | 19                | 0                 | 37                | 0                 | 40                |
| Canada .....                    | 1,181             | 331               | 1,302             | 390               | 1,473             | 398               |
| China, Peoples Republic .....   | 127               | 66                | 199               | 78                | 269               | 88                |
| Colombia .....                  | 2                 | 1                 | 5                 | 1                 | 5                 | 1                 |
| Costa Rica .....                | 17                | 1                 | 12                | 2                 | 9                 | 3                 |
| Czech Republic .....            | 8                 | 27                | 24                | 23                | 52                | 40                |
| Dominican Republic .....        | 0                 | 1                 | 0                 | 3                 | 0                 | 3                 |
| Egypt .....                     | 0                 | 236               | 0                 | 136               | 0                 | 162               |
| El Salvador .....               | 0                 | 14                | 0                 | 16                | 0                 | 16                |
| European Union .....            | 2,114             | 504               | 1,810             | 468               | 1,706             | 583               |
| Guatemala .....                 | 0                 | 5                 | 0                 | 6                 | 0                 | 7                 |
| Honduras .....                  | 3                 | 1                 | 3                 | 0                 | 3                 | 0                 |
| Hong Kong .....                 | 1                 | 319               | 1                 | 332               | 0                 | 346               |
| Hungary .....                   | 143               | 35                | 118               | 39                | 125               | 3                 |
| India .....                     | 365               | 0                 | 370               | 0                 | 416               | 0                 |
| Japan .....                     | 0                 | 2,054             | 2                 | 2,065             | 2                 | 1,869             |
| Kazakhstan, Republic .....      | 10                | 3                 | NA                | NA                | NA                | NA                |
| Korea, Republic of .....        | 30                | 498               | 42                | 369               | 15                | 585               |
| Mexico .....                    | 70                | 696               | 70                | 720               | 71                | 814               |
| New Zealand .....               | 505               | 14                | 516               | 15                | 503               | 22                |
| Nicaragua .....                 | 31                | 0                 | 28                | 0                 | 32                | 0                 |
| Philippines .....               | 0                 | 140               | 0                 | 117               | 0                 | 136               |
| Poland .....                    | 188               | 48                | 127               | 22                | 183               | 60                |
| Romania .....                   | 2                 | 43                | 0                 | 57                | 0                 | 88                |
| Russian Federation .....        | 10                | 998               | 7                 | 1,210             | 10                | 1,438             |
| Saudi Arabia .....              | NA                | NA                | NA                | NA                | NA                | NA                |
| Singapore .....                 | 3                 | 58                | 2                 | 37                | 2                 | 40                |
| South Africa, Rep. ....         | 14                | 37                | 17                | 23                | 11                | 17                |
| Switzerland .....               | NA                | NA                | NA                | NA                | NA                | NA                |
| Taiwan .....                    | 0                 | 137               | 0                 | 92                | 0                 | 120               |
| Turkey .....                    | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| Ukraine .....                   | 167               | 2                 | 100               | 6                 | 147               | 5                 |
| United States .....             | 1,703             | 1,814             | 1,737             | 1,866             | 1,841             | 1,945             |
| Uruguay .....                   | 236               | 0                 | 145               | 0                 | 259               | 2                 |
| Venezuela .....                 | 0                 | 2                 | 0                 | 4                 | 0                 | 2                 |
| <b>Total <sup>3</sup> .....</b> | <b>9,329</b>      | <b>8,245</b>      | <b>9,354</b>      | <b>8,238</b>      | <b>10,396</b>     | <b>8,980</b>      |

<sup>1</sup> Carcass weight equivalent of beef and veal, pork, and lamb, mutton and goat meat. Excludes fat, offals, and live animals. <sup>2</sup> Preliminary. <sup>3</sup> Totals may not add due to rounding.

FAS, Dairy, Livestock and Poultry Division, (202) 720-8031. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 7-72.—Meats and lard: Production and consumption, United States, 1995–2004<sup>1</sup>**

| Year                    | Beef                  |                       |               | Veal                  |                       |               | Lamb and mutton       |                       |               |
|-------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
|                         | Production            | Consumption           |               | Production            | Consumption           |               | Production            | Consumption           |               |
|                         |                       | Total                 | Per capita    |                       | Total                 | Per capita    |                       | Total                 | Per capita    |
|                         | <i>Million pounds</i> | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Pounds</i> |
| 1995 .....              | 25,222                | 25,534                | 97.1          | 319                   | 326                   | 1.2           | 285                   | 359                   | 1.3           |
| 1996 .....              | 25,525                | 25,861                | 96.0          | 378                   | 378                   | 1.4           | 268                   | 333                   | 1.1           |
| 1997 .....              | 25,490                | 25,611                | 93.8          | 334                   | 333                   | 1.2           | 260                   | 332                   | 1.2           |
| 1998 .....              | 25,760                | 26,305                | 95.2          | 262                   | 265                   | 1.0           | 251                   | 360                   | 1.3           |
| 1999 .....              | 26,493                | 26,936                | 96.4          | 235                   | 235                   | 0.8           | 248                   | 358                   | 1.3           |
| 2000 .....              | 26,888                | 27,338                | 96.8          | 225                   | 225                   | 0.8           | 234                   | 354                   | 1.3           |
| 2001 .....              | 26,212                | 27,026                | 94.6          | 205                   | 204                   | 0.7           | 227                   | 368                   | 1.3           |
| 2002 .....              | 27,192                | 27,878                | 96.6          | 205                   | 204                   | 0.7           | 223                   | 383                   | 1.3           |
| 2003 <sup>2</sup> ..... | 26,339                | 26,857                | 92.1          | 202                   | 204                   | 0.7           | 203                   | 364                   | 1.2           |
| 2004 <sup>3</sup> ..... | 25,480                | 28,534                | 96.4          | 195                   | 195                   | 0.7           | 198                   | 356                   | 1.2           |

  

| Year                    | Pork                  |                       |               | All meats             |                       |               | Lard                  |                       |               |
|-------------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|
|                         | Production            | Consumption           |               | Production            | Consumption           |               | Production            | Consumption           |               |
|                         |                       | Total                 | Per capita    |                       | Total                 | Per capita    |                       | Total                 | Per capita    |
|                         | <i>Million pounds</i> | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Pounds</i> |
| 1995 .....              | 17,849                | 17,768                | 67.5          | 43,677                | 43,967                | 167.1         | 1,040                 | 584                   | 2.23          |
| 1996 .....              | 17,117                | 16,797                | 62.3          | 43,288                | 43,369                | 161.1         | 998                   | 606                   | 2.3           |
| 1997 .....              | 17,274                | 16,823                | 61.6          | 43,358                | 43,099                | 157.9         | NA                    | NA                    | NA            |
| 1998 .....              | 19,010                | 18,308                | 66.3          | 45,283                | 45,238                | 163.8         | NA                    | NA                    | NA            |
| 1999 .....              | 19,308                | 18,954                | 67.8          | 46,284                | 46,483                | 166.4         | NA                    | NA                    | NA            |
| 2000 .....              | 18,952                | 18,643                | 66.0          | 46,299                | 46,560                | 164.8         | NA                    | NA                    | NA            |
| 2001 .....              | 19,160                | 18,492                | 64.8          | 45,804                | 46,089                | 161.4         | NA                    | NA                    | NA            |
| 2002 .....              | 19,685                | 19,147                | 66.3          | 47,305                | 47,612                | 165.0         | NA                    | NA                    | NA            |
| 2003 <sup>2</sup> ..... | 19,931                | 19,418                | 66.6          | 46,675                | 46,843                | 160.6         | NA                    | NA                    | NA            |
| 2004 <sup>3</sup> ..... | 20,097                | 19,559                | 66.4          | 45,970                | 48,644                | 165.1         | NA                    | NA                    | NA            |

<sup>1</sup> Carcass weight equivalent or dressed weight. Beginning 1977, pork production was no longer reported as "pork, excluding lard." This series has been revised to reflect pork production in prior years on a dressed weight basis that is comparable with the method used to report beef, veal, and lamb and mutton. Edible offals are excluded. Shipments to the U.S. territories are included in domestic consumption. <sup>2</sup> Preliminary. <sup>3</sup> Forecast. NA-not available.

ERS, Animal Products, (202) 694-5180.

**Table 7-73.—Hides and skins: United States imports by country of origin, 1998–2002**

| Country of origin                            | 1998                | 1999                | 2000                | 2001                | 2002 <sup>1</sup>   |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|
|  | <i>1,000 pieces</i> | <i>1,000 pieces</i> | <i>1,000 pieces</i> | <i>1,000 pieces</i> | <i>1,000 pieces</i> |
| <b>Cattle and buffalo hides:<sup>2</sup></b> |                     |                     |                     |                     |                     |
| Canada .....                                 | 1,808               | 1,742               | 1,876               | 1,615               | 1,227               |
| Mexico .....                                 | 72                  | 144                 | 48                  | 71                  | 56                  |
| Jamaica .....                                | 6                   | 4                   | 25                  | 11                  | 11                  |
| Australia .....                              | 1                   | 1                   | 0                   | 7                   | 0                   |
| New Zealand .....                            | 0                   | 0                   | 0                   | 7                   | 1                   |
| European Union .....                         | 4                   | 5                   | 11                  | 5                   | 3                   |
| Others .....                                 | 19                  | 11                  | 13                  | 5                   | 0                   |
| <b>Total .....</b>                           | <b>1,909</b>        | <b>1,906</b>        | <b>1,972</b>        | <b>1,721</b>        | <b>1,298</b>        |
| <b>Calf and kip:</b>                         |                     |                     |                     |                     |                     |
| Canada .....                                 | 238                 | 222                 | 57                  | 141                 | 322                 |
| Mexico .....                                 | 11                  | 1                   | 0                   | 12                  | 15                  |
| Australia .....                              | 4                   | 0                   | 0                   | 10                  | 0                   |
| New Zealand .....                            | 0                   | 0                   | 0                   | 3                   | 2                   |
| Brazil .....                                 | 1                   | 4                   | 0                   | 2                   | 3                   |
| European Union .....                         | 11                  | 10                  | 32                  | 1                   | 5                   |
| Others .....                                 | 4                   | 3                   | 19                  | 2                   | 37                  |
| <b>Total .....</b>                           | <b>270</b>          | <b>239</b>          | <b>108</b>          | <b>171</b>          | <b>384</b>          |
| <b>Goat and kid:</b>                         |                     |                     |                     |                     |                     |
| Mali .....                                   | 3                   | 64                  | 59                  | 50                  | 1                   |
| China; Peo .....                             | 0                   | 0                   | 10                  | 50                  | 0                   |
| Pakistan .....                               | 5                   | 57                  | 20                  | 16                  | 1                   |
| Peru .....                                   | 27                  | 0                   | 2                   | 13                  | 1                   |
| Canada .....                                 | 18                  | 10                  | 15                  | 10                  | 37                  |
| Saudi Arabia .....                           | 1                   | 0                   | 0                   | 0                   | 72                  |
| Others .....                                 | 5                   | 5                   | 2                   | 15                  | 3                   |
| <b>Total .....</b>                           | <b>59</b>           | <b>135</b>          | <b>109</b>          | <b>155</b>          | <b>115</b>          |
| <b>Sheep and lambs:<sup>3</sup></b>          |                     |                     |                     |                     |                     |
| New Zealand .....                            | 465                 | 702                 | 586                 | 443                 | 432                 |
| Canada .....                                 | 204                 | 36                  | 97                  | 265                 | 216                 |
| European Union .....                         | 310                 | 199                 | 151                 | 144                 | 38                  |
| Saudi Arabia .....                           | 0                   | 36                  | 48                  | 93                  | 43                  |
| Mali .....                                   | 30                  | 74                  | 56                  | 51                  | 0                   |
| Australia .....                              | 56                  | 3                   | 19                  | 28                  | 8                   |
| Nigeria .....                                | 0                   | 19                  | 0                   | 22                  | 0                   |
| South Africa .....                           | 18                  | 4                   | 0                   | 18                  | 0                   |
| Ethiopia .....                               | 156                 | 0                   | 0                   | 0                   | 0                   |
| Eritrea .....                                | 63                  | 96                  | 12                  | 12                  | 21                  |
| Others .....                                 | 87                  | 13                  | 24                  | 12                  | 47                  |
| <b>Total .....</b>                           | <b>1,389</b>        | <b>1,183</b>        | <b>993</b>          | <b>1,088</b>        | <b>805</b>          |

<sup>1</sup>Final. <sup>2</sup>Excludes pieces of cattle hides reported in units of weight. <sup>3</sup>Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

FAS, Dairy, Livestock, and Poultry Division, (202) 720-8031. Compiled from reports of the U.S. Department of Commerce.

**Table 7-74.—Hides, packer: Average price per hundred pounds, Central U.S., 1994–2003**

| Year       | Steers         |                |                |                |                  | Heifers        |                |                |
|------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|
|            | Heavy native   | Light native   | Heavy Texas    | Butt branded   | Colorado branded | Heavy native   | Light native   | Branded        |
|            | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>   | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| 1994 ..... | 87.40          | .....          | 66.07          | 81.14          | 77.66            | 94.99          | .....          | 86.00          |
| 1995 ..... | 88.05          | .....          | 66.27          | 82.32          | 77.98            | 93.69          | .....          | 80.76          |
| 1996 ..... | 87.62          | .....          | 63.76          | 79.75          | 73.72            | 92.15          | .....          | 82.27          |
| 1997 ..... | 87.66          | .....          | 64.60          | 80.03          | 77.00            | 90.99          | .....          | 82.39          |
| 1998 ..... | 76.39          | .....          | 49.65          | 62.14          | 56.54            | 75.45          | .....          | 63.12          |
| 1999 ..... | 72.36          | .....          | .....          | 64.28          | 60.83            | 73.80          | .....          | 67.25          |
| 2000 ..... | 80.17          | .....          | .....          | 73.67          | 71.24            | 83.41          | .....          | 77.54          |
| 2001 ..... | 85.84          | .....          | .....          | 79.79          | 75.90            | 85.52          | .....          | 85.44          |
| 2002 ..... | 82.25          | .....          | .....          | 75.97          | 71.07            | 85.73          | .....          | 78.75          |
| 2003 ..... | 83.83          | .....          | .....          | 78.58          | 73.29            | 88.34          | .....          | 80.20          |

AMS, Livestock & Grain Market News, (202) 720-7316.

**Table 7-75.—Hides and skins: United States exports by country of destination, 1998–2002**

| Country of destination                       | 1998                | 1999                | 2000                | 2001                | 2002 <sup>1</sup>   |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|
|  | <i>1,000 pieces</i> | <i>1,000 pieces</i> | <i>1,000 pieces</i> | <i>1,000 pieces</i> | <i>1,000 pieces</i> |
| <b>Cattle and buffalo hides:<sup>2</sup></b> |                     |                     |                     |                     |                     |
| Korea, Republic of .....                     | 4,923               | 5,996               | 7,048               | 7,540               | 6,918               |
| China, Peoples Rep .....                     | 2,165               | 1,816               | 3,558               | 5,342               | 6,391               |
| Taiwan .....                                 | 2,703               | 2,859               | 2,714               | 2,736               | 3,156               |
| Mexico .....                                 | 2,842               | 2,722               | 2,187               | 1,646               | 1,916               |
| Hong Kong .....                              | 349                 | 328                 | 553                 | 1,374               | 1,837               |
| Japan .....                                  | 1,414               | 1,253               | 1,430               | 1,316               | 1,364               |
| European Union .....                         | 1,752               | 1,151               | 1,522               | 1,302               | 2,580               |
| Thailand .....                               | 334                 | 345                 | 451                 | 862                 | 1,031               |
| Canada .....                                 | 1,092               | 828                 | 871                 | 716                 | 829                 |
| Brazil .....                                 | 89                  | 23                  | 38                  | 76                  | 267                 |
| Others .....                                 | 190                 | 255                 | 239                 | 343                 | 577                 |
| <b>Total .....</b>                           | <b>17,854</b>       | <b>17,575</b>       | <b>20,610</b>       | <b>23,252</b>       | <b>26,865</b>       |
| <b>Sheep and lamb skins:<sup>3</sup></b>     |                     |                     |                     |                     |                     |
| <b>Sheep:</b>                                |                     |                     |                     |                     |                     |
| Turkey .....                                 | 720                 | 1,024               | 1,450               | 1,609               | 2,557               |
| European Union .....                         | 315                 | 166                 | 193                 | 215                 | 91                  |
| Poland .....                                 | 25                  | 86                  | 122                 | 189                 | 93                  |
| Mexico .....                                 | 236                 | 358                 | 288                 | 98                  | 72                  |
| Guatemala .....                              | 0                   | 0                   | 0                   | 70                  | 0                   |
| Hong Kong .....                              | 5                   | 16                  | 112                 | 67                  | 14                  |
| Canada .....                                 | 96                  | 69                  | 86                  | 42                  | 34                  |
| Japan .....                                  | 7                   | 125                 | 48                  | 37                  | 0                   |
| Korea, Republic of .....                     | 185                 | 20                  | 26                  | 35                  | 151                 |
| China, Peoples Rep .....                     | 16                  | 139                 | 66                  | 18                  | 37                  |
| Others .....                                 | 97                  | 30                  | 13                  | 26                  | 7                   |
| <b>Total .....</b>                           | <b>1,702</b>        | <b>2,034</b>        | <b>2,404</b>        | <b>2,404</b>        | <b>3,055</b>        |
| <b>Calf and kip skins:<sup>4</sup></b>       |                     |                     |                     |                     |                     |
| European Union .....                         | 1,387               | 1,004               | 486                 | 798                 | 1,094               |
| Korea, Republic of .....                     | 83                  | 91                  | 976                 | 424                 | 1,138               |
| Japan .....                                  | 390                 | 282                 | 172                 | 136                 | 760                 |
| Brazil .....                                 | 0                   | 3                   | 12                  | 125                 | 211                 |
| Mexico .....                                 | 282                 | 248                 | 243                 | 117                 | 627                 |
| Hong Kong .....                              | 44                  | 26                  | 45                  | 99                  | 149                 |
| China, Peoples Rep .....                     | 145                 | 92                  | 58                  | 69                  | 937                 |
| India .....                                  | 0                   | 1                   | 23                  | 55                  | 50                  |
| Israel .....                                 | 38                  | 64                  | 18                  | 38                  | 39                  |
| Canada .....                                 | 44                  | 37                  | 59                  | 30                  | 8                   |
| Others .....                                 | 326                 | 218                 | 100                 | 100                 | 1,180               |
| <b>Total .....</b>                           | <b>2,738</b>        | <b>2,065</b>        | <b>2,192</b>        | <b>1,990</b>        | <b>6,193</b>        |

<sup>1</sup> Final. <sup>2</sup> Excludes pieces of cattle hides reported in units of pounds. <sup>3</sup> Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978. <sup>4</sup> Under the new harmonized system kip skin exports are included with calf skin exports.

FAS, Dairy, Livestock, and Poultry Division, (202) 720-8031. Compiled from reports of the U.S. Department of Commerce.

**Table 7-76.—Hides and skins: United States imports and exports, 1993–2002**

| Year                    | Imports             |                                 |                     |                             | Exports             |                                 |                             |
|-------------------------|---------------------|---------------------------------|---------------------|-----------------------------|---------------------|---------------------------------|-----------------------------|
|                         | Calf and kip        | Cattle and buffalo <sup>1</sup> | Goat and kid        | Sheep and lamb <sup>2</sup> | Calf and kip        | Cattle and buffalo <sup>3</sup> | Sheep and lamb <sup>2</sup> |
|                         | <i>1,000 pieces</i> | <i>1,000 pieces</i>             | <i>1,000 pieces</i> | <i>1,000 pieces</i>         | <i>1,000 pieces</i> | <i>1,000 pieces</i>             | <i>1,000 pieces</i>         |
| 1993 .....              | 310                 | 1,653                           | 108                 | 3,646                       | 2,612               | 18,207                          | 3,615                       |
| 1994 .....              | 104                 | 1,726                           | 50                  | 3,250                       | 4,491               | 17,983                          | 3,686                       |
| 1995 .....              | 337                 | 1,759                           | 57                  | 3,228                       | 5,207               | 20,048                          | 3,528                       |
| 1996 .....              | 678                 | 1,700                           | 171                 | 2,229                       | 3,347               | 20,296                          | 2,998                       |
| 1997 .....              | 750                 | 1,496                           | 60                  | 2,040                       | 3,060               | 18,987                          | 2,782                       |
| 1998 .....              | 270                 | 1,909                           | 58                  | 1,389                       | 2,738               | 17,854                          | 1,702                       |
| 1999 .....              | 239                 | 1,906                           | 135                 | 1,183                       | 2,065               | 17,575                          | 2,034                       |
| 2000 .....              | 108                 | 1,972                           | 109                 | 993                         | 2,192               | 20,610                          | 2,404                       |
| 2001 .....              | 171                 | 1,721                           | 155                 | 1,088                       | 1,990               | 23,252                          | 2,404                       |
| 2002 <sup>4</sup> ..... | 384                 | 1,298                           | 115                 | 805                         | 6,193               | 26,865                          | 3,055                       |

<sup>1</sup> Excludes pieces of cattle hides reported in units of weight. <sup>2</sup> Includes cabretta and hair sheepskins. <sup>3</sup> Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978. <sup>4</sup> Final.

FAS, Dairy, Livestock, and Poultry Division, (202) 720-8031. Compiled from reports of the U.S. Department of Commerce.

**Table 7-77.—Mink: Farms, pelts produced and value of mink pelts, United States, 1993–2002**

| Year                    | Mink farms    | Pelts produced  | Average marketing price | Value of mink pelts    |
|-------------------------|---------------|-----------------|-------------------------|------------------------|
|                         | <i>Number</i> | <i>Thousand</i> | <i>Dollars</i>          | <i>Million dollars</i> |
| 1993 .....              | 523           | 2,620           | 34.10                   | 89.3                   |
| 1994 .....              | 484           | 2,623           | 33.00                   | 86.6                   |
| 1995 .....              | 478           | 2,803           | 53.10                   | 148.8                  |
| 1996 .....              | 449           | 2,783           | 35.30                   | 98.2                   |
| 1997 .....              | 452           | 2,993           | 33.10                   | 99.1                   |
| 1998 .....              | 438           | 2,938           | 24.80                   | 72.9                   |
| 1999 .....              | 398           | 2,813           | 33.70                   | 94.8                   |
| 2000 .....              | 350           | 2,666           | 34.00                   | 90.6                   |
| 2001 .....              | 329           | 2,565           | 33.50                   | 85.9                   |
| 2002 <sup>1</sup> ..... | 318           | 2,600           | 30.60                   | 79.6                   |

<sup>1</sup> Preliminary.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 7-78.—Mink pelts: Number produced by color class, major States, and United States, 2002<sup>1</sup>**

| State                           | Black         | Demi wild     | Pastel        | Sapphire      | Blue Iris     | Mahogany      | Pearl         |
|---------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                 | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> |
| ID .....                        | 68,100        |               |               | 47,400        | 28,200        | 52,300        |               |
| IL .....                        | 41,900        |               |               |               |               |               |               |
| IA .....                        | 60,500        |               |               | 13,200        | 8,300         | 12,400        |               |
| MI .....                        |               |               |               |               |               |               |               |
| MN .....                        | 41,900        | 46,100        | 1,500         | 3,300         | 80,200        | 80,600        |               |
| NY .....                        |               |               |               |               |               |               |               |
| OH .....                        | 30,300        |               |               | 10,900        |               | 16,500        |               |
| OR .....                        | 83,400        |               |               | 25,400        | 143,300       |               |               |
| PA .....                        | 6,900         |               |               | 11,100        | 14,100        |               |               |
| SD .....                        |               |               |               |               |               |               |               |
| UT .....                        | 200,000       |               |               | 24,000        | 39,000        | 231,000       |               |
| WA .....                        | 42,600        | 18,500        |               |               | 48,900        |               |               |
| WI .....                        | 341,000       | 17,500        | 14,200        | 37,300        | 141,000       | 97,900        |               |
| Other States <sup>2</sup> ..... | 48,500        | 67,500        | 16,800        | 9,400         | 11,800        | 72,800        | 88,000        |
| US .....                        | 965,100       | 149,600       | 32,500        | 182,000       | 514,800       | 563,500       | 88,000        |

| State                           | Lavender      | Violet        | White         | Miscellaneous and unclassified | Total pelts   |
|---------------------------------|---------------|---------------|---------------|--------------------------------|---------------|
|                                 | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i>                  | <i>Number</i> |
| ID .....                        |               |               |               |                                | 228,900       |
| IL .....                        |               |               |               |                                | 53,500        |
| IA .....                        |               |               |               |                                | 111,600       |
| MI .....                        |               |               |               |                                | 57,000        |
| MN .....                        |               |               |               |                                | 267,000       |
| NY .....                        |               |               |               |                                | 4,800         |
| OH .....                        |               |               |               |                                | 63,300        |
| OR .....                        |               |               |               |                                | 270,200       |
| PA .....                        |               |               |               |                                | 53,600        |
| SD .....                        |               |               |               |                                | 78,200        |
| UT .....                        | 4,000         |               |               |                                | 575,000       |
| WA .....                        |               |               |               |                                | 110,000       |
| WI .....                        |               |               | 32,100        |                                | 685,000       |
| Other States <sup>2</sup> ..... | 5,800         | 11,500        | 43,000        | 8,500                          | 42,300        |
| US .....                        | 9,800         | 11,500        | 75,100        | 8,500                          | 2,600,400     |

<sup>1</sup> New color classes starting for 2002 pelts. <sup>2</sup> "Other States" include some pelts from the above listed States which were not published to avoid disclosing individual operations. Published color classes may not add to the State total.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 7-79.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1994–2003**

| Year       | Cattle       |                        | Calves       |                        | Sheep and lambs |                        |
|------------|--------------|------------------------|--------------|------------------------|-----------------|------------------------|
|            | Total head   | Condemned <sup>1</sup> | Total head   | Condemned <sup>1</sup> | Total head      | Condemned <sup>1</sup> |
|            | <i>1,000</i> | <i>1,000</i>           | <i>1,000</i> | <i>1,000</i>           | <i>1,000</i>    | <i>1,000</i>           |
| 1994 ..... | 33,179       | 164.5                  | 1,191        | 19.9                   | 4,645           | 13.0                   |
| 1995 ..... | 35,608       | 174.1                  | 1,394        | 24.7                   | 4,487           | 11.6                   |
| 1996 ..... | 37,574       | 181.5                  | 1,717        | 28.8                   | 4,271           | 11.0                   |
| 1997 ..... | 35,859       | 176.2                  | 1,583        | 27.1                   | 3,747           | 8.8                    |
| 1998 ..... | 33,280       | 157.1                  | 1,447        | 28.7                   | 3,455           | 7.3                    |
| 1999 ..... | 33,680       | 155.3                  | 1,368        | 26.6                   | 3,563           | 6.5                    |
| 2000 ..... | 35,136       | 188.9                  | 1,103        | 22.4                   | 3,316           | 5.8                    |
| 2001 ..... | 37,641       | 198.2                  | 1,333        | 25.2                   | 3,463           | 5.6                    |
| 2002 ..... | 31,404       | 165.9                  | 1,034        | 19.5                   | 2,922           | 5.4                    |
| 2003 ..... | NA           | NA                     | NA           | NA                     | NA              | NA                     |

  

| Year       | Goats        |                        | Hogs         |                        | Horses       |                        |
|------------|--------------|------------------------|--------------|------------------------|--------------|------------------------|
|            | Total head   | Condemned <sup>1</sup> | Total head   | Condemned <sup>1</sup> | Total head   | Condemned <sup>1</sup> |
|            | <i>1,000</i> | <i>1,000</i>           | <i>1,000</i> | <i>1,000</i>           | <i>1,000</i> | <i>1,000</i>           |
| 1994 ..... | 362          | 2.5                    | 90,206       | 212.1                  | 109          | 0.5                    |
| 1995 ..... | 331          | 1.9                    | 93,230       | 248.8                  | 112          | 0.5                    |
| 1996 ..... | 417          | 2.3                    | 93,182       | 320.7                  | 112          | 0.6                    |
| 1997 ..... | 374          | 1.9                    | 78,497       | 308.9                  | 88           | 0.4                    |
| 1998 ..... | 396          | 1.5                    | 93,259       | 395.9                  | 71           | 0.5                    |
| 1999 ..... | 463          | 2.5                    | 105,755      | 460.8                  | 62           | 0.4                    |
| 2000 ..... | 530          | 1.2                    | 93,385       | 410.8                  | 50           | 0.3                    |
| 2001 ..... | 592          | 1.1                    | 96,600       | 449.9                  | 62           | 0.2                    |
| 2002 ..... | 553          | 1.0                    | 89,855       | 379.0                  | 43           | 0.2                    |
| 2003 ..... | NA           | NA                     | NA           | NA                     | NA           | NA                     |

<sup>1</sup> Condemnations include ante-mortem and post-mortem inspection. Condemnations are for the fiscal year ending September 30. Data reported by Food Safety and Inspection Service, USDA.

NASS, Iowa Agricultural Statistics Service, (515) 284-4340.

**Table 7-80.—Livestock: Number and value, United States, Jan. 1, 2002–2004**

| Class of livestock and poultry  | Number       |              |                   | Value                 |                |                   |                |                |                   |
|---------------------------------|--------------|--------------|-------------------|-----------------------|----------------|-------------------|----------------|----------------|-------------------|
|                                 | 2002         | 2003         | 2004 <sup>1</sup> | Per head <sup>2</sup> |                |                   | Total          |                |                   |
|                                 |              |              |                   | 2002                  | 2003           | 2004 <sup>1</sup> | 2002           | 2003           | 2004 <sup>1</sup> |
|                                 | <i>Thou-</i> | <i>sands</i> | <i>Thou-</i>      | <i>Dollars</i>        | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000</i>   | <i>1,000</i>   | <i>1,000</i>      |
|                                 | <i>sands</i> | <i>sands</i> | <i>sands</i>      |                       |                |                   | <i>dollars</i> | <i>dollars</i> | <i>dollars</i>    |
| Cattle .....                    | 96,704       | 96,100       | 94,882            | 747.00                | 728.00         | 819.00            | 72,283,865     | 69,948,620     | 77,733,180        |
| Hogs <sup>3</sup> .....         | 59,804       | 59,513       | 60,040            | 77.00                 | 71.00          | 66.00             | 4,589,912      | 4,209,683      | 3,986,301         |
| Sheep and lambs .....           | 6,685        | 6,300        | 6,090             | 94.00                 | 104.00         | 118.00            | 618,123        | 654,288        | 721,314           |
| Angora goats <sup>4</sup> ..... | 302          | 285          | 260               | 51.70                 | 55.80          | 63.30             | 15,610         | 15,900         | 16,460            |
| Total <sup>5</sup> .....        | .....        | .....        | .....             | .....                 | .....          | .....             | 77,507,510     | 74,828,491     | 82,457,255        |
| Chickens <sup>3</sup> .....     | 441,569      | 443,881      | 448,748           | 2.42                  | 2.37           | 2.47              | 1,068,851      | 1,052,230      | 1,108,304         |
| Total <sup>6</sup> .....        | .....        | .....        | .....             | .....                 | .....          | .....             | 78,576,361     | 75,880,721     | 83,565,559        |

<sup>1</sup> Preliminary. <sup>2</sup> Based on reporters' estimates of average price per head in their localities. <sup>3</sup> Dec. 1 of preceding year. <sup>4</sup> AZ, NM, and TX only. <sup>5</sup> Cattle, hogs, sheep, and goats. <sup>6</sup> Includes all cattle, hogs, sheep, goats, and chickens (excluding broilers).

NASS, Livestock Branch, (202) 720-3570.

**Table 7-81.—Livestock: Average price per 100 pounds received by farmers, by States, 2001 and 2002**

| State    | Cows <sup>1</sup> |                | Steers and heifers |                | Beef cattle <sup>2</sup> |                | Calves         |                |
|----------|-------------------|----------------|--------------------|----------------|--------------------------|----------------|----------------|----------------|
|          | 2001              | 2002           | 2001               | 2002           | 2001                     | 2002           | 2001           | 2002           |
|          | <i>Dollars</i>    | <i>Dollars</i> | <i>Dollars</i>     | <i>Dollars</i> | <i>Dollars</i>           | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| AL ..... | 39.50             | 35.10          | 82.90              | 75.00          | 70.30                    | 63.50          | 100.00         | 90.00          |
| AK ..... | 65.00             | 70.00          | 90.00              | 90.00          | 79.00                    | 79.50          | 100.00         | 90.00          |
| AZ ..... | 40.60             | 35.20          | 72.20              | 69.40          | 71.90                    | 69.10          | 101.00         | 98.30          |
| AR ..... | 40.20             | 35.20          | 82.10              | 75.40          | 68.30                    | 63.90          | 101.00         | 86.00          |
| CA ..... | 38.90             | 35.90          | 74.10              | 68.40          | 53.90                    | 50.80          | 94.10          | 85.40          |
| CO ..... | 43.10             | 38.00          | 74.70              | 77.70          | 72.70                    | 77.40          | 102.00         | 91.80          |
| CT ..... | 40.00             | 40.00          | 55.00              | 60.00          | 55.00                    | 55.00          | 65.00          | 60.00          |
| DE ..... | 46.50             | 43.30          | 74.00              | 68.20          | 71.40                    | 66.00          | 90.60          | 88.00          |
| FL ..... | 42.20             | 37.80          | 84.00              | 74.90          | 52.30                    | 47.90          | 99.20          | 88.20          |
| GA ..... | 40.90             | 37.80          | 79.40              | 70.40          | 54.20                    | 49.20          | 95.70          | 87.00          |
| HI ..... | 28.70             | 29.00          | 50.90              | 47.80          | 41.30                    | 41.40          | 71.00          | 68.00          |
| ID ..... | 38.70             | 35.20          | 73.90              | 68.30          | 65.10                    | 60.10          | 99.00          | 88.60          |
| IL ..... | 41.40             | 38.60          | 73.20              | 67.40          | 72.60                    | 66.80          | 110.00         | 94.30          |
| IN ..... | 44.40             | 40.10          | 73.40              | 66.80          | 63.70                    | 57.80          | 90.80          | 80.40          |
| IA ..... | 42.40             | 36.90          | 73.10              | 66.40          | 72.80                    | 65.80          | 100.00         | 89.10          |
| KS ..... | 42.20             | 36.40          | 74.80              | 69.40          | 73.80                    | 68.60          | 107.00         | 98.20          |
| KY ..... | 40.70             | 37.00          | 81.60              | 73.80          | 71.70                    | 64.90          | 96.20          | 84.90          |
| LA ..... | 40.50             | 37.00          | 82.20              | 73.90          | 53.80                    | 49.00          | 97.90          | 88.00          |
| ME ..... | 45.00             | 40.00          | 65.00              | 65.00          | 60.00                    | 60.00          | 60.00          | 60.00          |
| MD ..... | 46.50             | 43.30          | 74.00              | 68.20          | 71.40                    | 66.00          | 90.60          | 88.00          |
| MA ..... | 40.00             | 40.00          | 55.00              | 55.00          | 55.00                    | 50.00          | 65.00          | 65.00          |
| MI ..... | 41.70             | 39.00          | 66.10              | 60.50          | 58.80                    | 54.20          | 109.00         | 104.00         |
| MN ..... | 42.80             | 39.60          | 71.00              | 64.70          | 65.90                    | 60.00          | 95.20          | 85.40          |
| MS ..... | 41.40             | 36.90          | 77.70              | 70.30          | 63.70                    | 60.40          | 95.40          | 82.20          |
| MO ..... | 40.80             | 36.30          | 87.30              | 79.50          | 76.20                    | 69.40          | 99.50          | 92.30          |
| MT ..... | 41.90             | 38.10          | 89.60              | 80.70          | 80.50                    | 70.50          | 99.20          | 90.10          |
| NE ..... | 40.20             | 36.00          | 73.60              | 69.10          | 72.60                    | 68.10          | 108.00         | 100.00         |
| NV ..... | 34.20             | 34.40          | 88.00              | 79.10          | 77.00                    | 67.90          | 109.00         | 92.40          |
| NH ..... | 40.00             | 38.00          | 65.00              | 65.00          | 60.00                    | 60.00          | 65.00          | 65.00          |
| NJ ..... | 41.00             | 37.00          | 59.00              | 54.00          | 45.00                    | 42.00          | 105.00         | 97.00          |
| NM ..... | 44.00             | 38.60          | 86.10              | 78.30          | 69.20                    | 62.70          | 102.00         | 93.60          |
| NY ..... | 38.40             | 36.20          | 64.90              | 57.50          | 40.20                    | 37.10          | 112.00         | 98.50          |
| NC ..... | 42.60             | 36.50          | 81.00              | 73.40          | 66.90                    | 59.40          | 91.30          | 82.10          |
| ND ..... | 40.80             | 36.30          | 85.70              | 79.70          | 77.50                    | 71.60          | 95.50          | 89.60          |
| OH ..... | 39.80             | 35.40          | 73.40              | 66.00          | 69.90                    | 62.90          | 96.60          | 78.50          |
| OK ..... | 40.90             | 37.00          | 87.60              | 78.00          | 79.20                    | 73.60          | 102.00         | 92.50          |
| OR ..... | 40.60             | 36.90          | 83.10              | 74.60          | 70.40                    | 63.30          | 93.60          | 85.30          |
| PA ..... | 42.20             | 38.80          | 71.10              | 65.20          | 63.60                    | 58.40          | 115.00         | 112.00         |
| RI ..... | 45.00             | 40.00          | 60.00              | 60.00          | 55.00                    | 50.00          | 65.00          | 60.00          |
| SC ..... | 44.80             | 40.60          | 77.30              | 66.60          | 69.20                    | 60.30          | 98.00          | 83.60          |
| SD ..... | 41.40             | 37.50          | 83.10              | 75.20          | 76.50                    | 69.60          | 106.00         | 96.20          |
| TN ..... | 39.60             | 35.10          | 81.70              | 73.80          | 65.00                    | 58.30          | 94.30          | 81.80          |
| TX ..... | 39.80             | 36.50          | 76.60              | 70.00          | 73.50                    | 67.10          | 107.00         | 95.50          |
| UT ..... | 40.80             | 37.20          | 79.30              | 71.90          | 76.60                    | 69.50          | 104.00         | 93.10          |
| VT ..... | 40.00             | 38.00          | 70.00              | 65.00          | 65.00                    | 60.00          | 65.00          | 65.00          |
| VA ..... | 37.80             | 34.70          | 78.80              | 69.90          | 65.60                    | 59.10          | 91.50          | 81.40          |
| WA ..... | 41.40             | 36.90          | 84.60              | 75.50          | 78.20                    | 69.70          | 95.70          | 82.90          |
| WV ..... | 37.00             | 34.10          | 76.10              | 69.00          | 60.20                    | 53.50          | 83.90          | 74.00          |
| WI ..... | 41.30             | 38.40          | 71.70              | 64.40          | 54.10                    | 49.40          | 132.00         | 129.00         |
| WY ..... | 41.50             | 38.00          | 88.80              | 79.50          | 81.20                    | 71.90          | 106.00         | 92.60          |
| US ..... | 40.90             | 37.30          | 75.10              | 70.10          | 71.30                    | 66.50          | 106.00         | 96.40          |

See footnotes at end of table.



**Table 7-81.—Livestock: Average price per 100 pounds received by farmers, by States, 2001 and 2002—Continued**

| State                           | Hogs <sup>3</sup> |                | Lambs          |                | Sheep          |                |
|---------------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|
|                                 | 2001              | 2002           | 2001           | 2002           | 2001           | 2002           |
|                                 | <i>Dollars</i>    | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| AL .....                        | 41.60             | 31.70          | .....          | .....          | .....          | .....          |
| AK .....                        | 61.00             | 61.50          | .....          | .....          | .....          | .....          |
| AZ .....                        | 47.00             | 39.20          | 70.00          | 74.00          | 37.80          | 33.00          |
| AR .....                        | 40.70             | 30.70          | .....          | .....          | .....          | .....          |
| CA .....                        | 44.90             | 34.20          | 67.30          | 69.40          | 30.20          | 27.10          |
| CO .....                        | 47.10             | 36.20          | 65.30          | 73.30          | 31.90          | 25.60          |
| CT .....                        | 41.00             | 36.00          | .....          | .....          | .....          | .....          |
| DE .....                        | 38.90             | 31.40          | .....          | .....          | .....          | .....          |
| FL .....                        | 37.90             | 28.50          | .....          | .....          | .....          | .....          |
| GA .....                        | 42.40             | 33.20          | .....          | .....          | .....          | .....          |
| HI .....                        | 83.20             | 84.00          | .....          | .....          | .....          | .....          |
| ID .....                        | 48.00             | 38.10          | 54.20          | 72.60          | 32.00          | 29.90          |
| IL .....                        | 43.90             | 33.40          | 68.00          | 68.00          | 30.00          | 27.00          |
| IN .....                        | 42.90             | 32.40          | 62.70          | 68.60          | 35.40          | 28.00          |
| IA .....                        | 46.30             | 34.20          | 64.40          | 72.10          | 33.20          | 29.00          |
| KS .....                        | 41.90             | 31.30          | 64.50          | 70.90          | 29.90          | 25.70          |
| KY .....                        | 42.00             | 31.00          | .....          | .....          | .....          | .....          |
| LA .....                        | 36.50             | 26.20          | .....          | .....          | .....          | .....          |
| ME .....                        | 41.00             | 36.00          | .....          | .....          | .....          | .....          |
| MD .....                        | 38.90             | 31.40          | .....          | .....          | .....          | .....          |
| MA .....                        | 41.00             | 36.00          | .....          | .....          | .....          | .....          |
| MI .....                        | 41.70             | 30.70          | 70.00          | 70.00          | 31.00          | 26.00          |
| MN .....                        | 45.50             | 34.60          | 62.00          | 71.10          | 24.90          | 22.30          |
| MS .....                        | 41.80             | 31.30          | .....          | .....          | .....          | .....          |
| MO .....                        | 41.30             | 30.10          | 70.00          | 70.00          | 35.00          | 28.00          |
| MT .....                        | 43.60             | 35.90          | 59.80          | 80.30          | 33.90          | 26.60          |
| NE .....                        | 46.30             | 36.60          | 61.20          | 73.60          | 34.50          | 27.40          |
| NV .....                        | 41.60             | 33.20          | 67.70          | 72.80          | 30.50          | 24.10          |
| NH <sup>4</sup> .....           | 41.00             | 36.00          | 115.00         | 110.00         | 40.00          | 35.00          |
| NJ .....                        | 35.60             | 26.00          | .....          | .....          | .....          | .....          |
| NM .....                        | 39.20             | 28.50          | 67.30          | 75.50          | 35.10          | 31.80          |
| NY .....                        | 38.70             | 30.90          | 104.00         | 92.10          | 38.50          | 32.20          |
| NC .....                        | 44.70             | 34.00          | .....          | .....          | .....          | .....          |
| ND .....                        | 45.40             | 36.40          | 62.90          | 72.10          | 29.00          | 23.60          |
| OH .....                        | 43.70             | 33.20          | 72.30          | 75.10          | 32.80          | 23.80          |
| OK .....                        | 40.20             | 29.50          | 74.00          | 74.00          | 33.00          | 29.00          |
| OR .....                        | 47.30             | 37.20          | 68.20          | 68.00          | 28.80          | 25.50          |
| PA .....                        | 40.40             | 30.30          | 78.70          | 90.00          | 34.20          | 30.00          |
| RI .....                        | 41.00             | 36.00          | .....          | .....          | .....          | .....          |
| SC .....                        | 42.50             | 33.30          | .....          | .....          | .....          | .....          |
| SD .....                        | 45.40             | 34.60          | 73.60          | 79.10          | 33.20          | 30.00          |
| TN .....                        | 43.00             | 32.10          | .....          | .....          | .....          | .....          |
| TX .....                        | 39.10             | 28.70          | 74.80          | 75.90          | 42.70          | 35.30          |
| UT .....                        | 47.90             | 39.30          | 61.00          | 75.60          | 27.10          | 25.40          |
| VT .....                        | 41.00             | 36.00          | .....          | .....          | .....          | .....          |
| VA .....                        | 40.50             | 31.90          | 80.60          | 80.60          | 38.50          | 26.80          |
| WA .....                        | 44.10             | 36.40          | 65.00          | 69.00          | 31.30          | 28.60          |
| WV .....                        | 38.90             | 32.00          | 69.10          | 77.00          | 30.50          | 25.30          |
| WI .....                        | 39.10             | 28.70          | 61.70          | 71.80          | 28.50          | 24.50          |
| WY .....                        | 43.60             | 31.30          | 70.80          | 78.90          | 30.00          | 29.10          |
| Other States <sup>5</sup> ..... | .....             | .....          | 70.00          | 75.00          | 34.00          | 29.00          |
| US .....                        | 44.30             | 33.40          | 66.90          | 74.10          | 34.60          | 28.20          |

<sup>1</sup> Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement. <sup>2</sup> Weighted average of prices for cows, and for steers and heifers. <sup>3</sup> December of preceding year through November. <sup>4</sup> For lambs and sheep, CT, ME, MA, NH, RI and VT are included in NH. <sup>5</sup> AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC and TN.

NASS, Livestock Branch, (202) 720-3570.

**Table 7-82.—Frozen meat: Cold storage holdings, end of month, United States, 2002 and 2003**

| Month          | Boneless beef       |                     | Beef cuts           |                     | Total beef          |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 397,326             | 418,032             | 58,125              | 64,387              | 455,451             | 482,419             |
| February ..... | 387,401             | 380,164             | 51,627              | 61,691              | 439,028             | 441,855             |
| March .....    | 359,552             | 344,982             | 50,940              | 58,166              | 410,492             | 403,148             |
| April .....    | 350,736             | 336,561             | 55,002              | 53,092              | 405,738             | 389,653             |
| May .....      | 351,227             | 336,910             | 50,533              | 48,212              | 401,760             | 385,122             |
| June .....     | 345,231             | 322,555             | 51,638              | 48,922              | 396,869             | 371,477             |
| July .....     | 360,127             | 317,680             | 56,407              | 50,568              | 416,534             | 368,248             |
| August .....   | 406,336             | 316,788             | 55,421              | 54,204              | 461,757             | 370,992             |
| September ...  | 439,605             | 323,261             | 55,302              | 56,567              | 494,907             | 379,828             |
| October .....  | 463,814             | 319,538             | 61,353              | 55,633              | 525,167             | 375,171             |
| November ..... | 453,370             | 322,767             | 59,197              | 51,003              | 512,567             | 373,770             |
| December ....  | 463,057             | 341,799             | 61,584              | 53,285              | 524,641             | 395,084             |

  

| Month          | Picnics             |                     | Bellies             |                     | Butts               |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 11,778              | 10,365              | 50,849              | 35,354              | 17,612              | 18,066              |
| February ..... | 12,617              | 11,552              | 57,569              | 38,278              | 17,270              | 17,555              |
| March .....    | 14,297              | 12,023              | 60,721              | 42,971              | 16,339              | 17,264              |
| April .....    | 15,927              | 10,195              | 63,293              | 48,542              | 16,037              | 15,991              |
| May .....      | 14,621              | 9,258               | 62,269              | 45,870              | 14,280              | 12,939              |
| June .....     | 14,304              | 7,822               | 51,019              | 43,504              | 11,896              | 8,805               |
| July .....     | 13,563              | 7,253               | 29,925              | 32,075              | 11,188              | 8,594               |
| August .....   | 11,314              | 6,208               | 14,250              | 17,900              | 9,033               | 7,988               |
| September ...  | 11,958              | 10,530              | 9,452               | 10,180              | 11,211              | 8,273               |
| October .....  | 16,777              | 11,999              | 10,354              | 21,135              | 9,858               | 7,422               |
| November ..... | 11,879              | 11,377              | 18,059              | 33,073              | 14,304              | 11,285              |
| December ....  | 8,132               | 14,591              | 28,254              | 49,017              | 16,587              | 12,176              |

  

| Month          | Hams                |                     |                     |                     |                     |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | Bone-in             |                     | Boneless            |                     | Total               |                     |
|                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 28,619              | 41,641              | 40,238              | 37,808              | 68,857              | 79,449              |
| February ..... | 33,298              | 49,131              | 41,172              | 40,063              | 74,470              | 89,194              |
| March .....    | 30,143              | 43,731              | 42,900              | 47,218              | 73,043              | 90,949              |
| April .....    | 45,736              | 42,955              | 54,104              | 48,735              | 99,840              | 91,690              |
| May .....      | 56,063              | 52,986              | 72,135              | 51,609              | 128,198             | 104,595             |
| June .....     | 67,086              | 66,249              | 63,304              | 46,970              | 130,390             | 113,219             |
| July .....     | 76,508              | 72,991              | 59,246              | 48,260              | 135,754             | 121,251             |
| August .....   | 86,684              | 85,245              | 53,515              | 42,541              | 140,199             | 127,786             |
| September ...  | 99,406              | 89,107              | 56,223              | 42,895              | 155,629             | 132,002             |
| October .....  | 91,935              | 75,229              | 55,892              | 35,644              | 147,827             | 110,873             |
| November ..... | 45,504              | 44,178              | 42,181              | 29,430              | 87,685              | 73,608              |
| December ....  | 22,777              | 25,082              | 36,836              | 24,774              | 59,613              | 49,856              |

  

| Month          | Loins               |                     |                     |                     |                     |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | Bone-in             |                     | Boneless            |                     | Total               |                     |
|                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 21,297              | 22,879              | 20,545              | 21,167              | 41,842              | 44,046              |
| February ..... | 18,368              | 22,794              | 21,850              | 21,542              | 40,218              | 44,336              |
| March .....    | 18,322              | 20,070              | 21,741              | 19,706              | 40,063              | 39,776              |
| April .....    | 19,147              | 17,510              | 20,587              | 20,654              | 39,734              | 38,164              |
| May .....      | 16,751              | 16,095              | 15,583              | 15,420              | 32,334              | 31,515              |
| June .....     | 15,535              | 12,628              | 14,227              | 16,119              | 29,762              | 28,747              |
| July .....     | 12,723              | 11,546              | 13,253              | 16,065              | 25,976              | 27,611              |
| August .....   | 11,308              | 10,341              | 13,293              | 18,908              | 24,601              | 29,249              |
| September ...  | 13,185              | 10,395              | 12,803              | 14,241              | 25,988              | 24,636              |
| October .....  | 13,715              | 12,435              | 15,526              | 19,850              | 29,241              | 32,285              |
| November ..... | 17,055              | 20,678              | 18,372              | 19,446              | 35,427              | 40,124              |
| December ....  | 22,557              | 26,175              | 19,605              | 21,736              | 42,162              | 47,911              |

See end of table.

**Table 7-82.—Frozen meat: Cold storage holdings, end of month, United States, 2002 and 2003—Continued**

| Month          | Ribs                |                     | Trimmings           |                     | Other frozen pork   |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 86,302              | 98,433              | 59,583              | 55,043              | 84,928              | 80,727              |
| February ..... | 83,356              | 96,999              | 64,150              | 55,121              | 75,735              | 76,996              |
| March .....    | 86,324              | 96,720              | 69,371              | 58,472              | 83,424              | 78,364              |
| April .....    | 84,410              | 92,877              | 75,602              | 57,178              | 81,463              | 68,581              |
| May .....      | 67,755              | 71,661              | 67,069              | 48,211              | 66,637              | 74,583              |
| June .....     | 53,007              | 55,570              | 53,681              | 42,159              | 61,438              | 68,130              |
| July .....     | 52,211              | 49,212              | 48,681              | 36,245              | 55,714              | 61,566              |
| August .....   | 51,522              | 46,039              | 49,459              | 35,311              | 59,749              | 58,188              |
| September ...  | 52,362              | 46,558              | 45,136              | 31,057              | 63,273              | 64,123              |
| October .....  | 57,985              | 53,694              | 49,447              | 34,435              | 73,826              | 71,256              |
| November ....  | 77,728              | 64,977              | 50,737              | 38,332              | 75,805              | 69,813              |
| December ....  | 93,296              | 79,995              | 54,510              | 45,315              | 77,908              | 76,235              |

  

| Month          | Variety meats       |                     | Unclassified pork   |                     | Total pork          |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 49,500              | 40,386              | 32,631              | 50,788              | 503,882             | 512,657             |
| February ..... | 50,422              | 43,687              | 35,122              | 45,995              | 510,929             | 519,713             |
| March .....    | 51,371              | 46,083              | 36,500              | 47,877              | 531,453             | 530,499             |
| April .....    | 52,815              | 49,824              | 38,598              | 46,951              | 567,719             | 519,993             |
| May .....      | 51,600              | 51,276              | 43,239              | 49,811              | 548,002             | 499,719             |
| June .....     | 51,589              | 47,736              | 40,731              | 44,320              | 497,817             | 460,012             |
| July .....     | 58,852              | 55,857              | 40,320              | 40,990              | 472,184             | 440,654             |
| August .....   | 58,416              | 60,517              | 45,834              | 41,053              | 464,377             | 430,239             |
| September ...  | 54,991              | 56,845              | 50,227              | 50,948              | 480,227             | 435,152             |
| October .....  | 41,040              | 50,403              | 53,447              | 53,341              | 489,802             | 446,843             |
| November ....  | 42,849              | 42,107              | 49,469              | 54,244              | 463,942             | 438,940             |
| December ....  | 37,926              | 39,676              | 50,113              | 55,884              | 468,501             | 470,656             |

  

| Month          | Veal                |                     | Lamb & mutton       |                     | Canned hams         |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 5,121               | 7,086               | 13,110              | 6,232               | 4,905               | 5,725               |
| February ..... | 4,873               | 6,111               | 11,269              | 4,063               | 4,342               | 5,842               |
| March .....    | 3,981               | 5,925               | 10,528              | 3,900               | 5,053               | 7,775               |
| April .....    | 3,504               | 4,972               | 13,172              | 5,016               | 5,944               | 6,371               |
| May .....      | 3,736               | 5,104               | 12,938              | 5,838               | 6,154               | 4,939               |
| June .....     | 3,329               | 4,072               | 13,553              | 5,427               | 6,182               | 6,070               |
| July .....     | 3,658               | 3,797               | 14,215              | 5,929               | 5,776               | 5,706               |
| August .....   | 3,720               | 4,165               | 14,458              | 5,855               | 6,129               | 5,459               |
| September ...  | 4,376               | 4,597               | 11,961              | 6,210               | 6,045               | 5,761               |
| October .....  | 5,217               | 4,762               | 12,004              | 4,485               | 6,507               | 5,230               |
| November ....  | 7,511               | 4,968               | 9,255               | 4,883               | 4,051               | 4,727               |
| December ....  | 6,955               | 5,027               | 7,124               | 3,795               | 3,446               | 3,945               |

  

| Month          | Other canned meat   |                     | Total red meat      |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|
|                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 105                 | 1,049               | 982,574             | 1,015,168           |
| February ..... | 275                 | 665                 | 970,716             | 978,249             |
| March .....    | 395                 | 643                 | 961,902             | 951,890             |
| April .....    | 524                 | 771                 | 996,601             | 926,776             |
| May .....      | 360                 | 786                 | 972,950             | 901,508             |
| June .....     | 287                 | 429                 | 918,037             | 847,487             |
| July .....     | 239                 | 685                 | 912,606             | 825,019             |
| August .....   | 240                 | 607                 | 950,681             | 817,317             |
| September ...  | 332                 | 577                 | 997,848             | 832,125             |
| October .....  | 170                 | 425                 | 1,038,867           | 836,916             |
| November ....  | 362                 | 778                 | 997,688             | 828,066             |
| December ....  | 804                 | 451                 | 1,011,471           | 878,958             |

NASS, Livestock Branch, (202) 720-8784.

## CHAPTER VIII

### DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

**Table 8-1.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1995–2004**

| Year                    | Milk cows and heifers<br>that have calved | Heifers 500 pounds and<br>over kept for<br>milk cow<br>replacements |
|-------------------------|---|---|
|                         | <i>Thousands</i>                          | <i>Thousands</i>  |
| 1995 .....              | 9,482                                     | 4,121   |
| 1996 .....              | 9,420                                     | 4,090   |
| 1997 .....              | 9,318                                     | 4,058   |
| 1998 .....              | 9,199                                     | 3,986   |
| 1999 .....              | 9,133                                     | 4,069   |
| 2000 .....              | 9,190                                     | 4,000   |
| 2001 .....              | 9,183                                     | 4,057   |
| 2002 .....              | 9,112                                     | 4,060   |
| 2003 .....              | 9,142                                     | 4,114   |
| 2004 <sup>1</sup> ..... | 8,991                                     | 4,020   |

<sup>1</sup> Preliminary.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-2.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 2003 and 2004**

| State    | Milk cows and heifers that have calved |                   | Heifers 500 pounds and over kept for milk cow replacements |                   |
|----------|--|-------------------|--|-------------------|
|          | 2003                                   | 2004 <sup>1</sup> | 2003   | 2004 <sup>1</sup> |
|          | <i>Thousands</i>                       | <i>Thousands</i>  | <i>Thousands</i>   | <i>Thousands</i>  |
| AL ..... | 19                                     | 18                | 7  | 7                 |
| AK ..... | 1.3                                    | 1.2               | 0.6  | 0.5               |
| AZ ..... | 155                                    | 155               | 35   | 37                |
| AR ..... | 31                                     | 28                | 10   | 10                |
| CA ..... | 1,670                                  | 1,700             | 790  | 730               |
| CO ..... | 98                                     | 98                | 38   | 45                |
| CT ..... | 23                                     | 21                | 11.0   | 10.5              |
| DE ..... | 9                                      | 8                 | 2.7  | 2.8               |
| FL ..... | 147                                    | 140               | 40   | 40                |
| GA ..... | 85                                     | 84                | 29   | 26                |
| HI ..... | 7                                      | 6                 | 3  | 2                 |
| ID ..... | 390                                    | 412               | 190  | 180               |
| IL ..... | 114                                    | 108               | 50   | 52                |
| IN ..... | 145                                    | 143               | 55   | 55                |
| IA ..... | 208                                    | 196               | 100  | 95                |
| KS ..... | 112                                    | 110               | 50   | 80                |
| KY ..... | 120                                    | 112               | 45   | 40                |
| LA ..... | 45                                     | 41                | 10   | 10                |
| ME ..... | 36                                     | 34                | 19.0   | 18.5              |
| MD ..... | 80                                     | 77                | 32   | 30                |
| MA ..... | 20                                     | 18                | 10.0   | 9.0               |
| MI ..... | 301                                    | 300               | 135  | 130               |
| MN ..... | 480                                    | 465               | 295  | 280               |
| MS ..... | 33                                     | 29                | 15   | 12                |
| MO ..... | 134                                    | 125               | 55   | 60                |
| MT ..... | 18                                     | 18                | 11   | 8                 |
| NE ..... | 66                                     | 62                | 20   | 20                |
| NV ..... | 25                                     | 26                | 11   | 10                |
| NH ..... | 17                                     | 16                | 8.0  | 8.0               |
| NJ ..... | 13                                     | 12                | 6  | 6                 |
| NM ..... | 314                                    | 325               | 70   | 75                |
| NY ..... | 675                                    | 658               | 325  | 300               |
| NC ..... | 63                                     | 58                | 28   | 27                |
| ND ..... | 37                                     | 33                | 13   | 14                |
| OH ..... | 260                                    | 258               | 110  | 115               |
| OK ..... | 83                                     | 80                | 30   | 20                |
| OR ..... | 117                                    | 117               | 60   | 70                |
| PA ..... | 590                                    | 564               | 280  | 280               |
| RI ..... | 1.4                                    | 1.3               | 0.6  | 0.7               |
| SC ..... | 20                                     | 17                | 8  | 7                 |
| SD ..... | 84                                     | 79                | 30   | 35                |
| TN ..... | 84                                     | 77                | 40   | 35                |
| TX ..... | 320                                    | 317               | 110  | 110               |
| UT ..... | 91                                     | 89                | 45   | 40                |
| VT ..... | 153                                    | 146               | 60   | 67                |
| VA ..... | 116                                    | 105               | 48   | 38                |
| WA ..... | 247                                    | 240               | 105  | 95                |
| WV ..... | 15                                     | 14                | 7  | 4                 |
| WI ..... | 1,265                                  | 1,245             | 660  | 670               |
| WY ..... | 4                                      | 4                 | 1  | 3                 |
| US ..... | 9,141.7                                | 8,990.5           | 4,113.9  | 4,020.0           |

<sup>1</sup> Preliminary.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-3.—Milk-feed price ratios: All milk-price; dairy feed, 16%; Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1993-2002**

| Year       | All milk price cwt. | 16% dairy feed price cwt <sup>1</sup> | Milk-feed price ratio <sup>2</sup> |
|------------|---------------------|---------------------------------------|------------------------------------|
|            | <i>Dollars</i>      | <i>Dollars</i>                        | <i>Pounds</i>                      |
| 1993 ..... | 12.80               | 9.00                                  | 2.80                               |
| 1994 ..... | 12.97               | 9.20                                  | 2.65                               |
| 1995 ..... | 12.74               | 8.70                                  | 2.59                               |
| 1996 ..... | 14.75               | 11.25                                 | 2.44                               |
| 1997 ..... | 13.36               | 10.75                                 | 2.38                               |
| 1998 ..... | 15.46               | 9.70                                  | 3.34                               |
| 1999 ..... | 14.38               | 9.00                                  | 3.59                               |
| 2000 ..... | 12.40               | 8.75                                  | 3.05                               |
| 2001 ..... | 15.04               | 9.20                                  | 3.39                               |
| 2002 ..... | 12.19               | 9.50                                  | 2.60                               |

<sup>1</sup> Commercially prepared 16% dairy ration: Annual average prior to 1995, April price 1995-current. <sup>2</sup> Annual ratios based on average of monthly ratios. Pounds of 16 % mixed dairy feed equal in value to one pound of whole milk. Effective January 1995, prices of commercial prepared feeds are based on current U.S. prices received for corn (51 lbs), soybeans (8 lbs), and alfalfa hay (41 lbs).

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 8-4.—Milk cows: Number of operations, 2002–2003, and inventory, Jan. 1, 2003–2004, by selected States and United States <sup>1</sup>**

| State    | Operations with milk cows |                   | January 1 milk cow inventory |                   |
|----------|---------------------------|-------------------|------------------------------|-------------------|
|          | 2002                      | 2003 <sup>2</sup> | 2003                         | 2004 <sup>3</sup> |
|          | <i>Number</i>             | <i>Number</i>     | <i>1,000 head</i>            | <i>1,000 head</i> |
| AL ..... | 200                       | .....             | 19                           | 18                |
| AK ..... | 30                        | .....             | 1.3                          | 1.2               |
| AZ ..... | 250                       | .....             | 155                          | 155               |
| AR ..... | 800                       | .....             | 31                           | 28                |
| CA ..... | 2,500                     | .....             | 1,670                        | 1,700             |
| CO ..... | 780                       | .....             | 98                           | 98                |
| CT ..... | 290                       | .....             | 23                           | 21                |
| DE ..... | 120                       | .....             | 9                            | 8                 |
| FL ..... | 500                       | .....             | 147                          | 140               |
| GA ..... | 660                       | .....             | 85                           | 84                |
| HI ..... | 50                        | .....             | 7                            | 6                 |
| ID ..... | 950                       | .....             | 390                          | 412               |
| IL ..... | 1,800                     | .....             | 114                          | 108               |
| IN ..... | 2,600                     | .....             | 145                          | 143               |
| IA ..... | 3,200                     | .....             | 208                          | 196               |
| KS ..... | 1,200                     | .....             | 112                          | 110               |
| KY ..... | 2,500                     | .....             | 120                          | 112               |
| LA ..... | 590                       | .....             | 45                           | 41                |
| ME ..... | 550                       | .....             | 36                           | 34                |
| MD ..... | 900                       | .....             | 80                           | 77                |
| MA ..... | 330                       | .....             | 20                           | 18                |
| MI ..... | 3,200                     | .....             | 301                          | 300               |
| MN ..... | 7,200                     | .....             | 480                          | 465               |
| MS ..... | 450                       | .....             | 33                           | 29                |
| MO ..... | 3,500                     | .....             | 134                          | 125               |
| MT ..... | 600                       | .....             | 18                           | 18                |
| NE ..... | 1,000                     | .....             | 66                           | 62                |
| NV ..... | 150                       | .....             | 25                           | 26                |
| NH ..... | 250                       | .....             | 17                           | 16                |
| NJ ..... | 250                       | .....             | 13                           | 12                |
| NM ..... | 500                       | .....             | 314                          | 325               |
| NY ..... | 7,100                     | .....             | 675                          | 658               |
| NC ..... | 870                       | .....             | 63                           | 58                |
| ND ..... | 760                       | .....             | 37                           | 33                |
| OH ..... | 5,100                     | .....             | 260                          | 258               |
| OK ..... | 1,600                     | .....             | 83                           | 80                |
| OR ..... | 800                       | .....             | 117                          | 117               |
| PA ..... | 9,900                     | .....             | 590                          | 564               |
| RI ..... | 30                        | .....             | 1.4                          | 1.3               |
| SC ..... | 220                       | .....             | 20                           | 17                |
| SD ..... | 1,200                     | .....             | 84                           | 79                |
| TN ..... | 1,400                     | .....             | 84                           | 77                |
| TX ..... | 1,900                     | .....             | 320                          | 317               |
| UT ..... | 700                       | .....             | 91                           | 89                |
| VT ..... | 1,500                     | .....             | 153                          | 146               |
| VA ..... | 1,500                     | .....             | 116                          | 105               |
| WA ..... | 950                       | .....             | 247                          | 240               |
| WV ..... | 500                       | .....             | 15                           | 14                |
| WI ..... | 17,800                    | .....             | 1,265                        | 1,245             |
| WY ..... | 260                       | .....             | 4                            | 4                 |
| US ..... | 91,990                    | .....             | 9,141.7                      | 8,990.5           |

<sup>1</sup>An operation is any place having one or more milk cows on hand at any time during the year. <sup>2</sup>The number of operations for 2003 was not available at press time. <sup>3</sup>Preliminary.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 8-5.—Milk cows: Number of operations by size group, selected States, and United States, 2002–2003 <sup>1</sup>**

| State         | Operations having |                   |            |                   |            |                   |              |                   |              |                   |           |                   |
|---------------|-------------------|-------------------|------------|-------------------|------------|-------------------|--------------|-------------------|--------------|-------------------|-----------|-------------------|
|               | 1–29 Head         |                   | 30–49 Head |                   | 50–99 Head |                   | 100–199 Head |                   | 200–499 Head |                   | 500+ Head |                   |
|               | 2002              | 2003 <sup>2</sup> | 2002       | 2003 <sup>2</sup> | 2002       | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002      | 2003 <sup>2</sup> |
|               | Number            | Number            | Number     | Number            | Number     | Number            | Number       | Number            | Number       | Number            | Number    | Number            |
| AZ .....      | 115               |                   |            |                   | 10         |                   | 10           |                   | 20           |                   | 95        |                   |
| CA .....      | 280               |                   | 70         |                   | 90         |                   | 260          |                   | 700          |                   | 1,100     |                   |
| CO .....      | 575               |                   | 10         |                   | 30         |                   | 40           |                   | 75           |                   | 50        |                   |
| FL .....      | 290               |                   | 5          |                   | 20         |                   | 30           |                   | 55           |                   | 100       |                   |
| GA .....      | 290               |                   | 10         |                   | 90         |                   | 160          |                   | 80           |                   | 30        |                   |
| ID .....      | 210               |                   | 80         |                   | 190        |                   | 140          |                   | 150          |                   | 180       |                   |
| IL .....      | 480               |                   | 350        |                   | 620        |                   | 270          |                   | 65           |                   | 15        |                   |
| IN .....      | 1,200             |                   | 490        |                   | 580        |                   | 250          |                   | 55           |                   | 25        |                   |
| IA .....      | 715               |                   | 800        |                   | 1,050      |                   | 510          |                   | 100          |                   | 25        |                   |
| KY .....      | 1,000             |                   | 470        |                   | 700        |                   | 270          |                   | 55           |                   | 5         |                   |
| MD .....      | 160               |                   | 150        |                   | 310        |                   | 210          |                   | 60           |                   | 10        |                   |
| MI .....      | 1,050             |                   | 500        |                   | 750        |                   | 590          |                   | 240          |                   | 70        |                   |
| MN .....      | 900               |                   | 2,400      |                   | 2,900      |                   | 700          |                   | 250          |                   | 50        |                   |
| MO .....      | 1,600             |                   | 600        |                   | 800        |                   | 450          |                   | 40           |                   | 10        |                   |
| NM .....      | 325               |                   |            |                   | 5          |                   | 5            |                   | 15           |                   | 150       |                   |
| NY .....      | 1,200             |                   | 1,250      |                   | 2,800      |                   | 1,200        |                   | 510          |                   | 140       |                   |
| NC .....      | 460               |                   | 30         |                   | 140        |                   | 155          |                   | 70           |                   | 15        |                   |
| OH .....      | 2,300             |                   | 900        |                   | 1,200      |                   | 540          |                   | 140          |                   | 20        |                   |
| OK .....      | 1,000             |                   | 120        |                   | 230        |                   | 190          |                   | 50           |                   | 10        |                   |
| OR .....      | 370               |                   | 30         |                   | 85         |                   | 170          |                   | 100          |                   | 45        |                   |
| PA .....      | 1,600             |                   | 3,500      |                   | 3,600      |                   | 900          |                   | 260          |                   | 40        |                   |
| SD .....      | 370               |                   | 250        |                   | 345        |                   | 170          |                   | 45           |                   | 20        |                   |
| TN .....      | 550               |                   | 130        |                   | 390        |                   | 250          |                   | 70           |                   | 10        |                   |
| TX .....      | 900               |                   | 90         |                   | 200        |                   | 290          |                   | 260          |                   | 160       |                   |
| UT .....      | 240               |                   | 40         |                   | 110        |                   | 160          |                   | 110          |                   | 40        |                   |
| VT .....      | 110               |                   | 270        |                   | 710        |                   | 260          |                   | 120          |                   | 30        |                   |
| VA .....      | 500               |                   | 150        |                   | 400        |                   | 350          |                   | 90           |                   | 10        |                   |
| WA .....      | 290               |                   | 30         |                   | 110        |                   | 180          |                   | 200          |                   | 140       |                   |
| WI .....      | 2,600             |                   | 4,800      |                   | 7,500      |                   | 2,000        |                   | 700          |                   | 200       |                   |
| Oth Sts ..... | 4,000             |                   | 1,000      |                   | 1,900      |                   | 1,150        |                   | 470          |                   | 110       |                   |
| US .....      | 25,680            |                   | 18,525     |                   | 27,865     |                   | 11,860       |                   | 5,155        |                   | 2,905     |                   |

<sup>1</sup> An operation is any place having one or more head of milk cows on hand at any time during the year. <sup>2</sup> The number of operations for 2003 was not available at press time.  
NASS, Livestock Branch, (202) 720–3570.

**Table 8-6.—Milk cows: Percent of inventory by size group, selected States, and United States, 2002–2003 <sup>1</sup>**

| State         | Inventory on operations having |                   |            |                   |            |                   |              |                   |              |                   |           |                   |
|---------------|--------------------------------|-------------------|------------|-------------------|------------|-------------------|--------------|-------------------|--------------|-------------------|-----------|-------------------|
|               | 1–29 head                      |                   | 30–49 head |                   | 50–99 head |                   | 100–199 head |                   | 200–499 head |                   | 500+ head |                   |
|               | 2002                           | 2003 <sup>2</sup> | 2002       | 2003 <sup>2</sup> | 2002       | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002         | 2003 <sup>2</sup> | 2002      | 2003 <sup>2</sup> |
|               | Per-cent                       | Per-cent          | Per-cent   | Per-cent          | Per-cent   | Per-cent          | Per-cent     | Per-cent          | Per-cent     | Per-cent          | Per-cent  | Per-cent          |
| AZ .....      | 0.3                            |                   |            |                   | 0.4        |                   | 0.8          |                   | 3.5          |                   | 95.0      |                   |
| CA .....      | 0.1                            |                   | 0.2        |                   | 0.4        |                   | 2.3          |                   | 14.0         |                   | 83.0      |                   |
| CO .....      | 1.3                            |                   | 0.4        |                   | 2.0        |                   | 5.0          |                   | 25.8         |                   | 65.5      |                   |
| FL .....      | 0.4                            |                   | 0.1        |                   | 1.0        |                   | 3.0          |                   | 12.5         |                   | 83.0      |                   |
| GA .....      | 1.0                            |                   | 0.5        |                   | 7.5        |                   | 26.0         |                   | 26.0         |                   | 39.0      |                   |
| ID .....      | 0.4                            |                   | 0.8        |                   | 3.7        |                   | 5.1          |                   | 12.0         |                   | 78.0      |                   |
| IL .....      | 3.0                            |                   | 10.0       |                   | 34.0       |                   | 30.0         |                   | 15.5         |                   | 7.5       |                   |
| IN .....      | 7.0                            |                   | 11.0       |                   | 25.0       |                   | 22.0         |                   | 10.0         |                   | 25.0      |                   |
| IA .....      | 3.5                            |                   | 12.0       |                   | 32.0       |                   | 30.0         |                   | 13.0         |                   | 9.5       |                   |
| KY .....      | 6.0                            |                   | 14.5       |                   | 39.0       |                   | 27.0         |                   | 11.0         |                   | 2.5       |                   |
| MD .....      | 2.0                            |                   | 7.0        |                   | 24.0       |                   | 35.0         |                   | 19.0         |                   | 13.0      |                   |
| MI .....      | 4.0                            |                   | 6.0        |                   | 17.0       |                   | 26.0         |                   | 23.0         |                   | 24.0      |                   |
| MN .....      | 3.6                            |                   | 19.0       |                   | 39.0       |                   | 16.0         |                   | 14.0         |                   | 8.4       |                   |
| MO .....      | 4.5                            |                   | 16.0       |                   | 31.0       |                   | 35.0         |                   | 7.0          |                   | 6.5       |                   |
| NM .....      | 0.2                            |                   |            |                   | 0.1        |                   | 0.3          |                   | 1.4          |                   | 98.0      |                   |
| NY .....      | 2.0                            |                   | 7.5        |                   | 28.0       |                   | 24.5         |                   | 20.0         |                   | 18.0      |                   |
| NC .....      | 2.2                            |                   | 1.8        |                   | 16.0       |                   | 33.0         |                   | 29.0         |                   | 18.0      |                   |
| OH .....      | 9.0                            |                   | 13.0       |                   | 31.0       |                   | 26.0         |                   | 15.0         |                   | 6.0       |                   |
| OK .....      | 3.0                            |                   | 5.0        |                   | 18.0       |                   | 27.0         |                   | 17.0         |                   | 30.0      |                   |
| OR .....      | 0.9                            |                   | 1.1        |                   | 6.0        |                   | 19.0         |                   | 28.0         |                   | 45.0      |                   |
| PA .....      | 3.0                            |                   | 23.0       |                   | 38.0       |                   | 20.0         |                   | 11.0         |                   | 5.0       |                   |
| SD .....      | 4.0                            |                   | 10.0       |                   | 25.0       |                   | 24.0         |                   | 14.0         |                   | 23.0      |                   |
| TN .....      | 2.5                            |                   | 5.0        |                   | 29.0       |                   | 36.0         |                   | 21.0         |                   | 6.5       |                   |
| TX .....      | 1.0                            |                   | 1.0        |                   | 4.5        |                   | 13.5         |                   | 27.0         |                   | 53.0      |                   |
| UT .....      | 1.0                            |                   | 1.5        |                   | 8.5        |                   | 23.0         |                   | 31.0         |                   | 35.0      |                   |
| VT .....      | 1.0                            |                   | 7.0        |                   | 29.0       |                   | 22.0         |                   | 23.0         |                   | 18.0      |                   |
| VA .....      | 3.5                            |                   | 4.5        |                   | 25.0       |                   | 40.0         |                   | 21.0         |                   | 6.0       |                   |
| WA .....      | 0.2                            |                   | 0.5        |                   | 3.3        |                   | 11.0         |                   | 26.0         |                   | 59.0      |                   |
| WI .....      | 3.5                            |                   | 13.0       |                   | 38.0       |                   | 19.0         |                   | 14.5         |                   | 12.0      |                   |
| Oth Sts ..... | 3.0                            |                   | 6.0        |                   | 23.0       |                   | 26.0         |                   | 22.0         |                   | 20.0      |                   |
| US .....      | 2.3                            |                   | 7.5        |                   | 20.1       |                   | 16.7         |                   | 16.1         |                   | 37.3      |                   |

<sup>1</sup> Percents reflect average distribution of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys. <sup>2</sup> The number of operations for 2003 was not available at press time.  
NASS, Livestock Branch, (202) 720–3570.

**Table 8-7.—Milk Production: Percent of production by size groups, selected States, and United States, 2002–2003<sup>1</sup>**

| State      | Production on operations having |                   |                |                   |                |                   |                |                   |                |                   |                |                   |
|------------|---------------------------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|
|            | 1–29 Head                       |                   | 30–49 Head     |                   | 50–99 Head     |                   | 100–199 Head   |                   | 200–499 Head   |                   | 500+ Head      |                   |
|            | 2002                            | 2003 <sup>2</sup> | 2002           | 2003 <sup>2</sup> | 2002           | 2003 <sup>2</sup> | 2002           | 2003 <sup>2</sup> | 2002           | 2003 <sup>2</sup> | 2002           | 2003 <sup>2</sup> |
|            | <i>Percent</i>                  | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i>    |
| AZ .....   | 0.1                             |                   |                |                   | 0.2            |                   | 0.5            |                   | 3.2            |                   | 96.0           |                   |
| CA .....   | 0.1                             |                   | 0.1            |                   | 0.3            |                   | 2.5            |                   | 17.0           |                   | 80.0           |                   |
| CO .....   | 1.0                             |                   | 0.5            |                   | 2.0            |                   | 4.5            |                   | 25.0           |                   | 67.0           |                   |
| FL .....   | 0.2                             |                   | 0.1            |                   | 0.5            |                   | 1.7            |                   | 12.5           |                   | 85.0           |                   |
| GA .....   | 0.5                             |                   | 0.5            |                   | 6.0            |                   | 27.0           |                   | 26.0           |                   | 40.0           |                   |
| ID .....   | 0.2                             |                   | 0.6            |                   | 2.7            |                   | 4.0            |                   | 11.0           |                   | 81.5           |                   |
| IL .....   | 2.5                             |                   | 9.0            |                   | 32.0           |                   | 30.5           |                   | 17.0           |                   | 9.0            |                   |
| IN .....   | 6.0                             |                   | 9.0            |                   | 23.0           |                   | 21.0           |                   | 11.0           |                   | 30.0           |                   |
| IA .....   | 3.0                             |                   | 10.0           |                   | 31.0           |                   | 31.0           |                   | 14.0           |                   | 11.0           |                   |
| KY .....   | 5.0                             |                   | 13.0           |                   | 38.0           |                   | 29.0           |                   | 12.0           |                   | 3.0            |                   |
| MD .....   | 1.0                             |                   | 6.0            |                   | 23.0           |                   | 35.0           |                   | 20.0           |                   | 15.0           |                   |
| MI .....   | 2.5                             |                   | 4.5            |                   | 15.0           |                   | 25.0           |                   | 25.0           |                   | 28.0           |                   |
| MN .....   | 2.7                             |                   | 17.0           |                   | 38.0           |                   | 17.0           |                   | 16.0           |                   | 9.3            |                   |
| MO .....   | 2.0                             |                   | 15.0           |                   | 30.0           |                   | 38.0           |                   | 7.0            |                   | 8.0            |                   |
| NM .....   | 0.1                             |                   |                |                   | 0.1            |                   | 0.4            |                   | 1.4            |                   | 98.0           |                   |
| NY .....   | 1.5                             |                   | 5.5            |                   | 25.0           |                   | 25.0           |                   | 22.0           |                   | 21.0           |                   |
| NC .....   | 0.5                             |                   | 1.5            |                   | 15.0           |                   | 32.0           |                   | 30.0           |                   | 21.0           |                   |
| OH .....   | 5.5                             |                   | 11.5           |                   | 30.0           |                   | 28.0           |                   | 17.0           |                   | 8.0            |                   |
| OK .....   | 2.0                             |                   | 4.0            |                   | 15.0           |                   | 25.0           |                   | 17.0           |                   | 37.0           |                   |
| OR .....   | 0.5                             |                   | 1.0            |                   | 5.5            |                   | 18.0           |                   | 28.0           |                   | 47.0           |                   |
| PA .....   | 2.0                             |                   | 21.0           |                   | 38.0           |                   | 21.0           |                   | 12.0           |                   | 6.0            |                   |
| SD .....   | 3.0                             |                   | 9.0            |                   | 23.0           |                   | 24.0           |                   | 16.0           |                   | 25.0           |                   |
| TN .....   | 1.5                             |                   | 4.0            |                   | 28.0           |                   | 37.0           |                   | 22.0           |                   | 7.5            |                   |
| TX .....   | 0.3                             |                   | 0.7            |                   | 4.0            |                   | 12.0           |                   | 25.0           |                   | 58.0           |                   |
| UT .....   | 0.7                             |                   | 1.3            |                   | 7.0            |                   | 21.0           |                   | 32.0           |                   | 38.0           |                   |
| VT .....   | 0.5                             |                   | 5.5            |                   | 27.0           |                   | 22.0           |                   | 25.0           |                   | 20.0           |                   |
| VA .....   | 2.0                             |                   | 4.0            |                   | 23.0           |                   | 41.0           |                   | 23.0           |                   | 7.0            |                   |
| WA .....   | 0.2                             |                   | 0.3            |                   | 2.5            |                   | 9.0            |                   | 26.0           |                   | 62.0           |                   |
| WI .....   | 2.5                             |                   | 12.0           |                   | 35.0           |                   | 19.0           |                   | 17.5           |                   | 14.0           |                   |
| Oth Sts .. | 1.5                             |                   | 5.0            |                   | 21.0           |                   | 25.0           |                   | 23.5           |                   | 24.0           |                   |
| US .....   | 1.5                             |                   | 6.1            |                   | 17.4           |                   | 15.6           |                   | 17.5           |                   | 41.9           |                   |

<sup>1</sup> Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys. <sup>2</sup> The number of operations for 2003 was not available at press time.  
 NASS, Livestock Branch, (202) 720–3570.

**Table 8-8.—Milk cows: Number of operations, percent of inventory and percent of milk production by size group, United States, 2002–2003<sup>1</sup>**

| Head              | Operations    |                   | Percent of inventory |                   | Percent of production |                   |
|-------------------|---------------|-------------------|----------------------|-------------------|-----------------------|-------------------|
|                   | 2002          | 2003 <sup>2</sup> | 2002                 | 2003 <sup>2</sup> | 2002                  | 2003 <sup>2</sup> |
|                   | <i>Number</i> | <i>Number</i>     | <i>Percent</i>       | <i>Percent</i>    | <i>Percent</i>        | <i>Percent</i>    |
| 1-29 .....        | 25,680        |                   | 2.3                  |                   | 1.5                   |                   |
| 30-49 .....       | 18,525        |                   | 7.5                  |                   | 6.1                   |                   |
| 50-99 .....       | 27,865        |                   | 20.1                 |                   | 17.4                  |                   |
| 100-199 .....     | 11,860        |                   | 16.7                 |                   | 15.6                  |                   |
| 200-499 .....     | 5,155         |                   | 16.1                 |                   | 17.5                  |                   |
| 500-999 .....     | 1,750         |                   | 12.5                 |                   | 13.9                  |                   |
| 1,000-1,999 ..... | 775           |                   | 11.5                 |                   | 13.0                  |                   |
| 2,000+ .....      | 380           |                   | 13.3                 |                   | 15.0                  |                   |
| Total .....       | 91,990        |                   | 100.0                |                   | 100.0                 |                   |

<sup>1</sup> An operation is any place having one or more head of milk cows on hand at any time during the year. Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys. <sup>2</sup> The number of operations for 2003 was not available at press time.  
 NASS, Livestock Branch, (202) 720–3570.



**Table 8-9.—Official Dairy Herd Improvement test plans: Numbers of herds and cows and milk, fat, and protein production, United States, 1993–2002**

| Year     | Herds         | Cows          | Cows per herd | Average production |                |               | Cows with protein information | Average protein production <sup>1</sup> | Average protein production <sup>1</sup> |
|----------|---------------|---------------|---------------|--------------------|----------------|---------------|-------------------------------|---|---|
|          |               |               |               | Milk               | Fat            | Fat           |                               |   |   |
|          | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Pounds</i>      | <i>Percent</i> | <i>Pounds</i> | <i>Percent</i>                | <i>Percent</i>                          | <i>Pounds</i>                           |
| 1993 ... | 35,484        | 3,625,542     | 102.2         | 18,719             | 3.68           | 690           | 90                            | 3.22                                    | 602                                     |
| 1994 ... | 33,844        | 3,620,652     | 107.0         | 19,129             | 3.67           | 705           | 90                            | 3.23                                    | 616                                     |
| 1995 ... | 31,628        | 3,527,187     | 111.5         | 19,271             | 3.67           | 710           | 90                            | 3.22                                    | 621                                     |
| 1996 ... | 29,416        | 3,486,010     | 118.5         | 19,192             | 3.70           | 713           | 90                            | 3.23                                    | 620                                     |
| 1997 ... | 27,383        | 3,402,487     | 124.3         | 19,815             | 3.67           | 731           | 89                            | 3.23                                    | 639                                     |
| 1998 ... | 25,738        | 3,397,396     | 132.0         | 20,209             | 3.68           | 745           | 92                            | 3.22                                    | 651                                     |
| 1999 ... | 24,841        | 3,449,854     | 140.9         | 20,743             | 3.68           | 766           | 93                            | 3.24                                    | 673                                     |
| 2000 ... | 23,225        | 3,521,686     | 151.6         | 21,092             | 3.68           | 781           | 93                            | 3.15                                    | 664                                     |
| 2001 ... | 22,095        | 3,499,214     | 158.4         | 21,118             | 3.66           | 777           | 94                            | 3.08                                    | 651                                     |
| 2002 ... | 20,955        | 3,537,064     | 168.8         | 21,475             | 3.68           | 792           | 94                            | 3.07                                    | 661                                     |

<sup>1</sup> The decline in protein production in 2000 reflects a measurement change by the dairy industry from crude to true protein beginning in May 2000. The percentage of milk that is true protein is lower than the percentage that is crude protein by an approximate difference of 0.19 percent.

ARS, Animal Improvement Programs Laboratory, (301) 504-8334, rlaip@aip.arsusda.gov or http://aip.arsusda.gov.

**Table 8-10.—Milk and milkfat production: Number of producing cows, production per cow, and total quantity produced, United States, 1993–2002**

| Year                    | Number of milk cows <sup>1</sup> | Production of milk and milkfat <sup>2</sup> |               |  |                       |                       |
|-------------------------|----------------------------------|---|---------------|--|-----------------------|-----------------------|
|                         |                                  | Per milk cow                                |               | Percentage of fat in all milk produced | Total                 |                       |
|                         |                                  | Milk  | Milkfat       |  | Milk                  | Milkfat               |
|                         | <i>Thousands</i>                 | <i>Pounds</i>                               | <i>Pounds</i> | <i>Percent</i>                         | <i>Million pounds</i> | <i>Million pounds</i> |
| 1993 .....              | 9,581                            | 15,722                                      | 576           | 3.66                                   | 150,636               | 5,517                 |
| 1994 .....              | 9,494                            | 16,179                                      | 592           | 3.66                                   | 153,602               | 5,621                 |
| 1995 .....              | 9,466                            | 16,405                                      | 600           | 3.66                                   | 155,292               | 5,681                 |
| 1996 .....              | 9,372                            | 16,433                                      | 606           | 3.69                                   | 154,006               | 5,679                 |
| 1997 .....              | 9,252                            | 16,871                                      | 617           | 3.66                                   | 156,091               | 5,706                 |
| 1998 .....              | 9,154                            | 17,189                                      | 629           | 3.66                                   | 157,348               | 5,757                 |
| 1999 .....              | 9,156                            | 17,772                                      | 652           | 3.67                                   | 162,716               | 5,975                 |
| 2000 .....              | 9,206                            | 18,201                                      | 670           | 3.68                                   | 167,559               | 6,171                 |
| 2001 .....              | 9,114                            | 18,159                                      | 666           | 3.67                                   | 165,497               | 6,079                 |
| 2002 <sup>3</sup> ..... | 9,141                            | 18,571                                      | 683           | 3.68                                   | 169,758               | 6,254                 |

<sup>1</sup> Average number during year, excluding heifers not yet fresh. <sup>2</sup> Excludes milk sucked by calves. <sup>3</sup> Preliminary. NASS, Livestock Branch, (202) 720-3570.

**Table 8-11.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by States, 2001**

| State                 | Number of milk cows <sup>1</sup> | Production of milk and milkfat <sup>2</sup> |               |  |                       |                       |
|-----------------------|----------------------------------|---|---------------|--|-----------------------|-----------------------|
|                       |                                  | Per milk cow                                |               | Percentage of fat in all milk produced | Total                 |                       |
|                       |                                  | Milk  | Milkfat       |  | Milk                  | Milkfat               |
|                       | <i>Thousands</i>                 | <i>Pounds</i>                               | <i>Pounds</i> | <i>Percent</i>                         | <i>Million pounds</i> | <i>Million pounds</i> |
| AL .....              | 21                               | 14,286                                      | 523           | 3.66                                   | 300                   | 11.0                  |
| AK .....              | 1.1                              | 13,055                                      | 444           | 3.40                                   | 14.36                 | 0.5                   |
| AZ .....              | 140                              | 21,950                                      | 795           | 3.62                                   | 3,073                 | 111.2                 |
| AR .....              | 35                               | 12,343                                      | 449           | 3.64                                   | 432                   | 15.7                  |
| CA .....              | 1,589                            | 20,904                                      | 771           | 3.69                                   | 33,217                | 1,225.7               |
| CO .....              | 92                               | 21,413                                      | 760           | 3.55                                   | 1,970                 | 69.9                  |
| CT .....              | 25                               | 18,240                                      | 666           | 3.65                                   | 456                   | 16.6                  |
| DE .....              | 9.0                              | 16,667                                      | 610           | 3.66                                   | 150.0                 | 5.5                   |
| FL .....              | 153                              | 15,758                                      | 567           | 3.60                                   | 2,411                 | 86.8                  |
| GA .....              | 86                               | 16,663                                      | 607           | 3.64                                   | 1,433                 | 52.2                  |
| HI .....              | 7.5                              | 14,107                                      | 484           | 3.43                                   | 105.8                 | 3.6                   |
| ID .....              | 366                              | 21,194                                      | 763           | 3.60                                   | 7,757                 | 279.3                 |
| IL .....              | 116                              | 17,414                                      | 650           | 3.73                                   | 2,020                 | 75.3                  |
| IN .....              | 153                              | 16,778                                      | 621           | 3.70                                   | 2,567                 | 95.0                  |
| IA .....              | 210                              | 18,024                                      | 669           | 3.71                                   | 3,785                 | 140.4                 |
| KS .....              | 93                               | 17,312                                      | 639           | 3.69                                   | 1,610                 | 59.4                  |
| KY .....              | 128                              | 12,969                                      | 473           | 3.65                                   | 1,660                 | 60.6                  |
| LA .....              | 54                               | 11,704                                      | 412           | 3.52                                   | 632                   | 22.2                  |
| ME .....              | 38                               | 17,211                                      | 625           | 3.63                                   | 654                   | 23.7                  |
| MD .....              | 82                               | 15,780                                      | 578           | 3.66                                   | 1,294                 | 47.4                  |
| MA .....              | 21                               | 17,000                                      | 627           | 3.69                                   | 357                   | 13.2                  |
| MI .....              | 303                              | 19,373                                      | 703           | 3.63                                   | 5,870                 | 213.1                 |
| MN .....              | 510                              | 17,278                                      | 639           | 3.70                                   | 8,812                 | 326.0                 |
| MS .....              | 35                               | 14,200                                      | 517           | 3.64                                   | 497                   | 18.1                  |
| MO .....              | 145                              | 13,441                                      | 496           | 3.69                                   | 1,949                 | 71.9                  |
| MT .....              | 19                               | 18,211                                      | 652           | 3.58                                   | 346                   | 12.4                  |
| NE .....              | 72                               | 16,194                                      | 601           | 3.71                                   | 1,166                 | 43.3                  |
| NV .....              | 25                               | 19,400                                      | 689           | 3.55                                   | 485                   | 17.2                  |
| NH .....              | 18                               | 17,889                                      | 673           | 3.76                                   | 322                   | 12.1                  |
| NJ .....              | 14                               | 16,643                                      | 604           | 3.63                                   | 233                   | 8.5                   |
| NM .....              | 268                              | 20,750                                      | 743           | 3.58                                   | 5,561                 | 199.1                 |
| NY .....              | 672                              | 17,530                                      | 640           | 3.65                                   | 11,780                | 430.0                 |
| NC .....              | 67                               | 17,224                                      | 627           | 3.64                                   | 1,154                 | 42.0                  |
| ND .....              | 46                               | 14,000                                      | 514           | 3.67                                   | 644                   | 23.6                  |
| OH .....              | 260                              | 16,519                                      | 616           | 3.73                                   | 4,295                 | 160.2                 |
| OK .....              | 89                               | 14,528                                      | 524           | 3.61                                   | 1,293                 | 46.7                  |
| OR .....              | 95                               | 18,074                                      | 662           | 3.66                                   | 1,717                 | 62.8                  |
| PA .....              | 599                              | 18,112                                      | 668           | 3.69                                   | 10,849                | 400.3                 |
| RI .....              | 1.4                              | 16,571                                      | 611           | 3.69                                   | 23.2                  | 0.9                   |
| SC .....              | 21                               | 17,476                                      | 638           | 3.65                                   | 367                   | 13.4                  |
| SD .....              | 99                               | 15,960                                      | 591           | 3.70                                   | 1,580                 | 58.5                  |
| TN .....              | 92                               | 14,511                                      | 530           | 3.65                                   | 1,335                 | 48.7                  |
| TX .....              | 325                              | 15,711                                      | 575           | 3.66                                   | 5,106                 | 186.9                 |
| UT .....              | 93                               | 17,581                                      | 640           | 3.64                                   | 1,635                 | 59.5                  |
| VT .....              | 153                              | 17,444                                      | 647           | 3.71                                   | 2,669                 | 99.0                  |
| VA .....              | 118                              | 15,975                                      | 578           | 3.62                                   | 1,885                 | 68.2                  |
| WA .....              | 247                              | 22,324                                      | 817           | 3.66                                   | 5,514                 | 201.8                 |
| WV .....              | 16                               | 15,563                                      | 562           | 3.61                                   | 249                   | 9.0                   |
| WI .....              | 1,292                            | 17,182                                      | 641           | 3.73                                   | 22,199                | 828.0                 |
| WY .....              | 4.5                              | 14,000                                      | 511           | 3.65                                   | 63.0                  | 2.3                   |
| US <sup>3</sup> ..... | 9,114                            | 18,159                                      | 666           | 3.67                                   | 165,497               | 6,078.7               |

<sup>1</sup> Average number during year, excluding heifers not yet fresh. U.S. total may not add due to rounding. <sup>2</sup> Excludes milk sucked by calves. <sup>3</sup> Sum of parts may not equal due to rounding.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 8-12.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by States, 2002 (preliminary)**

| State                 | Number of milk cows <sup>1</sup> | Production of milk and milkfat <sup>2</sup> |               |  |                       |                       |
|-----------------------|----------------------------------|---|---------------|--|-----------------------|-----------------------|
|                       |                                  | Per milk cow                                |               | Percentage of fat in all milk produced | Total                 |                       |
|                       |                                  | Milk  | Milkfat       |  | Milk                  | Milkfat               |
|                       | <i>Thousands</i>                 | <i>Pounds</i>                               | <i>Pounds</i> | <i>Percent</i>                         | <i>Million pounds</i> | <i>Million pounds</i> |
| AL .....              | 20                               | 13,850                                      | 508           | 3.67                                   | 277                   | 10.2                  |
| AK .....              | 1.3                              | 13,600                                      | 469           | 3.45                                   | 17.68                 | 0.6                   |
| AZ .....              | 146                              | 23,486                                      | 853           | 3.63                                   | 3,429                 | 124.5                 |
| AR .....              | 32                               | 12,281                                      | 448           | 3.65                                   | 393                   | 14.3                  |
| CA .....              | 1,647                            | 21,180                                      | 782           | 3.69                                   | 34,884                | 1,287.2               |
| CO .....              | 100                              | 21,590                                      | 762           | 3.53                                   | 2,159                 | 76.2                  |
| CT .....              | 24                               | 18,625                                      | 684           | 3.67                                   | 447                   | 16.4                  |
| DE .....              | 9.3                              | 16,559                                      | 616           | 3.72                                   | 154.0                 | 5.7                   |
| FL .....              | 150                              | 15,547                                      | 571           | 3.67                                   | 2,332                 | 85.6                  |
| GA .....              | 85                               | 17,294                                      | 631           | 3.65                                   | 1,470                 | 53.7                  |
| HI .....              | 6.6                              | 14,667                                      | 509           | 3.47                                   | 96.8                  | 3.4                   |
| ID .....              | 388                              | 21,018                                      | 763           | 3.63                                   | 8,155                 | 296.0                 |
| IL .....              | 115                              | 17,835                                      | 672           | 3.77                                   | 2,051                 | 77.3                  |
| IN .....              | 150                              | 17,340                                      | 642           | 3.70                                   | 2,601                 | 96.2                  |
| IA .....              | 209                              | 18,201                                      | 677           | 3.72                                   | 3,804                 | 141.5                 |
| KS .....              | 103                              | 19,515                                      | 720           | 3.69                                   | 2,010                 | 74.2                  |
| KY .....              | 122                              | 13,230                                      | 483           | 3.65                                   | 1,614                 | 58.9                  |
| LA .....              | 50                               | 11,620                                      | 409           | 3.52                                   | 581                   | 20.5                  |
| ME .....              | 37                               | 17,730                                      | 647           | 3.65                                   | 656                   | 23.9                  |
| MD .....              | 81                               | 16,383                                      | 609           | 3.72                                   | 1,327                 | 49.4                  |
| MA .....              | 21                               | 17,190                                      | 634           | 3.69                                   | 361                   | 13.3                  |
| MI .....              | 299                              | 19,883                                      | 720           | 3.62                                   | 5,945                 | 215.2                 |
| MN .....              | 487                              | 17,368                                      | 648           | 3.73                                   | 8,458                 | 315.5                 |
| MS .....              | 34                               | 14,059                                      | 509           | 3.62                                   | 478                   | 17.3                  |
| MO .....              | 137                              | 14,204                                      | 523           | 3.68                                   | 1,946                 | 71.6                  |
| MT .....              | 18                               | 18,944                                      | 688           | 3.63                                   | 341                   | 12.4                  |
| NE .....              | 67                               | 17,463                                      | 651           | 3.73                                   | 1,170                 | 43.6                  |
| NV .....              | 25                               | 19,400                                      | 693           | 3.57                                   | 485                   | 17.3                  |
| NH .....              | 18                               | 18,222                                      | 682           | 3.74                                   | 328                   | 12.3                  |
| NJ .....              | 13                               | 18,154                                      | 663           | 3.65                                   | 236                   | 8.6                   |
| NM .....              | 299                              | 21,124                                      | 760           | 3.60                                   | 6,316                 | 227.4                 |
| NY .....              | 678                              | 18,019                                      | 661           | 3.67                                   | 12,217                | 448.4                 |
| NC .....              | 64                               | 17,766                                      | 648           | 3.65                                   | 1,137                 | 41.5                  |
| ND .....              | 40                               | 14,625                                      | 540           | 3.69                                   | 585                   | 21.6                  |
| OH .....              | 262                              | 17,080                                      | 639           | 3.74                                   | 4,475                 | 167.4                 |
| OK .....              | 88                               | 14,705                                      | 531           | 3.61                                   | 1,294                 | 46.7                  |
| OR .....              | 114                              | 18,360                                      | 674           | 3.67                                   | 2,093                 | 76.8                  |
| PA .....              | 585                              | 18,419                                      | 683           | 3.71                                   | 10,775                | 399.8                 |
| RI .....              | 1.4                              | 16,357                                      | 595           | 3.64                                   | 22.9                  | 0.8                   |
| SC .....              | 20                               | 18,200                                      | 666           | 3.66                                   | 364                   | 13.3                  |
| SD .....              | 96                               | 14,625                                      | 547           | 3.74                                   | 1,404                 | 52.5                  |
| TN .....              | 88                               | 14,943                                      | 550           | 3.68                                   | 1,315                 | 48.4                  |
| TX .....              | 309                              | 17,152                                      | 635           | 3.70                                   | 5,300                 | 196.1                 |
| UT .....              | 93                               | 17,839                                      | 648           | 3.63                                   | 1,659                 | 60.2                  |
| VT .....              | 154                              | 17,552                                      | 651           | 3.71                                   | 2,703                 | 100.3                 |
| VA .....              | 120                              | 15,758                                      | 575           | 3.65                                   | 1,891                 | 69.0                  |
| WA .....              | 247                              | 22,753                                      | 835           | 3.67                                   | 5,620                 | 206.3                 |
| WV .....              | 16                               | 15,188                                      | 547           | 3.60                                   | 243                   | 8.7                   |
| WI .....              | 1,271                            | 17,367                                      | 648           | 3.73                                   | 22,074                | 823.4                 |
| WY .....              | 4.4                              | 14,409                                      | 529           | 3.67                                   | 63.4                  | 2.3                   |
| US <sup>3</sup> ..... | 9,141                            | 18,571                                      | 683           | 3.68                                   | 169,758               | 6,253.7               |

<sup>1</sup> Average number during year, excluding heifers not yet fresh. U.S. total may not add due to rounding. <sup>2</sup> Excludes milk sucked by calves. <sup>3</sup> Sum of parts may not equal due to rounding.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-13.—Milk: Quantities used and marketed by producers, by States, 2002 (preliminary)**

| State                 | Milk used where produced   |                                  |                       | Milk marketed by producers  |                          |
|-----------------------|----------------------------|----------------------------------|-----------------------|-----------------------------|--------------------------|
|                       | Fed to calves <sup>1</sup> | Used for milk, cream, and butter | Total                 | Total quantity <sup>2</sup> | Fluid grade <sup>3</sup> |
|                       | <i>Million pounds</i>      | <i>Million pounds</i>            | <i>Million pounds</i> | <i>Million pounds</i>       | <i>Percent</i>           |
| AL .....              | 1                          | 1                                | 2                     | 275                         | 100                      |
| AK .....              | 0.6                        | 0.2                              | 0.8                   | 16.88                       | 100                      |
| AZ .....              | 11                         | 1                                | 12                    | 3,417                       | 100                      |
| AR .....              | 5                          | 3                                | 8                     | 385                         | 100                      |
| CA .....              | 30                         | 6                                | 36                    | 34,848                      | 99                       |
| CO .....              | 27                         | 5                                | 32                    | 2,127                       | 100                      |
| CT .....              | 3.5                        | 0.5                              | 4.0                   | 443.0                       | 100                      |
| DE .....              | 1.0                        | 0.1                              | 1.1                   | 152.9                       | 100                      |
| FL .....              | 3                          | 1                                | 4                     | 2,328                       | 100                      |
| GA .....              | 9                          | 1                                | 10                    | 1,460                       | 100                      |
| HI .....              | 1.1                        | 0.5                              | 1.6                   | 95.2                        | 100                      |
| ID .....              | 30                         | 3                                | 33                    | 8,122                       | 99                       |
| IL .....              | 13                         | 2                                | 15                    | 2,036                       | 98                       |
| IN .....              | 18                         | 3                                | 21                    | 2,580                       | 97                       |
| IA .....              | 30                         | 11                               | 41                    | 3,763                       | 97                       |
| KS .....              | 10                         | 1                                | 11                    | 1,999                       | 100                      |
| KY .....              | 32                         | 2                                | 34                    | 1,580                       | 99                       |
| LA .....              | 10                         | 3                                | 13                    | 568                         | 100                      |
| ME .....              | 4.5                        | 0.5                              | 5.0                   | 651.0                       | 100                      |
| MD .....              | 7                          | 3                                | 10                    | 1,317                       | 100                      |
| MA .....              | 3.5                        | 0.5                              | 4.0                   | 357.0                       | 100                      |
| MI .....              | 55                         | 5                                | 60                    | 5,885                       | 99                       |
| MN .....              | 95                         | 5                                | 100                   | 8,358                       | 96                       |
| MS .....              | 1                          | 1                                | 2                     | 476                         | 100                      |
| MO .....              | 22                         | 5                                | 27                    | 1,919                       | 96                       |
| MT .....              | 4                          | 3                                | 7                     | 334                         | 100                      |
| NE .....              | 12                         | 1                                | 13                    | 1,157                       | 98                       |
| NV .....              | 5                          | 1                                | 6                     | 479                         | 100                      |
| NH .....              | 2.5                        | 0.5                              | 3.0                   | 325.0                       | 100                      |
| NJ .....              | 2                          | 1                                | 3                     | 233                         | 100                      |
| NM .....              | 49                         | 16                               | 65                    | 6,251                       | 100                      |
| NY .....              | 61                         | 2                                | 63                    | 12,154                      | 100                      |
| NC .....              | 10                         | 6                                | 16                    | 1,121                       | 100                      |
| ND .....              | 13                         | 1                                | 14                    | 571                         | 74                       |
| OH .....              | 20                         | 5                                | 25                    | 4,450                       | 94                       |
| OK .....              | 13                         | 1                                | 14                    | 1,280                       | 100                      |
| OR .....              | 17                         | 2                                | 19                    | 2,074                       | 100                      |
| PA .....              | 30                         | 3                                | 33                    | 10,742                      | 99                       |
| RI .....              | 0.1                        | .....                            | 0.1                   | 22.8                        | 100                      |
| SC .....              | 2                          | 1                                | 3                     | 361                         | 100                      |
| SD .....              | 10                         | 2                                | 12                    | 1,392                       | 93                       |
| TN .....              | 4                          | 1                                | 5                     | 1,310                       | 99                       |
| TX .....              | 22                         | 2                                | 24                    | 5,276                       | 100                      |
| UT .....              | 18                         | 2                                | 20                    | 1,639                       | 98                       |
| VT .....              | 17                         | 2                                | 19                    | 2,684                       | 100                      |
| VA .....              | 6                          | 2                                | 8                     | 1,883                       | 100                      |
| WA .....              | 27                         | 1                                | 28                    | 5,592                       | 100                      |
| WV .....              | 2                          | 1                                | 3                     | 240                         | 100                      |
| WI .....              | 209                        | 40                               | 249                   | 21,825                      | 96                       |
| WY .....              | 0.9                        | 0.2                              | 1.1                   | 62.3                        | 79                       |
| US <sup>4</sup> ..... | 980                        | 161                              | 1,141                 | 168,617                     | 98                       |

<sup>1</sup>Excludes milk sucked by calves. <sup>2</sup>Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also includes milk produced by institutional herds. <sup>3</sup>Percentage of milk sold that is eligible for fluid use (grade A for fluid use in most States). Includes fluid-grade milk used in manufacturing dairy products. <sup>4</sup>May not add due to rounding.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-14.—Milk Production: Marketings, income, and value, by States, 2002 (preliminary)**

| State    | Combined marketing of milk and cream |                              |                 |                               | Used for milk, cream, and butter where produced |                      | Gross producer income <sup>3</sup> | Value of milk produced <sup>2 4</sup> |
|----------|--------------------------------------|------------------------------|-----------------|-------------------------------|---|----------------------|------------------------------------|---------------------------------------|
|          | Milk utilized                        | Average returns <sup>1</sup> |                 | Cash receipts from marketings | Milk utilized                                   | Value <sup>2</sup>   |                                    |                                       |
|          |                                      | Per cwt milk                 | Per lb. milkfat |                               |   |                      |                                    |                                       |
|          | <i>Million pounds</i>                | <i>Dollars</i>               | <i>Dollars</i>  | <i>1,000 dollars</i>          | <i>Million pounds</i>                           | <i>1,000 dollars</i> | <i>1,000 dollars</i>               | <i>1,000 dollars</i>                  |
| AL ..... | 275                                  | 14.00                        | 3.81            | 38,500                        | 1   | 140                  | 38,640                             | 38,780                                |
| AK ..... | 16.88                                | 20.40                        | 5.91            | 3,444                         | 0.2   | 41                   | 3,485                              | 3,607                                 |
| AZ ..... | 3,417                                | 11.70                        | 3.22            | 399,789                       | 1   | 117                  | 399,906                            | 401,193                               |
| AR ..... | 385                                  | 13.20                        | 3.62            | 50,820                        | 3   | 396                  | 51,216                             | 51,876                                |
| CA ..... | 34,848                               | 10.94                        | 2.96            | 3,812,371                     | 6   | 656                  | 3,813,027                          | 3,816,310                             |
| CO ..... | 2,127                                | 11.80                        | 3.34            | 250,986                       | 5   | 590                  | 251,576                            | 254,762                               |
| CT ..... | 443                                  | 13.20                        | 3.60            | 58,476                        | 0.5   | 66                   | 58,542                             | 59,004                                |
| DE ..... | 152.9                                | 13.30                        | 3.58            | 20,336                        | 0.1   | 13                   | 20,349                             | 20,482                                |
| FL ..... | 2,328                                | 15.30                        | 4.17            | 356,184                       | 1   | 153                  | 356,337                            | 356,796                               |
| GA ..... | 1,460                                | 13.20                        | 3.62            | 192,720                       | 1   | 132                  | 192,852                            | 194,040                               |
| HI ..... | 95.2                                 | 23.60                        | 6.80            | 22,467                        | 0.5   | 118                  | 22,585                             | 22,845                                |
| ID ..... | 8,122                                | 11.30                        | 3.11            | 917,786                       | 3   | 339                  | 918,125                            | 921,515                               |
| IL ..... | 2,036                                | 11.90                        | 3.16            | 242,284                       | 2   | 238                  | 242,522                            | 244,069                               |
| IN ..... | 2,580                                | 12.30                        | 3.32            | 317,340                       | 3   | 369                  | 317,709                            | 319,923                               |
| IA ..... | 3,763                                | 12.20                        | 3.28            | 459,086                       | 11  | 1,342                | 460,428                            | 464,088                               |
| KS ..... | 1,999                                | 11.70                        | 3.17            | 233,883                       | 1   | 117                  | 234,000                            | 235,170                               |
| KY ..... | 1,580                                | 13.20                        | 3.62            | 208,560                       | 2   | 264                  | 208,824                            | 213,048                               |
| LA ..... | 568                                  | 13.00                        | 3.69            | 73,840                        | 3   | 390                  | 74,230                             | 75,530                                |
| ME ..... | 651                                  | 13.30                        | 3.64            | 86,583                        | 0.5   | 67                   | 86,650                             | 87,248                                |
| MD ..... | 1,317                                | 13.20                        | 3.55            | 173,844                       | 3   | 396                  | 174,240                            | 175,164                               |
| MA ..... | 357                                  | 13.20                        | 3.58            | 47,124                        | 0.5   | 66                   | 47,190                             | 47,652                                |
| MI ..... | 5,885                                | 12.10                        | 3.34            | 712,085                       | 5   | 605                  | 712,690                            | 719,345                               |
| MN ..... | 8,358                                | 12.10                        | 3.24            | 1,011,318                     | 5   | 605                  | 1,011,923                          | 1,023,418                             |
| MS ..... | 476                                  | 13.10                        | 3.62            | 62,356                        | 1   | 131                  | 62,487                             | 62,618                                |
| MO ..... | 1,919                                | 12.30                        | 3.34            | 236,037                       | 5   | 615                  | 236,652                            | 239,358                               |
| MT ..... | 334                                  | 12.30                        | 3.39            | 41,082                        | 3   | 369                  | 41,451                             | 41,943                                |
| NE ..... | 1,157                                | 12.20                        | 3.27            | 141,154                       | 1   | 122                  | 141,276                            | 142,740                               |
| NV ..... | 479                                  | 10.70                        | 3.00            | 51,253                        | 1   | 107                  | 51,360                             | 51,895                                |
| NH ..... | 325                                  | 13.00                        | 3.48            | 42,250                        | 0.5   | 65                   | 42,315                             | 42,640                                |
| NJ ..... | 233                                  | 12.80                        | 3.51            | 29,824                        | 1   | 128                  | 29,952                             | 30,208                                |
| NM ..... | 6,251                                | 11.90                        | 3.31            | 743,869                       | 16  | 1,904                | 745,773                            | 751,604                               |
| NY ..... | 12,154                               | 12.80                        | 3.49            | 1,555,712                     | 2   | 256                  | 1,555,968                          | 1,563,776                             |
| NC ..... | 1,121                                | 13.80                        | 3.78            | 154,698                       | 6   | 828                  | 155,526                            | 156,906                               |
| ND ..... | 571                                  | 11.80                        | 3.20            | 67,378                        | 1   | 118                  | 67,496                             | 69,030                                |
| OH ..... | 4,450                                | 12.60                        | 3.37            | 560,700                       | 5   | 630                  | 561,330                            | 563,850                               |
| OK ..... | 1,280                                | 13.50                        | 3.74            | 172,800                       | 1   | 135                  | 172,935                            | 174,690                               |
| OR ..... | 2,074                                | 12.50                        | 3.41            | 259,250                       | 2   | 250                  | 259,500                            | 261,625                               |
| PA ..... | 10,742                               | 13.80                        | 3.72            | 1,482,396                     | 3   | 414                  | 1,482,810                          | 1,486,950                             |
| RI ..... | 22.8                                 | 13.30                        | 3.65            | 3,032                         | .....   | .....                | 3,032                              | 3,046                                 |
| SC ..... | 361                                  | 13.50                        | 3.69            | 48,735                        | 1   | 135                  | 48,870                             | 49,140                                |
| SD ..... | 1,392                                | 12.80                        | 3.42            | 178,176                       | 2   | 256                  | 178,432                            | 179,712                               |
| TN ..... | 1,310                                | 13.20                        | 3.59            | 172,920                       | 1   | 132                  | 173,052                            | 173,580                               |
| TX ..... | 5,276                                | 12.90                        | 3.49            | 680,604                       | 2   | 258                  | 680,862                            | 683,700                               |
| UT ..... | 1,639                                | 11.80                        | 3.25            | 193,402                       | 2   | 236                  | 193,638                            | 195,762                               |
| VT ..... | 2,684                                | 12.70                        | 3.42            | 340,868                       | 2   | 254                  | 341,122                            | 343,281                               |
| VA ..... | 1,883                                | 14.20                        | 3.89            | 267,386                       | 2   | 284                  | 267,670                            | 268,522                               |
| WA ..... | 5,592                                | 12.00                        | 3.27            | 671,040                       | 1   | 120                  | 671,160                            | 674,400                               |
| WV ..... | 240                                  | 12.70                        | 3.53            | 30,480                        | 1   | 127                  | 30,607                             | 30,861                                |
| WI ..... | 21,825                               | 12.20                        | 3.27            | 2,662,650                     | 40  | 4,880                | 2,667,530                          | 2,693,028                             |
| WY ..... | 62.3                                 | 11.40                        | 3.11            | 7,102                         | 0.2   | 23                   | 7,125                              | 7,228                                 |
| US ..... | 168,617                              | 12.19                        | 3.31            | 20,546,980                    | 161   | 19,997               | 20,566,977                         | 20,687,958                            |

<sup>1</sup> Cash receipts divided by milk or milkfat in combined marketings. <sup>2</sup> Value at averaged returns per 100 pounds of milk in combined marketings of milk and cream. <sup>3</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption. <sup>4</sup> Includes value of milk fed to calves.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-15.—Milk Production: Marketings, income and value, United States, 1993–2002**

| Year                    | Combined marketings of milk and cream |                              |                   |                               | Used for milk, cream, and butter on farms where produced |                      | Gross farm income from dairy products <sup>4</sup> | Farm value of all milk produced <sup>3,5</sup> |
|-------------------------|---------------------------------------|------------------------------|-------------------|-------------------------------|--|----------------------|--|--|
|                         | Milk utilized                         | Average returns <sup>2</sup> |                   | Cash receipts from marketings | Milk utilized  | Value <sup>3</sup>   |  |  |
|                         |                                       | Per 100 pounds milk          | Per pound milkfat |                               |  |                      |  |  |
|                         | <i>Million pounds</i>                 | <i>Dollars</i>               | <i>Dollars</i>    | <i>1,000 dollars</i>          | <i>Million pounds</i>                                    | <i>1,000 dollars</i> | <i>1,000 dollars</i>                               | <i>1,000 dollars</i>                           |
| 1993 .....              | 148,891                               | 12.93                        | 3.53              | 19,258,442                    | 415  | 54,699               | 19,313,144   | 19,487,104                                     |
| 1994 .....              | 151,944                               | 13.15                        | 3.59              | 19,980,583                    | 390  | 52,378               | 20,032,961   | 20,201,639                                     |
| 1995 .....              | 153,737                               | 12.93                        | 3.53              | 19,876,353                    | 340  | 44,522               | 19,920,875   | 20,079,217                                     |
| 1996 .....              | 152,531                               | 14.94                        | 4.05              | 22,781,435                    | 301  | 45,304               | 22,826,739   | 23,002,715                                     |
| 1997 .....              | 154,697                               | 13.53                        | 3.70              | 20,936,726                    | 256  | 34,854               | 20,971,580   | 21,125,886                                     |
| 1998 .....              | 155,943                               | 15.46                        | 4.22              | 24,114,036                    | 244  | 37,842               | 24,151,878   | 24,331,981                                     |
| 1999 .....              | 161,387                               | 14.38                        | 3.92              | 23,207,099                    | 219  | 32,038               | 23,239,137   | 23,400,050                                     |
| 2000 .....              | 166,256                               | 12.40                        | 3.37              | 20,607,889                    | 196  | 24,573               | 20,632,462   | 20,770,589                                     |
| 2001 .....              | 164,284                               | 15.04                        | 4.10              | 24,709,749                    | 173  | 26,346               | 24,736,095   | 24,893,985                                     |
| 2002 <sup>1</sup> ..... | 168,617                               | 12.19                        | 3.31              | 20,546,980                    | 161  | 19,997               | 20,566,977   | 20,687,958                                     |

<sup>1</sup> Preliminary. <sup>2</sup> Cash receipts divided by milk or milkfat represented in combined marketings. <sup>3</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. <sup>4</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption. <sup>5</sup> Includes value of milk fed to calves.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-16.—Milk: Quantities used and marketed by farmers, United States, 1993–2002**

| Year                    | Milk used on farms where produced |                                 |                       | Milk marketed by producers |                          |
|-------------------------|-----------------------------------|---------------------------------|-----------------------|----------------------------|--------------------------|
|                         | Fed to calves <sup>1</sup>        | Consumed as fluid milk or cream | Total                 | Total <sup>2</sup>         | Fluid grade <sup>3</sup> |
|                         | <i>Million pounds</i>             | <i>Million pounds</i>           | <i>Million pounds</i> | <i>Million pounds</i>      | <i>Percent</i>           |
| 1993 .....              | 1,330                             | 415                             | 1,745                 | 148,891                    | 95                       |
| 1994 .....              | 1,267                             | 390                             | 1,657                 | 151,944                    | 95                       |
| 1995 .....              | 1,216                             | 340                             | 1,556                 | 153,737                    | 96                       |
| 1996 .....              | 1,175                             | 301                             | 1,476                 | 152,531                    | 96                       |
| 1997 .....              | 1,138                             | 256                             | 1,394                 | 154,697                    | 97                       |
| 1998 .....              | 1,162                             | 244                             | 1,406                 | 155,943                    | 97                       |
| 1999 .....              | 1,109                             | 219                             | 1,328                 | 161,387                    | 98                       |
| 2000 .....              | 1,107                             | 196                             | 1,303                 | 166,256                    | 98                       |
| 2001 .....              | 1,039                             | 173                             | 1,212                 | 164,284                    | 98                       |
| 2002 <sup>4</sup> ..... | 980                               | 161                             | 1,141                 | 168,617                    | 98                       |

<sup>1</sup> Excludes milk sucked by calves. <sup>2</sup> Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also includes milk produced by institutional herds. <sup>3</sup> Percentage of milk sold that is eligible for fluid use (grade A for fluid use in most States). Includes fluid-grade milk used in manufacturing dairy products. <sup>4</sup> Preliminary.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-17.—Milk: Cows, yield per cow, and production in specified countries, 2000–2002**

| Country and continent          | Milk cows         |                   |                   | Per cow yield     |                   |                   | Milk production          |                          |                          |
|--------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------------|--------------------------|--------------------------|
|                                | 2000              | 2001              | 2002              | 2000              | 2001              | 2002              | 2000                     | 2001                     | 2002                     |
|                                | <i>1,000 head</i> | <i>1,000 head</i> | <i>1,000 head</i> | <i>Kilo grams</i> | <i>Kilo grams</i> | <i>Kilo grams</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| North America:                 |                   |                   |                   |                   |                   |                   |                          |                          |                          |
| Canada .....                   | 1,141             | 1,091             | 1,084             | 7,152             | 7,430             | 7,347             | 8,161                    | 8,106                    | 7,964                    |
| Mexico .....                   | 6,800             | 6,800             | 6,800             | 1,368             | 1,397             | 1,406             | 9,305                    | 9,501                    | 9,560                    |
| United States .....            | 9,206             | 9,114             | 9,141             | 8,256             | 8,237             | 8,424             | 76,004                   | 75,069                   | 77,002                   |
| Total .....                    | 17,147            | 17,096            | 17,025            | .....             | .....             | .....             | 93,470                   | 92,676                   | 94,526                   |
| South America:                 |                   |                   |                   |                   |                   |                   |                          |                          |                          |
| Argentina .....                | 2,450             | 2,450             | 2,150             | 4,000             | 3,878             | 3,953             | 9,800                    | 9,500                    | 8,500                    |
| Brazil .....                   | 16,040            | 15,900            | 15,600            | 1,380             | 1,403             | 1,451             | 22,134                   | 22,300                   | 22,635                   |
| Chile .....                    | 608               | 610               | 614               | 3,388             | 3,688             | 3,637             | 2,060                    | 2,250                    | 2,230                    |
| Peru .....                     | 610               | 610               | 620               | 1,803             | 1,803             | 1,926             | 1,100                    | 1,100                    | 1,197                    |
| Venezuela .....                | 735               | 730               | 730               | 1,769             | 1,781             | 1,781             | 1,300                    | 1,300                    | 1,300                    |
| Total .....                    | 20,443            | 20,300            | 19,865            | .....             | .....             | .....             | 36,394                   | 36,300                   | 35,135                   |
| European Union-15: .....       | 20,610            | 20,480            | 20,068            | 5,575             | 5,608             | 5,730             | 114,900                  | 114,856                  | 115,600                  |
| Eastern Europe:                |                   |                   |                   |                   |                   |                   |                          |                          |                          |
| Poland .....                   | 3,296             | 3,130             | 2,991             | 3,580             | 3,800             | 3,962             | 11,800                   | 11,894                   | 11,850                   |
| Romania .....                  | 1,580             | 1,564             | 1,550             | 3,228             | 3,317             | 3,323             | 5,100                    | 5,188                    | 5,150                    |
| Total .....                    | 4,876             | 4,694             | 4,650             | .....             | .....             | .....             | 16,900                   | 17,082                   | 17,150                   |
| Former Soviet Union:           |                   |                   |                   |                   |                   |                   |                          |                          |                          |
| Russia .....                   | 12,900            | 12,500            | 12,200            | 2,558             | 2,640             | 2,746             | 33,000                   | 33,000                   | 33,500                   |
| Ukraine .....                  | 5,431             | 4,958             | 4,918             | 2,283             | 2,656             | 2,818             | 12,400                   | 13,169                   | 13,860                   |
| Total .....                    | 18,331            | 17,458            | 17,118            | .....             | .....             | .....             | 45,400                   | 46,169                   | 47,200                   |
| South Asia:                    |                   |                   |                   |                   |                   |                   |                          |                          |                          |
| India <sup>1</sup> .....       | 33,750            | 35,900            | 36,000            | 1,074             | 1,014             | 1,006             | 36,250                   | 36,400                   | 36,200                   |
| Total .....                    | 33,750            | 35,900            | 36,000            | .....             | .....             | .....             | 36,250                   | 36,400                   | 36,200                   |
| Asia:                          |                   |                   |                   |                   |                   |                   |                          |                          |                          |
| China .....                    | 2,280             | 2,848             | 3,164             | 3,629             | 3,601             | 4,108             | 8,274                    | 10,255                   | 12,998                   |
| Japan .....                    | 992               | 971               | 966               | 8,566             | 8,548             | 8,680             | 8,497                    | 8,300                    | 8,385                    |
| Total .....                    | 3,272             | 3,819             | 4,130             | .....             | .....             | .....             | 16,771                   | 15,633                   | 19,460                   |
| Oceania:                       |                   |                   |                   |                   |                   |                   |                          |                          |                          |
| Australia <sup>2</sup> .....   | 2,171             | 2,281             | 2,369             | 5,146             | 4,763             | 4,900             | 11,172                   | 10,864                   | 11,608                   |
| New Zealand <sup>3</sup> ..... | 3,337             | 3,557             | 3,749             | 3,666             | 3,700             | 3,714             | 12,235                   | 13,162                   | 13,925                   |
| Total .....                    | 5,508             | 5,838             | 6,118             | .....             | .....             | .....             | 23,407                   | 24,026                   | 25,533                   |
| World total .....              | 125,937           | 125,585           | 125,226           | .....             | .....             | .....             | 383,492                  | 383,451                  | 390,334                  |

<sup>1</sup> Year beginning April 1 of the year shown.   <sup>2</sup> Year ending June 30 of the year shown.   <sup>3</sup> Year ending May 31 of the year shown.

FAS, Dairy, Livestock and Poultry Division, (202) 720-8870. Data from counselor/attaché reports and official statistics.

**Table 8-18.—Federal milk order markets: Measures of growth, 1993–2003<sup>1</sup>**

| Year       | Number of markets <sup>2</sup> | Population of Federal milk marketing areas | Number of Handlers <sup>2</sup> | Number of Producers <sup>3</sup> | Receipts of producer milk | Producer milk used in Class I | Percentage of producer milk used in Class I |
|------------|--------------------------------|--|---------------------------------|----------------------------------|---------------------------|-------------------------------|---|
|            | <i>Number</i>                  | <i>Thousands</i>                           | <i>Number</i>                   | <i>Number</i>                    | <i>Million pounds</i>     | <i>Million pounds</i>         | <i>Percent</i>                              |
| 1993 ..... | 38                             | 199,604                                    | 675                             | 92,934                           | 103,979                   | 44,805                        | 43.1  |
| 1994 ..... | 38                             | 201,561                                    | 629                             | 91,397                           | 107,811                   | 44,866                        | 41.6  |
| 1995 ..... | 33                             | 207,548                                    | 571                             | 88,717                           | 108,548                   | 45,004                        | 41.5  |
| 1996 ..... | 32                             | 209,599                                    | 570                             | 82,947                           | 104,501                   | 45,479                        | 43.5  |
| 1997 ..... | 31                             | 208,379                                    | 570                             | 78,422                           | 105,224                   | 44,917                        | 42.7  |
| 1998 ..... | 31                             | 210,484                                    | 522                             | 72,402                           | 99,223                    | 44,968                        | 45.3  |
| 1999 ..... | 31                             | 212,118                                    | 487                             | 69,008                           | 104,479                   | 45,216                        | 43.3  |
| 2000 ..... | 11                             | 228,899                                    | 346                             | 69,590                           | 116,920                   | 45,989                        | 39.3  |
| 2001 ..... | 11                             | 231,487                                    | 350                             | 69,423                           | 120,223                   | 45,887                        | 38.2  |
| 2002 ..... | 11                             | 234,256                                    | 338                             | 63,856                           | 125,546                   | 46,043                        | 36.7  |

  

| Year       | Prices at 3.5 percent butterfat content per hundredweight <sup>4</sup> |                | Receipts as percentage of milk sold to plants and dealers |                | Daily deliveries per producer | Gross value of receipts of producer milk <sup>5</sup> |                |
|------------|--|----------------|---|----------------|-------------------------------|---|----------------|
|            | Class I  | Blend          | Fluid grade   | All milk       |                               | Per producer  | All producers  |
|            | <i>Dollars</i>   | <i>Dollars</i> | <i>Percent</i>  | <i>Percent</i> |                               | <i>Pounds</i>   | <i>Dollars</i> |
| 1993 ..... | 14.19  | 12.89          | 73  | 69             | 3,073                         | 145,350   | 13,507,974     |
| 1994 ..... | 14.75  | 13.16          | 75  | 71             | 3,232                         | 156,253   | 14,281,193     |
| 1995 ..... | 14.19  | 12.79          | 75  | 71             | 3,350                         | 157,754   | 13,995,454     |
| 1996 ..... | 16.19  | 14.64          | 72  | 69             | 3,442                         | 187,713   | 15,570,261     |
| 1997 ..... | 14.36  | 13.10          | 71  | 69             | 3,676                         | 178,424   | 13,992,366     |
| 1998 ..... | 16.14  | 14.92          | 66  | 64             | 3,755                         | 202,770   | 14,681,340     |
| 1999 ..... | 16.24  | 14.09          | 67  | 65             | 4,148                         | 216,794   | 14,960,544     |
| 2000 ..... | 14.24  | 12.11          | 72  | 70             | 4,590                         | 207,913   | 14,468,892     |
| 2001 ..... | 16.96  | 14.90          | 75  | 73             | 4,959                         | 275,642   | 18,308,968     |
| 2002 ..... | 13.69  | 11.91          | 77  | 76             | 5,387                         | 237,503   | 15,165,997     |

<sup>1</sup>Over this period, handlers elected periodically not to pool substantial volumes of milk that normally would have been pooled under Federal orders. This decision resulted from disadvantageous blend/class price relationships and qualification circumstances. This fact should be kept in mind if year-to-year comparisons are made using the various "producer deliveries" measures of growth. <sup>2</sup>End of year. <sup>3</sup>Average for year. <sup>4</sup>Prices are weighted averages. <sup>5</sup>Based on blend (uniform) price adjusted for butterfat content, and in later years, other milk components of producer milk.



Table 8-19.—Dairy products: Quantities manufactured, United States, 1998–2002

| Product                                     | 1998                 | 1999                 | 2000                 | 2001                 | 2002 <sup>1</sup>    |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|
|   | <i>1,000 pounds</i>  | <i>1,000 pounds</i>  | <i>1,000 pounds</i>  | <i>1,000 pounds</i>  | <i>1,000 pounds</i>  |
| Butter .....                                | 1,167,983            | 1,277,090            | 1,256,032            | 1,231,838            | 1,355,148            |
| All American cheese .....                   | 3,314,652            | 2,809,534            | 2,819,023            | 2,746,691            | 2,840,077            |
| Cheddar cheese .....                        | 206,408              | 220,453              | 229,322              | 245,504              | 254,096              |
| Swiss cheese .....                          | 94,615               | 80,273               | 85,475               | 82,222               | 80,405               |
| Muenster cheese .....                       | 7,578                | 8,114                | 8,608                | 8,706                | 9,306                |
| Brick cheese .....                          | 865                  | 664                  | 637                  | 702                  | 651                  |
| Limburger cheese .....                      | 621,335              | 644,164              | 687,440              | 645,056              | 709,551              |
| Cream and Neufchatel cheese .....           | 75,993               | 86,370               | 96,303               | 108,810              | 121,251              |
| Hispanic cheese .....                       | 2,366,164            | 2,527,208            | 2,634,999            | 2,767,784            | 2,813,712            |
| Mozzarella .....                            | 3,004,715            | 3,151,736            | 3,288,911            | 3,425,886            | 3,506,478            |
| All Italian varieties of cheese .....       | 165,958              | 181,550              | 219,678              | 199,557              | 208,296              |
| All other varieties of cheese .....         |                      |                      |                      |                      |                      |
| Total of all cheese .....                   | 7,492,119            | 7,941,248            | 8,257,998            | 8,260,628            | 8,599,049            |
| Cottage cheese:                             |                      |                      |                      |                      |                      |
| Curd <sup>2</sup> .....                     | 465,759              | 464,785              | 460,974              | 453,195              | 437,935              |
| Creamed <sup>2</sup> .....                  | 366,761              | 360,551              | 371,460              | 371,623              | 372,399              |
| Lowfat <sup>2</sup> .....                   | 361,246              | 359,315              | 363,658              | 370,233              | 374,296              |
| Sweetened condensed milk:                   |                      |                      |                      |                      |                      |
| Bulk goods:                                 |                      |                      |                      |                      |                      |
| Skimmed .....                               | 37,810               | 37,510               | 34,611               | 32,616               | 22,345               |
| Unskimmed .....                             | 79,766               | 74,104               | 70,803               | 70,212               | 76,892               |
| Unsweetened condensed milk:                 |                      |                      |                      |                      |                      |
| Bulk goods:                                 |                      |                      |                      |                      |                      |
| Skimmed .....                               | 1,053,762            | 1,163,789            | 1,021,907            | 937,027              | 1,033,393            |
| Unskimmed .....                             | 91,216               | 89,294               | 74,841               | 70,132               | 56,028               |
| Evaporated and condensed milk:              |                      |                      |                      |                      |                      |
| Case goods:                                 |                      |                      |                      |                      |                      |
| Skimmed .....                               | 28,701               | 27,782               | 23,488               | 14,972               | 19,744               |
| Unskimmed .....                             | 461,520              | 470,021              | 441,986              | 452,846              | 573,301              |
| Condensed or evaporated buttermilk .....    | 29,771               | 26,424               | 19,963               | 35,063               | 55,875               |
| Dry buttermilk .....                        | 50,093               | 52,107               | 56,245               | 51,712               | 54,886               |
| Dry whole milk .....                        | 142,523              | 117,991              | 111,377              | 41,201               | 47,411               |
| Nonfat dry milk .....                       | 1,135,383            | 1,359,660            | 1,451,751            | 1,413,777            | 1,568,991            |
| Dry skim milk (animal feed) .....           | 4,330                | 4,817                | 5,567                | 5,507                | 7,565                |
| Dry whey .....                              | 1,178,261            | 1,147,388            | 1,187,903            | 1,045,655            | 1,115,772            |
| Yogurt plain & fruit flavored .....         | 1,638,992            | 1,717,181            | 1,836,591            | 2,002,825            | 2,135,106            |
|   | <i>1,000 gallons</i> | <i>1,000 gallons</i> | <i>1,000 gallons</i> | <i>1,000 gallons</i> | <i>1,000 gallons</i> |
| Ice cream, regular <sup>3</sup> .....       | 935,080              | 972,210              | 979,645              | 970,121              | 988,883              |
| Ice cream, lowfat <sup>4</sup> .....        | 406,679              | 381,236              | 373,383              | 380,165              | 361,587              |
| Ice cream, nonfat .....                     | 42,802               | 39,859               | 30,735               | 22,391               | 20,637               |
| Sherbet (does not include water ices) ..... | 54,592               | 54,479               | 51,933               | 52,634               | 54,639               |
| Frozen yogurt .....                         | 97,246               | 90,851               | 94,478               | 71,153               | 73,406               |

<sup>1</sup> Preliminary. <sup>2</sup> Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat. <sup>3</sup> Contains minimum milkfat content of 10 percent and not less than 4.5 pounds per gallon. <sup>4</sup> Includes freezer-made milkshake in most States. Contains less than 10 percent milkfat required for ice cream.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-20.—Dairy Products: Factory production of specified items, by States, 2001–2002**

| State       | Butter              |                     | Total American cheese <sup>2</sup> |                     | Total cheese <sup>3</sup> |                     |
|-------------|---------------------|---------------------|------------------------------------|---------------------|---------------------------|---------------------|
|             | 2001                | 2002 <sup>1</sup>   | 2001                               | 2002 <sup>1</sup>   | 2001                      | 2002 <sup>1</sup>   |
|             | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>                | <i>1,000 pounds</i> | <i>1,000 pounds</i>       | <i>1,000 pounds</i> |
| CA .....    | 341,103             | 379,462             | 745,391                            | 814,170             | 1,643,334                 | 1,722,190           |
| ID .....    |                     |                     | 470,945                            | 482,841             | 569,419                   | 619,943             |
| IL .....    |                     |                     |                                    |                     | 102,690                   | 95,055              |
| IA .....    |                     |                     | 131,188                            | 139,159             | 263,552                   | 272,109             |
| MA .....    |                     |                     |                                    |                     | 858                       | 841                 |
| MN .....    |                     |                     | 557,277                            | 569,345             | 594,085                   | 590,843             |
| MO .....    |                     |                     |                                    |                     | 99,104                    | 98,521              |
| NY .....    | 26,221              | 28,292              | 98,476                             | 92,709              | 702,754                   | 716,822             |
| OH .....    |                     |                     | 28,512                             | 34,266              | 146,184                   | 159,527             |
| OR .....    |                     |                     | 70,258                             | 94,160              |                           |                     |
| PA .....    | 74,378              | 80,603              |                                    |                     | 366,972                   | 374,051             |
| SD .....    |                     |                     | 81,182                             | 77,151              | 146,897                   | 155,664             |
| UT .....    |                     |                     |                                    |                     | 62,596                    | 66,296              |
| WA .....    | 102,110             | 107,511             | 142,776                            | 153,010             | 146,715                   | 153,901             |
| WI .....    | 324,675             | 342,503             | 833,232                            | 858,272             | 2,133,156                 | 2,235,639           |
| Other ..... | 363,351             | 416,777             | 384,948                            | 393,932             | 1,282,312                 | 1,337,647           |
| US .....    | 1,231,838           | 1,355,148           | 3,544,185                          | 3,709,015           | 8,260,628                 | 8,599,049           |

| State       | Nonfat dry milk for human food |                   | Total ice cream, regular |                   |
|-------------|--------------------------------|-------------------|--------------------------|-------------------|
|             | 2001                           | 2002 <sup>1</sup> | 2001                     | 2002 <sup>1</sup> |
|             | <i>Pounds</i>                  | <i>Pounds</i>     | <i>Pounds</i>            | <i>Pounds</i>     |
| CA .....    | 694,459                        | 758,985           | 143,525                  | 131,526           |
| FL .....    |                                |                   | 23,401                   | 24,803            |
| ID .....    | 88,162                         | 88,977            |                          |                   |
| IN .....    |                                |                   | 81,213                   | 79,324            |
| MD .....    |                                |                   |                          | 21,630            |
| MI .....    |                                |                   | 22,415                   | 27,218            |
| MN .....    |                                |                   | 44,609                   | 46,136            |
| MO .....    |                                |                   | 20,369                   | 21,901            |
| NY .....    |                                |                   | 37,418                   | 36,441            |
| NC .....    |                                |                   | 21,284                   | 32,703            |
| OH .....    |                                |                   | 36,645                   | 37,127            |
| OR .....    |                                |                   | 13,478                   | 12,368            |
| PA .....    |                                |                   | 50,056                   | 55,995            |
| SD .....    |                                |                   | 56                       | 50                |
| TN .....    |                                |                   | 19,550                   | 17,647            |
| TX .....    |                                |                   | 61,740                   | 53,098            |
| UT .....    |                                |                   | 18,674                   | 15,687            |
| WA .....    | 187,346                        | 191,958           | 16,188                   | 14,918            |
| Other ..... | 443,810                        | 529,071           | 359,500                  | 360,311           |
| US .....    | 1,413,777                      | 1,568,991         | 970,121                  | 988,883           |

<sup>1</sup> Preliminary. <sup>2</sup> Includes Colby, washed curd, high and low moisture Jack, and Monterey. <sup>3</sup> Includes full-skim American cheese; excludes cottage cheese.

**Table 8-21.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1993–2002**

| Year       | Milk cows, per head <sup>1</sup> | Milk per 100 pounds <sup>2</sup>       |                |                        |                |                    |                |
|------------|----------------------------------|--|----------------|------------------------|----------------|--------------------|----------------|
|            |                                  | Eligible for fluid market <sup>3</sup> |                | Of manufacturing grade |                | All milk wholesale |                |
|            |                                  | Price per 100 lb.                      | Fat test       | Price per 100 lb.      | Fat test       | Price per 100 lb.  | Fat test       |
|            | <i>Dollars</i>                   | <i>Dollars</i>                         | <i>Percent</i> | <i>Dollars</i>         | <i>Percent</i> | <i>Dollars</i>     | <i>Percent</i> |
| 1993 ..... | 1,160.00                         | 12.88                                  | 3.66           | 11.80                  | 3.76           | 12.84              | 3.66           |
| 1994 ..... | 1,170.00                         | 13.02                                  | 3.65           | 11.85                  | 3.76           | 13.01              | 3.66           |
| 1995 ..... | 1,130.00                         | 12.80                                  | 3.65           | 11.79                  | 3.75           | 12.78              | 3.66           |
| 1996 ..... | 1,090.00                         | 14.79                                  | 3.69           | 13.43                  | 3.78           | 14.75              | 3.69           |
| 1997 ..... | 1,100.00                         | 13.40                                  | 3.65           | 12.17                  | 3.77           | 13.36              | 3.66           |
| 1998 ..... | 1,120.00                         | 15.50                                  | 3.65           | 14.24                  | 3.77           | 15.46              | 3.66           |
| 1999 ..... | 1,280.00                         | 14.42                                  | 3.67           | 12.84                  | 3.79           | 14.38              | 3.67           |
| 2000 ..... | 1,340.00                         | 12.44                                  | 3.68           | 10.52                  | 3.79           | 12.40              | 3.68           |
| 2001 ..... | 1,500.00                         | 15.08                                  | 3.67           | 13.44                  | 3.78           | 15.04              | 3.67           |
| 2002 ..... | 1,600.00                         | 12.20                                  | 3.68           | 10.88                  | 3.80           | 12.19              | 3.68           |

<sup>1</sup> Simple average of quarterly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year. <sup>2</sup> Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market administrators, cooperative milk-market associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums. <sup>3</sup> Milk eligible for fluid market, including surplus diverted to manufacturing.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-22.—Dairy products: Manufacturers' average selling price<sup>1</sup> of specified products, United States, 1993–2002**

| Year       | Dry skim milk for animal feed, per pound, f.o.b. factory | Dry whole milk, per pound, f.o.b. factory |
|------------|--|---|
|            | <i>Cents</i>   | <i>Cents</i>                              |
| 1993 ..... | 55.80  | 113.02                                    |
| 1994 ..... | 52.54  | 114.18                                    |
| 1995 ..... | 50.13  | 112.70                                    |
| 1996 ..... | 60.22  | 128.32                                    |
| 1997 ..... | 59.49  | 117.60                                    |
| 1998 ..... | 51.14  | 129.47                                    |
| 1999 ..... | 51.92  | 125.59                                    |
| 2000 ..... | 54.32  | 120.16                                    |
| 2001 ..... |  | 134.48                                    |
| 2002 ..... |  | 118.48                                    |

<sup>1</sup> Includes milk sold in bulk and in package.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-23.—Dairy products: Manufacturers' stocks, end of month, United States, 2001 and 2002**

| Month           | Evaporated and sweetened condensed whole milk (case goods) |        | Dry whole milk      |                     | Nonfat dry milk (human food) |                     |
|-----------------|--|--------|---------------------|---------------------|------------------------------|---------------------|
|                 | 2001   | 2002   | 2001                | 2002                | 2001                         | 2002                |
|                 |  |        | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>          | <i>1,000 pounds</i> |
| January .....   | 34,420   | 42,080 | 4,032               | 2,339               | 146,348                      | 120,094             |
| February .....  | 43,272   | 45,771 | 2,944               | 2,956               | 137,771                      | 144,563             |
| March .....     | 53,453   | 43,642 | 2,964               | 2,643               | 123,481                      | 159,865             |
| April .....     | 58,969   | 48,809 | 3,534               | 2,974               | 127,114                      | 164,087             |
| May .....       | 64,606   | 55,405 | 3,090               | 2,711               | 134,039                      | 169,719             |
| June .....      | 75,085   | 68,733 | 1,982               | 2,724               | 166,665                      | 177,790             |
| July .....      | 78,214   | 80,048 | 2,163               | 3,387               | 147,202                      | 152,397             |
| August .....    | 79,532   | 89,882 | 2,496               | 2,262               | 108,956                      | 109,476             |
| September ..... | 82,473   | 81,363 | 2,589               | 2,788               | 101,889                      | 84,725              |
| October .....   | 56,914   | 61,451 | 2,921               | 2,932               | 102,151                      | 79,430              |
| November .....  | 48,278   | 54,691 | 3,026               | 1,769               | 102,785                      | 85,824              |
| December .....  | 40,264   | 53,871 | 2,894               | 3,244               | 124,458                      | 103,019             |

NASS, Livestock Branch, (202) 720-3570.

**Table 8-24.—Milk markets under Federal order program: Whole milk and fat-reduced milk products sold for fluid consumption within defined marketing areas, 2001 <sup>1</sup>**

| Federal milk order marketing area | Whole milk products <sup>2</sup> |                   | Fat-reduced milk products <sup>3</sup> |                   | Total fluid milk products |                   |
|-----------------------------------|----------------------------------|-------------------|--|-------------------|---------------------------|-------------------|
|                                   | Quantity                         | Butterfat content | Quantity                               | Butterfat content | Quantity                  | Butterfat content |
|                                   | <i>Million pounds</i>            | <i>Percent</i>    | <i>Million pounds</i>                  | <i>Percent</i>    | <i>Million pounds</i>     | <i>Percent</i>    |
| Northeast .....                   | 4,171                            | 3.26              | 5,601                                  | 1.13              | 9,772                     | 2.04              |
| Appalachian .....                 | 1,349                            | 3.31              | 2,115                                  | 1.33              | 3,464                     | 2.10              |
| Southeast .....                   | 2,141                            | 3.29              | 2,784                                  | 1.34              | 4,925                     | 2.19              |
| Florida .....                     | 1,302                            | 3.33              | 1,520                                  | 1.17              | 2,821                     | 2.17              |
| Mideast .....                     | 1,690                            | 3.29              | 4,693                                  | 1.37              | 6,383                     | 1.88              |
| Upper Midwest .....               | 783                              | 3.28              | 3,591                                  | 1.19              | 4,374                     | 1.56              |
| Central .....                     | 1,224                            | 3.29              | 3,416                                  | 1.30              | 4,640                     | 1.82              |
| Southwest .....                   | 2,051                            | 3.31              | 2,118                                  | 1.35              | 4,169                     | 2.32              |
| Arizona-Las Vegas .....           | 433                              | 3.29              | 810                                    | 1.38              | 1,242                     | 2.05              |
| Western .....                     | 157                              | 3.39              | 732                                    | 1.38              | 889                       | 1.74              |
| Pacific Northwest .....           | 416                              | 3.43              | 1,768                                  | 1.36              | 2,184                     | 1.75              |
| Combined areas                    | 15,715                           | 3.29              | 29,148                                 | 1.28              | 44,863                    | 1.98              |

<sup>1</sup> In-area sales include total sales in each of the areas by handlers regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated. <sup>2</sup> Plain, flavored, and miscellaneous whole milk products and eggnog. <sup>3</sup> Plain, fortified and flavored reduced fat milk (2%), low fat milk (1%), and fat-free milk (skim), and miscellaneous fat-reduced milk products, and buttermilk.

AMS, Dairy Programs, (202) 720-7461.

**Table 8-25.—Milk markets under Federal order program: Whole milk and fat-reduced milk products sold for fluid consumption within defined marketing areas, 2002 <sup>1</sup>**

| Federal milk order marketing area | Whole milk products <sup>2</sup> |                   | Fat-reduced milk products <sup>3</sup> |                   | Total fluid milk products |                   |
|-----------------------------------|----------------------------------|-------------------|--|-------------------|---------------------------|-------------------|
|                                   | Quantity                         | Butterfat content | Quantity                               | Butterfat content | Quantity                  | Butterfat content |
|                                   | <i>Million pounds</i>            | <i>Percent</i>    | <i>Million pounds</i>                  | <i>Percent</i>    | <i>Million pounds</i>     | <i>Percent</i>    |
| Northeast .....                   | 4,120                            | 3.26              | 5,619                                  | 1.13              | 9,738                     | 2.03              |
| Appalachian .....                 | 1,327                            | 3.26              | 2,115                                  | 1.33              | 3,442                     | 2.08              |
| Southeast .....                   | 2,106                            | 3.32              | 2,788                                  | 1.34              | 4,895                     | 2.19              |
| Florida .....                     | 1,320                            | 3.31              | 1,547                                  | 1.20              | 2,868                     | 2.17              |
| Mideast .....                     | 1,690                            | 3.30              | 4,712                                  | 1.36              | 6,402                     | 1.88              |
| Upper Midwest .....               | 801                              | 3.30              | 3,592                                  | 1.17              | 4,393                     | 1.56              |
| Central .....                     | 1,233                            | 3.29              | 3,407                                  | 1.30              | 4,640                     | 1.83              |
| Southwest .....                   | 2,045                            | 3.32              | 2,141                                  | 1.36              | 4,186                     | 2.32              |
| Arizona-Las Vegas .....           | 460                              | 3.30              | 815                                    | 1.37              | 1,275                     | 2.07              |
| Western .....                     | 164                              | 3.37              | 731                                    | 1.39              | 896                       | 1.75              |
| Pacific Northwest .....           | 419                              | 3.43              | 1,757                                  | 1.36              | 2,175                     | 1.76              |
| Combined areas                    | 15,685                           | 3.29              | 29,225                                 | 1.28              | 44,910                    | 1.98              |

<sup>1</sup> In-area sales include total sales in each of the areas by handlers regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated. <sup>2</sup> Plain, flavored, and miscellaneous whole milk products and eggnog. <sup>3</sup> Plain, fortified, and flavored reduced fat milk (2%), low fat milk (1%), and fat-free milk (skim), miscellaneous fat-reduced milk products, and buttermilk.

AMS, Dairy Programs, (202) 720-7461.

Table 8-26.—Milk: Supply and utilization, United States, 1993–2002<sup>1</sup>

| Item  | 1993                      | 1994                      | 1995                      | 1996                      | 1997                      |
|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|   | <i>Million<br/>pounds</i> | <i>Million<br/>pounds</i> | <i>Million<br/>pounds</i> | <i>Million<br/>pounds</i> | <i>Million<br/>pounds</i> |
| Milk production .....   | 150,636                   | 153,602                   | 155,292                   | 154,006                   | 156,091                   |
| Net imports of ingredients (milk equivalent) <sup>3</sup> .....           | 127                       | 148                       | 144                       | 185                       | 168                       |
| Net change in storage cream (milk equivalent) <sup>4</sup> ..             | 5                         | -1                        | 1                         | NA                        | NA                        |
| Total supply .....  | 150,768                   | 153,749                   | 155,437                   | 154,191                   | 156,259                   |
| Utilization (milk equivalent):  |                           |                           |                           |                           |                           |
| Used in manufactured products:  |                           |                           |                           |                           |                           |
| Creamery butter, total milk equivalent .....                              | 29,493                    | 29,127                    | 28,388                    | 26,187                    | 25,714                    |
| Milk equivalent of butter from whey cream .....                           | 4,500                     | 4,592                     | 4,735                     | 4,911                     | 4,966                     |
| Net milk equivalent .....   | 24,993                    | 24,535                    | 23,653                    | 21,276                    | 20,747                    |
| Cheese:   |                           |                           |                           |                           |                           |
| American .....  | 29,415                    | 29,651                    | 31,175                    | 32,551                    | 32,760                    |
| Other .....   | 20,456                    | 21,492                    | 21,412                    | 21,386                    | 22,959                    |
| Cottage cheese, creamed .....   | 557                       | 524                       | 494                       | 461                       | ( <sup>6</sup> )          |
| Canned milk:  |                           |                           |                           |                           |                           |
| Evaporated and sweetened condensed ....                                   | 1,178                     | 1,184                     | 1,049                     | 1,013                     | 1,208                     |
| Bulk condensed whole milk:  |                           |                           |                           |                           |                           |
| Unsweetened .....   | 244                       | 205                       | 203                       | 242                       | 227                       |
| Sweetened .....   | 324                       | 277                       | 254                       | 266                       | 314                       |
| Dry whole milk .....  | 1,130                     | 1,227                     | 1,262                     | 83                        | 898                       |
| Ice cream and other frozen dairy products,<br>total milk equivalent ..... | 14,058                    | 15,265                    | 15,094                    | 15,248                    | 15,970                    |
| Milk equivalent of butter and condensed<br>milk used in ice cream .....   | 1,995                     | 2,083                     | 2,053                     | 2,058                     | 2,112                     |
| Net milk equivalent .....   | 12,063                    | 13,182                    | 13,041                    | 13,190                    | 13,859                    |
| Other manufactured products <sup>5</sup> .....                            | 199                       | 216                       | 252                       | 217                       | 686                       |
| Total manufactured products .....   | 90,559                    | 92,493                    | 92,795                    | 91,585                    | 93,657                    |
| Total available for fluid products <sup>6</sup> .....                     | 55,319                    | 54,849                    | 56,408                    | 56,864                    | 56,674                    |
| Used on farms where produced:   |                           |                           |                           |                           |                           |
| Fed to calves .....   | 1,330                     | 1,267                     | 1,216                     | 1,175                     | 1,138                     |
| Used for farm-churned butter .....  | 415                       | 390                       | 340                       | 301                       | 256                       |
| Total used on farms .....   | 1,745                     | 1,657                     | 1,556                     | 1,476                     | 1,394                     |
| Residual <sup>7</sup> .....   | 3,145                     | 4,750                     | 4,678                     | 4,266                     | 4,534                     |
| Total utilization .....   | 150,768                   | 153,749                   | 155,437                   | 154,191                   | 156,259                   |
| See footnotes at end of table.  |                           |                           |                           |                           |                           |

**Table 8-26.—Milk: Supply and utilization, United States, 1993–2002<sup>1</sup>—Continued**

| Item   | 1998                  | 1999                  | 2000                  | 2001                  | 2002 <sup>2</sup>     |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|  | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> |
| Milk production .....  | 157,348               | 162,716               | 167,559               | 165,496               | 169,758               |
| Net imports of ingredients (milk equivalent) <sup>3</sup> .....        | 656                   | 429                   | 237                   | 688                   | 315                   |
| Net change in storage cream (milk equivalent) <sup>4</sup> ..          | NA                    | NA                    | NA                    | NA                    | NA                    |
| <b>Total supply .....</b>  | <b>158,004</b>        | <b>163,145</b>        | <b>167,796</b>        | <b>166,184</b>        | <b>170,073</b>        |
| <b>Utilization (milk equivalent):</b>                                  |                       |                       |                       |                       |                       |
| Used in manufactured products:   |                       |                       |                       |                       |                       |
| Creamery butter, total milk equivalent .....                           | 26,211                | 28,657                | 28,059                | 27,557                | 30,250                |
| Milk equivalent of butter from whey cream .....                        | 5,094                 | 5,392                 | 5,538                 | 5,612                 | 5,791                 |
| Net milk equivalent .....  | 21,118                | 23,265                | 22,521                | 21,945                | 24,459                |
| Cheese:  |                       |                       |                       |                       |                       |
| American .....   | 33,159                | 35,614                | 36,267                | 35,373                | 36,917                |
| Other .....  | 23,668                | 24,540                | 25,990                | 26,431                | 27,587                |
| Cottage cheese, creamed .....  | <sup>(8)</sup>        | <sup>(8)</sup>        | <sup>(8)</sup>        | <sup>(8)</sup>        | <sup>(8)</sup>        |
| Canned milk:   |                       |                       |                       |                       |                       |
| Evaporated and sweetened condensed .....                               | 1,017                 | 1,037                 | 965                   | 991                   | 1,259                 |
| Bulk condensed whole milk:   |                       |                       |                       |                       |                       |
| Unsweetened .....  | 222                   | 216                   | 180                   | 170                   | 135                   |
| Sweetened .....  | 186                   | 171                   | 163                   | 163                   | 178                   |
| Dry whole milk .....   | 1,050                 | 868                   | 815                   | 303                   | 348                   |
| Ice cream and other frozen dairy products, total milk equivalent ..... | 16,452                | 16,675                | 16,665                | 16,615                | 16,693                |
| Milk equivalent of butter and condensed milk used in ice cream .....   | 2,151                 | 2,305                 | 2,218                 | 2,220                 | 2,320                 |
| Net milk equivalent .....  | 14,301                | 14,370                | 14,447                | 14,395                | 14,373                |
| Other manufactured products <sup>5</sup> .....                         | 697                   | 682                   | 700                   | 701                   | 706                   |
| <b>Total manufactured products .....</b>                               | <b>95,417</b>         | <b>100,761</b>        | <b>102,047</b>        | <b>100,471</b>        | <b>105,961</b>        |
| <b>Total available for fluid products<sup>6</sup> .....</b>            | <b>55,267</b>         | <b>55,712</b>         | <b>55,517</b>         | <b>55,105</b>         | <b>55,262</b>         |
| Used on farms where produced:  |                       |                       |                       |                       |                       |
| Fed to calves .....  | 1,162                 | 1,109                 | 1,107                 | 1,101                 | 980                   |
| Used for farm-churned butter .....                                     | 244                   | 219                   | 196                   | 170                   | 161                   |
| <b>Total used on farms .....</b>                                       | <b>1,406</b>          | <b>1,328</b>          | <b>1,303</b>          | <b>1,181</b>          | <b>1,141</b>          |
| <b>Residual<sup>7</sup> .....</b>                                      | <b>5,914</b>          | <b>5,344</b>          | <b>8,929</b>          | <b>9,427</b>          | <b>7,709</b>          |
| <b>Total utilization .....</b>   | <b>158,004</b>        | <b>163,145</b>        | <b>167,796</b>        | <b>166,184</b>        | <b>170,073</b>        |

<sup>1</sup> Milk production plus the milk equivalent (ME) of net imports of dairy manufacturing ingredients and net out-of-storage movement of cream equals total supply. Data on milk used in manufacturing products are based on total milkfat required to produce the products and include the milk equivalent of any imported dairy ingredients used. <sup>2</sup> Preliminary. <sup>3</sup> Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures. <sup>4</sup> Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage. <sup>5</sup> Includes cottage cheese, anhydrous milkfat, butter oil, butterine, and cottage cheese beginning in 1997. <sup>6</sup> Total sales in U.S. (USDA-AMS). <sup>7</sup> Residual, includes minor miscellaneous uses and any inaccuracies in production, utilization estimates, or milk equivalent conversions. <sup>8</sup> Cottage cheese included in other manufactured products beginning 1997. NA-not available.

**Table 8-27.—Milk markets under Federal order program: Blend and Class I milk prices at 3.5 percent fat test, number of producers, producer deliveries, producer deliveries used in Class I, Class I percentage, average daily deliveries per producer, average fat test of milk delivered by markets, 2001**

| Federal milk order marketing area       | Class I price per cwt. <sup>1</sup> | Blend price per cwt. <sup>1 2</sup> | Average number of producers | Receipts of producer milk | Producer milk used in Cl. I | Class I utilization | Daily milk delivery per producer | Average fat test |
|---|-------------------------------------|-------------------------------------|-----------------------------|---------------------------|-----------------------------|---------------------|----------------------------------|------------------|
|   | <i>Dollars</i>                      | <i>Dollars</i>                      | <i>Number</i>               | <i>Million pounds</i>     | <i>Million pounds</i>       | <i>Percent</i>      | <i>Pounds</i>                    | <i>Percent</i>   |
| Northeast <sup>3</sup> .....            | 17.52                               | 15.68                               | 17,165                      | 24,557                    | 10,642                      | 43.3                | 3,920                            | 3.68             |
| Appalachian <sup>4</sup> .....          | 17.39                               | 16.31                               | 4,232                       | 6,673                     | 4,352                       | 65.2                | 4,318                            | 3.65             |
| Southeast <sup>5</sup> .....            | 17.36                               | 16.07                               | 4,942                       | 7,769                     | 4,805                       | 61.9                | 4,316                            | 3.64             |
| Florida <sup>6</sup> .....              | 18.21                               | 17.76                               | 290                         | 2,772                     | 2,492                       | 89.9                | 26,845                           | 3.60             |
| Midwest <sup>7 8</sup> .....            | 16.27                               | 14.58                               | 11,395                      | 17,229                    | 6,633                       | 38.5                | 4,134                            | 3.68             |
| Upper Midwest <sup>8 9</sup> .....      | 16.08                               | 13.70                               | 14,585                      | 20,062                    | 3,969                       | 19.8                | 3,776                            | 3.72             |
| Central <sup>8 10</sup> .....           | 16.27                               | 14.21                               | 10,912                      | 17,836                    | 4,881                       | 27.4                | 4,487                            | 3.69             |
| Southwest <sup>8 11</sup> .....         | 17.29                               | 15.48                               | 810                         | 8,604                     | 4,029                       | 46.8                | 29,184                           | 3.62             |
| Arizona-Las Vegas <sup>12</sup> .....   | 16.61                               | 14.43                               | 116                         | 2,956                     | 953                         | 32.2                | 70,119                           | 3.62             |
| Western <sup>8 13</sup> .....           | 16.19                               | 14.16                               | 791                         | 4,677                     | 1,033                       | 22.1                | 16,188                           | 3.61             |
| Pacific Northwest <sup>8 14</sup> ..... | 16.18                               | 14.32                               | 1,185                       | 7,088                     | 2,098                       | 29.6                | 16,424                           | 3.66             |
| All markets combined .....              | 16.96                               | 14.90                               | 66,423                      | 120,223                   | 45,887                      | 38.2                | 4,959                            | 3.67             |

<sup>1</sup>Prices are for milk of 3.5 percent butterfat content and for the principal pricing point of the market. See footnotes 3-14. <sup>2</sup>For those orders that use the component pricing system for paying producers (orders 1, 30, 32, 33, 124, 126, and 135), the figures are the statistical uniform price (the sum of the producer price differential and the Class III price). For those orders that use the skim milk/butterfat pricing system for paying producers (orders 5, 6, 7, and 131), the figures are the uniform price (the sum of the uniform butterfat price times 3.5 and the uniform skim milk price times 0.965). <sup>3</sup>Suffolk Co. (Boston), MA. <sup>4</sup>Mecklenburg Co. (Charlotte), NC. <sup>5</sup>Fulton Co. (Atlanta), GA. <sup>6</sup>Hillsborough Co. (Tampa), FL. <sup>7</sup>Cuyahoga Co. (Cleveland), OH. <sup>8</sup>Due to disadvantageous intraorder class and uniform price relationships in some months in these markets, handlers elected not to pool milk that normally would have been pooled under these orders. <sup>9</sup>Cook Co. (Chicago), IL. <sup>10</sup>Jackson Co. (Kansas City), MO. <sup>11</sup>Dallas Co. (Dallas), TX. <sup>12</sup>Maricopa Co. (Phoenix), AZ. <sup>13</sup>Salt Lake Co. (Salt Lake City), UT. <sup>14</sup>King Co. (Seattle), WA.

AMS, Dairy Programs, (202) 720-7461.

**Table 8-28.—Milk markets under Federal order program: Blend and Class I milk prices at 3.5 percent fat test, number of producers, producer deliveries, producer deliveries used in Class I, Class I percentage, average daily deliveries per producer, average fat test of milk delivered by markets, 2002**

| Federal milk order marketing area       | Class I price per cwt. <sup>1</sup> | Blend price per cwt. <sup>1 2</sup> | Average number of producers | Receipts of producer milk | Producer milk used in Cl. I | Class I utilization | Daily milk delivery per producer | Average fat test |
|---|-------------------------------------|-------------------------------------|-----------------------------|---------------------------|-----------------------------|---------------------|----------------------------------|------------------|
|   | <i>Dollars</i>                      | <i>Dollars</i>                      | <i>Number</i>               | <i>Million pounds</i>     | <i>Million pounds</i>       | <i>Percent</i>      | <i>Pounds</i>                    | <i>Percent</i>   |
| Northeast <sup>3</sup> .....            | 14.25                               | 12.65                               | 16,876                      | 25,358                    | 10,695                      | 42.2                | 4,115                            | 3.69             |
| Appalachian <sup>4</sup> .....          | 14.11                               | 13.25                               | 4,124                       | 6,706                     | 4,449                       | 66.3                | 4,452                            | 3.66             |
| Southeast <sup>5</sup> .....            | 14.11                               | 13.05                               | 4,706                       | 7,927                     | 4,767                       | 60.1                | 4,612                            | 3.66             |
| Florida <sup>6</sup> .....              | 15.04                               | 14.63                               | 285                         | 2,693                     | 2,395                       | 88.9                | 26,259                           | 3.67             |
| Midwest <sup>7 8</sup> .....            | 13.00                               | 11.58                               | 11,216                      | 17,739                    | 6,553                       | 36.9                | 4,331                            | 3.69             |
| Upper Midwest <sup>8 9</sup> .....      | 12.81                               | 10.98                               | 14,294                      | 20,307                    | 4,094                       | 20.2                | 3,893                            | 3.73             |
| Central <sup>8 10</sup> .....           | 13.00                               | 11.24                               | 9,531                       | 18,700                    | 4,866                       | 26.0                | 5,379                            | 3.70             |
| Southwest <sup>8 11</sup> .....         | 14.01                               | 12.39                               | 872                         | 9,714                     | 4,056                       | 41.8                | 30,812                           | 3.64             |
| Arizona-Las Vegas <sup>12</sup> .....   | 13.36                               | 11.54                               | 109                         | 3,027                     | 964                         | 31.9                | 76,412                           | 3.63             |
| Western <sup>8 13</sup> .....           | 12.87                               | 11.09                               | 799                         | 5,552                     | 1,091                       | 19.7                | 19,091                           | 3.63             |
| Pacific Northwest <sup>8 14</sup> ..... | 12.90                               | 11.24                               | 1,044                       | 7,824                     | 2,114                       | 27.0                | 20,673                           | 3.67             |
| All markets combined .....              | 13.69                               | 11.91                               | 63,856                      | 125,546                   | 46,043                      | 36.7                | 5,387                            | 3.69             |

<sup>1</sup>Prices are for milk of 3.5 percent butterfat content and for the principal pricing point of the market. <sup>2</sup>For those orders that use the component pricing system for paying producers (orders 1, 30, 32, 33, 124, 126, and 135), the figures are the statistical uniform price (the sum of the producer price differential and the Class III price). For those orders that use the skim milk/butterfat pricing system for paying producers (orders 5, 6, 7, and 131), the figures are the uniform price (the sum of the uniform butterfat price times 3.5 and the uniform skim milk price times 0.965). <sup>3</sup>Suffolk Co. (Boston), MA. <sup>4</sup>Mecklenburg Co. (Charlotte), NC. <sup>5</sup>Fulton Co. (Atlanta), GA. <sup>6</sup>Hillsborough Co. (Tampa), FL. <sup>7</sup>Cuyahoga Co. (Cleveland), OH. <sup>8</sup>Due to disadvantageous intraorder class and uniform price relationships in some months in these markets, handlers elected not to pool milk that normally would have been pooled under these orders. <sup>9</sup>Cook Co. (Chicago), IL. <sup>10</sup>Jackson Co. (Kansas City), MO. <sup>11</sup>Dallas Co. (Dallas), TX. <sup>12</sup>Maricopa Co. (Phoenix), AZ. <sup>13</sup>Salt Lake Co. (Salt Lake City), UT. <sup>14</sup>King Co. (Seattle), WA.

AMS, Dairy Programs, (202) 720-7461.

**Table 8-29.—Fluid milk and cream: Total and per capita consumption, United States, 1993–2002<sup>1</sup>**

| Year       | Consumption           |               |
|------------|-----------------------|---------------|
|            | Total                 | Per capita    |
|            | <i>Billion pounds</i> | <i>Pounds</i> |
| 1993 ..... | 58.1                  | 224           |
| 1994 ..... | 58.5                  | 223           |
| 1995 ..... | 58.8                  | 221           |
| 1996 ..... | 59.2                  | 220           |
| 1997 ..... | 59.0                  | 216           |
| 1998 ..... | 58.9                  | 213           |
| 1999 ..... | 59.5                  | 213           |
| 2000 ..... | 59.3                  | 210           |
| 2001 ..... | 59.2                  | 208           |
| 2002 ..... | 59.5                  | 206           |

<sup>1</sup> Sales of beverage, cream, and specialty fluid products plus farm household use. ERS, Animal Products Branch, (202) 694–5180.

**Table 8-30.—Dairy products: Average price per pound for specified products, 1998–2002**

| Item and market   | 1998           | 1999           | 2000           | 2001           | 2002           |
|---|----------------|----------------|----------------|----------------|----------------|
|   | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| Butter, Chicago Mercantile Exchange:                            |                |                |                |                |                |
| Grade AA:   |                |                |                |                |                |
| Average .....   | 1.7685         | 1.2396         | 1.1768         | 1.6630         | 1.1059         |
| High <sup>1</sup> .....   | 2.8100         | 1.5300         | 1.8525         | 2.2250         | 1.3850         |
| Low <sup>1</sup> .....  | 1.1250         | 0.8750         | 0.8750         | 1.1275         | 0.9250         |
| Cheese, Cheddar, f.o.b. Midwest Commodity Cheddar: <sup>2</sup> |                |                |                |                |                |
| Barrels .....   | 1.5174         | 1.3644         | 1.1170         | 1.4116         | 1.1550         |
| 40-pound blocks .....   | 1.5808         | 1.4227         | 1.1615         | 1.4492         | 1.1968         |
| Cheese, cheddar, National Cheese Exchange, Inc.: <sup>1</sup>   |                |                |                |                |                |
| Barrels:  |                |                |                |                |                |
| High .....  | 1.8600         | 1.8850         | 1.2900         | 1.6825         | 1.3500         |
| Low .....   | 1.2000         | 1.0975         | 0.9900         | 1.0650         | 1.0300         |
| 40-pound blocks:  |                |                |                |                |                |
| High .....  | 1.9000         | 1.9725         | 1.3350         | 1.7800         | 1.3900         |
| Low .....   | 1.1800         | 1.1000         | 0.9800         | 1.0675         | 1.0175         |
| Nonfat dry milk, f.o.b.plant, Western Production Area:          |                |                |                |                |                |
| Low/medium heat .....   | 1.0549         | 1.0128         | 1.0056         | 0.9860         | 0.9197         |
| High heat .....   | 1.0852         | 1.0450         | 1.0419         | 1.0281         | 0.9433         |
| Whey Powder, f.o.b. plant, Western Production Area:             |                |                |                |                |                |
| Edible (nonhygroscopic) .....                                   | 0.2373         | 0.1924         | 0.1852         | 0.2593         | 0.1925         |

<sup>1</sup> Prices represent high and low for the year. <sup>2</sup> Effective June 1, 1998, this price series was renamed from Wisconsin Assembly Points.

AMS, Dairy Programs, (202) 720–7461.



**Table 8-31.—Dairy products: Total disappearance, and total and per capita consumption, United States, 1993–2002<sup>1</sup>**

| Year       | Butter                |                       |               | Cheese <sup>2</sup>   |                       |               | Condensed and evaporated milk <sup>3</sup> |                       |               |
|------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|--|-----------------------|---------------|
|            | Total disappearance   | Consumption           |               | Total disappearance   | Consumption           |               | Total disappearance                        | Consumption           |               |
|            |                       | Total                 | Per capita    |                       | Total                 | Per capita    |  | Total                 | Per capita    |
|            | <i>Million pounds</i> | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i>                      | <i>Million pounds</i> | <i>Pounds</i> |
| 1993 ..... | 1,530                 | 1,209                 | 4.6           | 6,853                 | 6,774                 | 26.0          | 843  | 785                   | 3.0           |
| 1994 ..... | 1,463                 | 1,255                 | 4.8           | 7,095                 | 6,994                 | 26.5          | 734  | 669                   | 2.5           |
| 1995 ..... | 1,329                 | 1,186                 | 4.4           | 7,279                 | 7,174                 | 26.9          | 690  | 608                   | 2.3           |
| 1996 ..... | 1,190                 | 1,148                 | 4.3           | 7,478                 | 7,365                 | 27.3          | 696  | 611                   | 2.3           |
| 1997 ..... | 1,156                 | 1,115                 | 4.1           | 7,646                 | 7,510                 | 27.5          | 773  | 695                   | 2.5           |
| 1998 ..... | 1,229                 | 1,220                 | 4.4           | 7,797                 | 7,664                 | 27.8          | 638  | 553                   | 2.0           |
| 1999 ..... | 1,314                 | 1,307                 | 4.7           | 8,219                 | 8,086                 | 29.0          | 648  | 573                   | 2.1           |
| 2000 ..... | 1,289                 | 1,277                 | 4.5           | 8,580                 | 8,406                 | 29.8          | 596  | 560                   | 2.0           |
| 2001 ..... | 1,275                 | 1,264                 | 4.4           | 8,744                 | 8,566                 | 30.0          | 610  | 564                   | 2.0           |
| 2002 ..... | 1,288                 | 1,279                 | 4.4           | 9,001                 | 8,819                 | 30.6          | 706  | 658                   | 2.3           |

  

| Year       | Ice cream (product weight) |                       |               | Dry whole milk        |                       |               | Nonfat dry milk (human food) |                       |               |
|------------|----------------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|------------------------------|-----------------------|---------------|
|            | Total disappearance        | Consumption           |               | Total disappearance   | Consumption           |               | Total disappearance          | Consumption           |               |
|            |                            | Total                 | Per capita    |                       | Total                 | Per capita    |                              | Total                 | Per capita    |
|            | <i>Million pounds</i>      | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Pounds</i> | <i>Million pounds</i>        | <i>Million pounds</i> | <i>Pounds</i> |
| 1993 ..... | 4,157                      | 4,157                 | 16.0          | 157                   | 101                   | .39           | 946                          | 634                   | 2.4           |
| 1994 ..... | 4,205                      | 4,205                 | 16.0          | 164                   | 103                   | .40           | 1,191                        | 914                   | 3.5           |
| 1995 ..... | 4,139                      | 4,139                 | 15.5          | 173                   | 106                   | .40           | 1,280                        | 910                   | 3.4           |
| 1996 ..... | 4,217                      | 4,217                 | 15.6          | 137                   | 97                    | .36           | 1,081                        | 1,005                 | 3.7           |
| 1997 ..... | 4,386                      | 4,386                 | 16.1          | 126                   | 102                   | .38           | 1,171                        | 908                   | 3.3           |
| 1998 ..... | 4,488                      | 4,488                 | 16.3          | 149                   | 118                   | .43           | 1,120                        | 884                   | 3.2           |
| 1999 ..... | 4,667                      | 4,667                 | 16.7          | 124                   | 111                   | .40           | 1,275                        | 787                   | 2.8           |
| 2000 ..... | 4,702                      | 4,702                 | 16.6          | 119                   | 80                    | .28           | 1,073                        | 741                   | 2.6           |
| 2001 ..... | 4,657                      | 4,657                 | 16.3          | 50                    | 46                    | .16           | 1,156                        | 927                   | 3.2           |
| 2002 ..... | 4,747                      | 7,747                 | 16.4          | 55                    | 51                    | .18           | 1,335                        | 859                   | 3.0           |

<sup>1</sup>Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent consumption was obtained by subtracting ending stocks, shipments, and exports, from the total supply. The per capita consumption for each year was obtained by dividing the total apparent consumption by the number of persons. <sup>2</sup>Includes all kinds of cheese except cottage and full-skim American. <sup>3</sup>The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened, unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

ERS, Animal Products Branch, (202) 694–5180.

**Table 8-32.—Dairy products: Dec. 31 stocks, United States, 1993–2002**

| Year       | Butter <sup>1,2</sup> | Cheese <sup>1,3</sup> | Canned milk <sup>1</sup> | Dry whole milk      | Nonfat dry milk for human consumption <sup>1</sup> |
|------------|-----------------------|-----------------------|--------------------------|---------------------|--|
|            | <i>1,000 pounds</i>   | <i>1,000 pounds</i>   | <i>1,000 pounds</i>      | <i>1,000 pounds</i> | <i>1,000 pounds</i>                                |
| 1993 ..... | 243,839               | 465,762               | 34,281                   | 6,479               | 89,568   |
| 1994 ..... | 80,181                | 437,256               | 47,014                   | 9,220               | 131,201  |
| 1995 ..... | 18,628                | 412,237               | 31,701                   | 7,318               | 84,978   |
| 1996 ..... | 13,707                | 487,174               | 19,937                   | 6,422               | 71,414   |
| 1997 ..... | 20,788                | 480,779               | 32,466                   | 5,605               | 124,864  |
| 1998 ..... | 25,910                | 517,647               | 36,495                   | 5,161               | 152,172  |
| 1999 ..... | 25,082                | 622,197               | 35,690                   | 5,749               | 284,542  |
| 2000 ..... | 24,115                | 708,597               | 41,228                   | 4,390               | 662,182  |
| 2001 ..... | 55,915                | 663,251               | 40,739                   | 2,894               | 900,158  |
| 2002 ..... | 157,820               | 732,551               | 54,428                   | 3,244               | 1,137,270  |

<sup>1</sup>Includes Government holdings. <sup>2</sup>Includes butter equivalent of butteroil held by CCC. <sup>3</sup>Excludes cottage and full-skim American cheese. Includes process American cheese held by CCC.

ERS, Animal Products Branch, (202) 694–5180.

**Table 8-33.—Butter: Production in specified countries, 2000–2002**

| Continent and country          | 2000                     | 2001                     | 2002 <sup>1</sup>        |
|--------------------------------|--------------------------|--------------------------|--------------------------|
|                                | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| North America:                 |                          |                          |                          |
| Canada .....                   | 77                       | 84                       | 77                       |
| Mexico .....                   | 70                       | 70                       | 78                       |
| United States .....            | 570                      | 559                      | 615                      |
| Total .....                    | 717                      | 713                      | 761                      |
| South America:                 |                          |                          |                          |
| Argentina .....                | 52                       | 47                       | 48                       |
| Brazil .....                   | 72                       | 78                       | 70                       |
| Total .....                    | 124                      | 125                      | 118                      |
| Europe Union-15:               | 1,700                    | 1,710                    | 1,905                    |
| Eastern Europe:                |                          |                          |                          |
| Poland .....                   | 169                      | 181                      | 184                      |
| Romania .....                  | 6                        | 6                        | 6                        |
| Total .....                    | 175                      | 187                      | 190                      |
| Former USSR:                   |                          |                          |                          |
| Russia .....                   | 265                      | 270                      | 280                      |
| Ukraine .....                  | 135                      | 156                      | 131                      |
| Total .....                    | 400                      | 426                      | 411                      |
| North Africa:                  |                          |                          |                          |
| Egypt .....                    | 10                       | 12                       | 12                       |
| Total .....                    | 10                       | 12                       | 12                       |
| Southeast Asia:                |                          |                          |                          |
| India <sup>2</sup> .....       | 1,950                    | 2,250                    | 2,400                    |
| Total .....                    | 1,950                    | 2,250                    | 2,400                    |
| Asia:                          |                          |                          |                          |
| Japan .....                    | 88                       | 80                       | 83                       |
| Total .....                    | 88                       | 80                       | 83                       |
| Oceania:                       |                          |                          |                          |
| Australia <sup>3</sup> .....   | 180                      | 160                      | 164                      |
| New Zealand <sup>4</sup> ..... | 344                      | 352                      | 370                      |
| Total .....                    | 524                      | 512                      | 534                      |
| Grand total .....              | 5,688                    | 6,015                    | 6,296                    |

<sup>1</sup> Preliminary. <sup>2</sup> Year ending April 1 of the year shown. <sup>3</sup> Year ending June 30 of the year shown. <sup>4</sup> Year ending May 31 of the year shown.

FAS, Dairy, Livestock, and Poultry Division, (202) 720-8870. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 8-34.—Cheese: Production in specified countries, 2000–2002**

| Continent and country          | 2000                     | 2001                     | 2002 <sup>1</sup>        |
|--------------------------------|--------------------------|--------------------------|--------------------------|
|                                | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> | <i>1,000 metric tons</i> |
| North America:                 |                          |                          |                          |
| Canada .....                   | 328                      | 329                      | 350                      |
| Mexico .....                   | 134                      | 140                      | 138                      |
| United States .....            | 3,746                    | 3,747                    | 3,900                    |
| Total .....                    | 4,208                    | 4,216                    | 4,388                    |
| South America:                 |                          |                          |                          |
| Argentina .....                | 445                      | 440                      | 370                      |
| Brazil .....                   | 445                      | 460                      | 470                      |
| Total .....                    | 890                      | 900                      | 840                      |
| European Union–15:             | 5,437                    | 5,420                    | 5,520                    |
| Eastern Europe:                |                          |                          |                          |
| Poland .....                   | 148                      | 161                      | 183                      |
| Romania .....                  | 92                       | 90                       | 88                       |
| Total .....                    | 240                      | 251                      | 271                      |
| Former USSR:                   |                          |                          |                          |
| Russia .....                   | 220                      | 260                      | 340                      |
| Ukraine .....                  | 67                       | 105                      | 129                      |
| Total .....                    | 287                      | 365                      | 469                      |
| North Africa:                  |                          |                          |                          |
| Egypt .....                    | 380                      | 395                      | 410                      |
| Total .....                    | 380                      | 395                      | 410                      |
| Southeast Asia:                |                          |                          |                          |
| India .....                    | 0                        | 0                        | 0                        |
| Total .....                    | 0                        | 0                        | 0                        |
| Asia:                          |                          |                          |                          |
| Japan .....                    | 34                       | 34                       | 36                       |
| Total .....                    | 34                       | 34                       | 36                       |
| Oceania:                       |                          |                          |                          |
| Australia <sup>2</sup> .....   | 373                      | 374                      | 413                      |
| New Zealand <sup>3</sup> ..... | 297                      | 281                      | 312                      |
| Total .....                    | 670                      | 655                      | 725                      |
| World total .....              | 12,146                   | 12,231                   | 12,570                   |

<sup>1</sup> Preliminary. <sup>2</sup> Year ending June 30. <sup>3</sup> Year ending May 31.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8870. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 8-35.—Dairy products: United States imports by country of origin, 2000–2002**

| Commodity and country of origin     | 2000               | 2001               | 2002 <sup>1</sup>  |
|-------------------------------------|--------------------|--------------------|--------------------|
|                                     | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Cheese, all types:</b>           |                    |                    |                    |
| Austria .....                       | 1,850              | 1,269              | 805                |
| Belgium and Luxembourg .....        | 1,245              | 602                | 1,336              |
| Denmark .....                       | 13,796             | 13,335             | 14,073             |
| Finland .....                       | 8,339              | 7,281              | 6,838              |
| France .....                        | 14,678             | 14,741             | 18,131             |
| Germany, Fed. Rep. of .....         | 9,048              | 10,680             | 10,564             |
| Greece .....                        | 2,075              | 2,335              | 2,338              |
| Ireland .....                       | 4,295              | 4,655              | 5,086              |
| Italy .....                         | 29,613             | 29,309             | 28,043             |
| Netherlands .....                   | 11,783             | 11,842             | 10,867             |
| Portugal .....                      | 549                | 539                | 545                |
| Spain .....                         | 1,083              | 1,259              | 1,560              |
| Sweden .....                        | 550                | 683                | 822                |
| United Kingdom .....                | 3,610              | 6,126              | 7,677              |
| <b>Total EU .....</b>               | <b>102,514</b>     | <b>104,656</b>     | <b>108,685</b>     |
| Canada .....                        | 4,372              | 4,816              | 5,293              |
| Argentina .....                     | 7,066              | 5,620              | 7,555              |
| Norway .....                        | 8,255              | 7,161              | 6,159              |
| Switzerland .....                   | 6,812              | 5,976              | 6,090              |
| Israel .....                        | 288                | 260                | 492                |
| Czech Republic .....                | 76                 | 152                | 461                |
| Hungary .....                       | 423                | 795                | 901                |
| Poland .....                        | 3,562              | 3,018              | 2,917              |
| Australia .....                     | 7,734              | 8,125              | 8,210              |
| New Zealand .....                   | 28,181             | 39,918             | 45,517             |
| Other countries .....               | 19,420             | 21,274             | 23,427             |
| <b>Total .....</b>                  | <b>188,703</b>     | <b>201,771</b>     | <b>215,707</b>     |
| <b>Cheese, cheddar:<sup>2</sup></b> |                    |                    |                    |
| Canada .....                        | 1,790              | 1,625              | 1,663              |
| Germany .....                       | 0                  | 20                 | 187                |
| Ireland .....                       | 192                | 271                | 371                |
| United Kingdom .....                | 449                | 600                | 801                |
| Australia .....                     | 3,442              | 3,431              | 3,461              |
| New Zealand .....                   | 15,622             | 25,950             | 31,663             |
| Other countries .....               | 323                | 318                | 524                |
| <b>Total .....</b>                  | <b>21,818</b>      | <b>32,215</b>      | <b>38,670</b>      |
| <b>Cheese, Swiss:<sup>3</sup></b>   |                    |                    |                    |
| Canada .....                        | 107                | 262                | 227                |
| Austria .....                       | 1,240              | 984                | 528                |
| Denmark .....                       | 2,585              | 2,765              | 2,293              |
| Finland .....                       | 8,124              | 7,153              | 6,660              |
| France .....                        | 1,449              | 2,029              | 2,938              |
| Germany, Fed. Rep. of .....         | 4,665              | 4,888              | 3,951              |
| Netherlands .....                   | 239                | 361                | 502                |
| Norway .....                        | 7,606              | 6,632              | 5,722              |
| Switzerland .....                   | 4,373              | 3,397              | 3,319              |
| Other countries .....               | 1,853              | 2,932              | 3,250              |
| <b>Total .....</b>                  | <b>32,241</b>      | <b>31,403</b>      | <b>29,390</b>      |

<sup>1</sup> Preliminary. <sup>2</sup> Includes American and Colby cheese. <sup>3</sup> Includes Emmenthaler with eye-formation. FAS, Dairy, Livestock and Poultry Division, (202) 720–8870. Compiled from reports of the U.S. Department of Commerce.

**Table 8-36.—Dairy products: United States imports by type of product, 1993–2002**

| Year                    | Dried milk <sup>1</sup> | Cheese             |                      |                    |                    | Butter <sup>4</sup> | Casein <sup>5</sup> |
|-------------------------|-------------------------|--------------------|----------------------|--------------------|--------------------|---------------------|---------------------|
|                         |                         | Swiss <sup>2</sup> | Cheddar <sup>3</sup> | Other              | Total              |                     |                     |
|                         | <i>Metric tons</i>      | <i>Metric tons</i> | <i>Metric tons</i>   | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>  | <i>Metric tons</i>  |
| 1993 .....              | 1,268                   | 29,265             | 9,130                | 107,346            | 145,741            | 1,706               | 80,827              |
| 1994 .....              | 1,593                   | 29,554             | 7,802                | 119,349            | 156,705            | 1,245               | 96,008              |
| 1995 .....              | 1,128                   | 28,047             | 9,472                | 116,877            | 154,396            | 697                 | 93,433              |
| 1996 .....              | 3,968                   | 29,420             | 12,393               | 111,457            | 153,270            | 4,783               | 98,547              |
| 1997 .....              | 6,080                   | 25,094             | 11,566               | 104,825            | 141,485            | 10,956              | 102,404             |
| 1998 .....              | 8,223                   | 28,865             | 21,810               | 117,755            | 168,430            | 31,946              | 111,247             |
| 1999 .....              | 10,557                  | 34,023             | 30,748               | 132,826            | 197,597            | 18,056              | 108,382             |
| 2000 .....              | 8,531                   | 32,241             | 21,818               | 134,644            | 188,703            | 13,689              | 119,999             |
| 2001 .....              | 8,077                   | 31,403             | 32,215               | 138,153            | 201,771            | 34,614              | 106,827             |
| 2002 <sup>6</sup> ..... | 11,414                  | 29,390             | 38,670               | 147,647            | 215,707            | 15,142              | 100,039             |

<sup>1</sup> Includes whole and skimmed milk. <sup>2</sup> Includes Emmenthaler with eye-formation. <sup>3</sup> Includes American and Colby cheese. <sup>4</sup> Includes butter oil. <sup>5</sup> Includes caseinates. <sup>6</sup> Preliminary. FAS, Dairy, Livestock, and Poultry Division, (202) 720–3761. Compiled from reports of the U.S. Department of Commerce.

**Table 8-37.—Dairy products: Exports by principal exporting countries, 2000–2002<sup>1</sup>**

| Commodity and country          | 2000               | 2001               | 2002 <sup>2</sup>  |
|--------------------------------|--------------------|--------------------|--------------------|
|                                | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Butter:</b>                 |                    |                    |                    |
| United States .....            | 4                  | 0                  | 0                  |
| EU-15 .....                    | 176                | 172                | 214                |
| Poland .....                   | 3                  | 19                 | 12                 |
| Australia <sup>3</sup> .....   | 139                | 123                | 125                |
| New Zealand <sup>4</sup> ..... | 338                | 347                | 343                |
| Other .....                    | 52                 | 79                 | 44                 |
| <b>Total .....</b>             | <b>712</b>         | <b>740</b>         | <b>738</b>         |
| <b>Cheese:<sup>5</sup></b>     |                    |                    |                    |
| United States .....            | 47                 | 53                 | 54                 |
| Canada .....                   | 18                 | 19                 | 16                 |
| EU-15 .....                    | 436                | 445                | 466                |
| Poland .....                   | 8                  | 21                 | 22                 |
| Australia <sup>3</sup> .....   | 223                | 219                | 218                |
| New Zealand <sup>4</sup> ..... | 253                | 251                | 277                |
| Other .....                    | 44                 | 59                 | 75                 |
| <b>Total .....</b>             | <b>1,029</b>       | <b>1,067</b>       | <b>1,128</b>       |
| <b>Milk, dried whole:</b>      |                    |                    |                    |
| United States .....            | 15                 | 0                  | 0                  |
| EU-15 .....                    | 576                | 478                | 493                |
| Poland .....                   | 1                  | 16                 | 13                 |
| Australia <sup>3</sup> .....   | 169                | 183                | 213                |
| New Zealand <sup>4</sup> ..... | 407                | 511                | 481                |
| Other .....                    | 150                | 191                | 270                |
| <b>Total .....</b>             | <b>1,318</b>       | <b>1,379</b>       | <b>1,470</b>       |
| <b>Milk, nonfat dry milk:</b>  |                    |                    |                    |
| Canada .....                   | 32                 | 46                 | 49                 |
| United States .....            | 142                | 96                 | 126                |
| EU-15 .....                    | 358                | 143                | 161                |
| Poland .....                   | 86                 | 108                | 94                 |
| Australia <sup>3</sup> .....   | 253                | 218                | 231                |
| New Zealand <sup>4</sup> ..... | 175                | 195                | 248                |
| Other .....                    | 156                | 128                | 125                |
| <b>Total .....</b>             | <b>1,202</b>       | <b>934</b>         | <b>1,034</b>       |

<sup>1</sup>Within the European Union, exports to other members are not included. <sup>2</sup>Preliminary. <sup>3</sup>Year ending June 30. <sup>4</sup>Year ending May 31. <sup>5</sup>Excludes fresh cheese.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8870. Prepared on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 8-38.—Dairy products: United States exports by type of product, 1993–2002**

| Year                    | Butter             | Cheese             | Milk and cream           |                    |                    |                    |
|-------------------------|--------------------|--------------------|--------------------------|--------------------|--------------------|--------------------|
|                         |                    |                    | Evaporated and condensed | WMP—Whole dried    | Nonfat dry milk    | Ice cream          |
|                         | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i>       | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| 1993 .....              | 92,300             | 16,346             | 10,734                   | 37,576             | 75,708             | 30,865             |
| 1994 .....              | 45,487             | 22,499             | 19,595                   | 29,230             | 49,045             | 36,320             |
| 1995 .....              | 37,689             | 29,519             | 41,378                   | 64,297             | 59,311             | 37,827             |
| 1996 .....              | 20,831             | 32,497             | 39,582                   | 16,181             | 18,422             | 39,765             |
| 1997 .....              | 14,989             | 37,559             | 9,347                    | 48,609             | 62,134             | 36,767             |
| 1998 .....              | 8,951              | 36,723             | 8,021                    | 51,315             | 72,917             | 38,206             |
| 1999 .....              | 3,208              | 38,341             | 4,821                    | 17,656             | 141,315            | 39,701             |
| 2000 .....              | 8,230              | 47,760             | 5,215                    | 25,368             | 84,264             | 39,366             |
| 2001 .....              | 3,816              | 52,366             | 10,672                   | 46,070             | 96,081             | 40,003             |
| 2002 <sup>1</sup> ..... | 3,866              | 53,909             | 11,823                   | 37,826             | 74,375             | 36,855             |

<sup>1</sup> Preliminary.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8860. Compiled from reports of the U.S. Department of Commerce.

**Table 8-39.—Dairy products: United States exports by country of destination, 2000–2002**

| Commodity and country of destination | 2000               | 2001               | 2002 <sup>1</sup>  |
|--------------------------------------|--------------------|--------------------|--------------------|
|                                      | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| <b>Cheese, all types:</b>            |                    |                    |                    |
| Canada .....                         | 9,218              | 5,678              | 6,684              |
| Mexico .....                         | 9,979              | 16,299             | 14,856             |
| Brazil .....                         | 233                | 394                | 147                |
| Venezuela .....                      | 1,432              | 1,300              | 1,042              |
| United Kingdom .....                 | 1,378              | 1,334              | 1,247              |
| Saudi Arabia .....                   | 741                | 529                | 601                |
| Philippines .....                    | 982                | 1,322              | 1,516              |
| Korea .....                          | 2,649              | 3,351              | 3,742              |
| Hong Kong .....                      | 461                | 544                | 495                |
| Taiwan .....                         | 387                | 656                | 639                |
| Japan .....                          | 7,528              | 8,410              | 10,145             |
| Other countries .....                | 12,772             | 12,549             | 12,795             |
| <b>Total .....</b>                   | <b>47,760</b>      | <b>52,366</b>      | <b>53,909</b>      |
| <b>Ice cream:</b>                    |                    |                    |                    |
| Canada .....                         | 6,080              | 4,397              | 4,961              |
| Mexico .....                         | 5,046              | 5,084              | 8,838              |
| United Kingdom .....                 | 6,481              | 8,414              | 8,151              |
| Russia .....                         | 17                 | 46                 | 243                |
| Korea .....                          | 1,347              | 2,082              | 1,283              |
| Hong Kong .....                      | 3,030              | 3,643              | 2,977              |
| Japan .....                          | 10,335             | 8,741              | 4,518              |
| Others .....                         | 7,030              | 7,596              | .....              |
| <b>Total .....</b>                   | <b>39,366</b>      | <b>40,003</b>      | <b>36,855</b>      |
| <b>Milk, nonfat dry:</b>             |                    |                    |                    |
| Mexico .....                         | 30,650             | 57,000             | 43,003             |
| Dominican Rep. ....                  | 4,893              | 1,652              | 763                |
| Colombia .....                       | 817                | 529                | 14                 |
| Algeria .....                        | 1,740              | 497                | 0                  |
| Egypt .....                          | 3,445              | 2,553              | 0                  |
| Thailand .....                       | 2,215              | 1,521              | 4,513              |
| Vietnam .....                        | 3,069              | 784                | 801                |
| Indonesia .....                      | 3,116              | 3,860              | 3,201              |
| Philippines .....                    | 5,962              | 5,714              | 3,725              |
| Taiwan .....                         | 540                | 190                | 113                |
| Others .....                         | 27,817             | 21,781             | 18,242             |
| <b>Total .....</b>                   | <b>84,264</b>      | <b>96,081</b>      | <b>74,375</b>      |
| <b>Dry whey:</b>                     |                    |                    |                    |
| Canada .....                         | 37,905             | 35,730             | 30,238             |
| Mexico .....                         | 23,330             | 15,443             | 19,387             |
| Thailand .....                       | 12,785             | 9,119              | 10,388             |
| Philippines .....                    | 13,601             | 13,306             | 9,377              |
| China .....                          | 15,819             | 25,314             | 39,074             |
| Korea .....                          | 14,204             | 5,484              | 6,033              |
| Taiwan .....                         | 8,698              | 9,649              | 6,345              |
| Japan .....                          | 10,247             | 7,089              | 9,593              |
| Other countries .....                | 29,414             | 21,845             | 20,241             |
| <b>Total .....</b>                   | <b>166,003</b>     | <b>142,979</b>     | <b>150,676</b>     |

<sup>1</sup> Preliminary.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8870. Compiled from reports of the U.S. Department of Commerce.

**Table 8-40.—Dairy products: Price-support operations, United States, 1995–2004**

| Marketing year <sup>1</sup> | Manufacturing milk                                       |  | Product purchase price per pound <sup>2</sup> |                             |   |
|-----------------------------|--|--|---|-----------------------------|---|
|                             | Support level at national average milkfat test, per cwt. | Average price received by farmers per cwt. | Butter <sup>3</sup>                           | Cheddar cheese <sup>4</sup> | Nonfat milk, spray process <sup>5</sup> |
|                             | <i>Dollars</i>   | <i>Dollars</i>                             | <i>Cents</i>                                  | <i>Cents</i>                | <i>Cents</i>                            |
| 1994–95 .....               | 10.10  | 11.52                                      | 65.00   | 112.00                      | 103.40                                  |
| 1995–96 .....               | 10.10  | .....                                      | 65.00   | 112.00                      | 103.40                                  |
| .....                       | (7)10.35   | (8)13.50                                   | 65.00   | (7)114.50                   | (7)106.50                               |
| 1996–97 .....               | 10.35  | .....                                      | 65.00   | 114.50                      | 106.50                                  |
| .....                       | (9)10.20   | 11.88                                      | 65.00   | (9)113.00                   | (9)104.70                               |
| 1997–98 .....               | 10.20  | .....                                      | 65.00   | 113.00                      | 104.70                                  |
| .....                       | (10)10.05  | 13.28                                      | 65.00   | (10)111.50                  | (10)102.80                              |
| 1998–99 .....               | 10.05  | .....                                      | 65.00   | 111.50                      | 102.80                                  |
| .....                       | (11)9.90   | 14.04                                      | 65.00   | (11)110.00                  | (11)101.00                              |
| 1999–2000 .....             | 9.90   | (12)11.00                                  | 65.00   | 110.00                      | 101.00                                  |
| .....                       | .....  | .....                                      | (13)66.80                                     | (13)112.20                  | 101.00                                  |
| 2000–2001 .....             | 9.90   | 12.85                                      | (14)65.49                                     | (14)113.14                  | (14)100.32                              |
| .....                       | .....  | .....                                      | (15)85.48                                     | 113.14                      | (15)90.00                               |
| 2001–2002 .....             | 9.90   | 11.40                                      | 85.48   | 113.14                      | 90.00                                   |
| 2002–2003 .....             | 9.90   | 11.00                                      | 85.48   | 113.14                      | 90.00                                   |
| .....                       | .....  | .....                                      | (16)105.00                                    | .....                       | (16)80.00                               |
| 2003–2004 .....             | 9.90   | (17)11.10                                  | 105.00  | 113.14                      | 80.00                                   |

<sup>1</sup> October 1–September 30. <sup>2</sup> Announced purchase prices for products in bulk containers. <sup>3</sup> U.S. Grade A or higher, salted, 25-kg blocks. <sup>4</sup> U.S. Grade A or higher, standard moisture basis 40-pound blocks. <sup>5</sup> U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 25-kg bags. <sup>6</sup> Effective July 7, 1993. <sup>7</sup> Effective January 1, 1996. <sup>8</sup> Basic Formula Price began May 1995 thru Sept. 1999. <sup>9</sup> Effective January 1, 1997. <sup>10</sup> Effective January 1, 1998. <sup>11</sup> Effective January 1, 1999. <sup>12</sup> Estimated value of milk used in manufactured products. <sup>13</sup> Effective July 31, 2000. <sup>14</sup> Effective January 31, 2001. <sup>15</sup> Effective June 13, 2001.

FSA, Dairy & Sweeteners Analysis, (202) 690–0050

**Table 8-41.—Chickens: Inventory number and value, United States, Dec. 1, 1994–2003<sup>1</sup>**

| Year                    | Layers 1 year old and older | Layers 20 weeks old but less than 1 year | Pullets                  |                    | Other chickens    | All chickens      | Value per head | Total value          |
|-------------------------|-----------------------------|--|--------------------------|--------------------|-------------------|-------------------|----------------|----------------------|
|                         |                             |  | 13 weeks to 20 weeks old | Under 13 weeks old |                   |                   |                |                      |
|                         | <i>Thou-sands</i>           | <i>Thou-sands</i>                        | <i>Thou-sands</i>        | <i>Thou-sands</i>  | <i>Thou-sands</i> | <i>Thou-sands</i> | <i>Dollars</i> | <i>1,000 dollars</i> |
| 1994 .....              | 135,093                     | 163,432                                  | 33,159                   | 46,694             | 7,369             | 385,747           | 2.34           | 902,815              |
| 1995 .....              | 133,841                     | 165,230                                  | 34,004                   | 47,365             | 7,637             | 388,077           | 2.41           | 934,905              |
| 1996 .....              | 138,048                     | 165,874                                  | 33,518                   | 48,054             | 7,243             | 392,737           | 2.65           | 1,039,071            |
| 1997 .....              | 140,966                     | 171,171                                  | 35,578                   | 54,766             | 7,549             | 410,030           | 2.72           | 1,113,183            |
| 1998 .....              | 151,298                     | 170,420                                  | 39,664                   | 55,981             | 7,682             | 425,045           | 2.69           | 1,143,835            |
| 1999 .....              | 151,914                     | 177,406                                  | 38,587                   | 58,775             | 9,661             | 436,343           | 2.65           | 1,154,898            |
| 2000 .....              | 153,222                     | 179,188                                  | 38,395                   | 56,163             | 8,088             | 435,056           | 2.44           | 1,060,964            |
| 2001 .....              | 153,357                     | 185,271                                  | 42,807                   | 51,948             | 8,126             | 441,509           | 2.42           | 1,068,851            |
| 2002 .....              | 153,027                     | 186,176                                  | 39,679                   | 56,646             | 8,353             | 443,881           | 2.37           | 1,052,230            |
| 2003 <sup>2</sup> ..... | 169,263                     | 170,726                                  | 42,030                   | 58,291             | 8,438             | 448,748           | 2.47           | 1,108,304            |

<sup>1</sup> Does not include commercial broilers. <sup>2</sup> Preliminary.

NASS Livestock Branch, (202) 720-3570.

**Table 8-42.—Chickens: Layer inventory, by State and United States, Dec. 1, 2002–2003**

| State                         | Layers                      |                   |  |                   |                  |                   |
|-------------------------------|-----------------------------|-------------------|--|-------------------|------------------|-------------------|
|                               | Layers 1 year old and older |                   | Layers 20 weeks old but less than 1 year |                   | Total            |                   |
|                               | 2002                        | 2003 <sup>1</sup> | 2002                                     | 2003 <sup>1</sup> | 2002             | 2003 <sup>1</sup> |
|                               | <i>Thousands</i>            | <i>Thousands</i>  | <i>Thousands</i>                         | <i>Thousands</i>  | <i>Thousands</i> | <i>Thousands</i>  |
| AL .....                      | 3,061                       | 2,851             | 6,584                                    | 6,477             | 9,645            | 9,328             |
| AR .....                      | 3,475                       | 4,860             | 10,837                                   | 9,896             | 14,312           | 14,756            |
| CA .....                      | 13,575                      | 12,400            | 9,067                                    | 8,537             | 22,642           | 20,937            |
| CO .....                      | 1,852                       | 2,270             | 2,285                                    | 2,030             | 4,137            | 4,300             |
| CT .....                      | 1,021                       | 1,461             | 2,026                                    | 1,412             | 3,047            | 2,873             |
| FL .....                      | 6,060                       | 5,139             | 4,523                                    | 5,867             | 10,583           | 11,006            |
| GA .....                      | 7,811                       | 8,665             | 12,768                                   | 11,942            | 20,579           | 20,607            |
| HI .....                      | 381                         | 357               | 142                                      | 129               | 523              | 486               |
| ID .....                      | 454                         | 557               | 374                                      | 337               | 828              | 894               |
| IL .....                      | 1,679                       | 1,989             | 1,912                                    | 1,886             | 3,591            | 3,875             |
| IN .....                      | 12,291                      | 13,437            | 10,727                                   | 10,167            | 23,018           | 23,604            |
| IA .....                      | 16,588                      | 22,590            | 21,911                                   | 18,632            | 38,499           | 41,222            |
| KY .....                      | 1,375                       | 2,410             | 2,975                                    | 2,470             | 4,350            | 4,880             |
| LA .....                      | 850                         | 440               | 1,024                                    | 1,469             | 1,874            | 1,909             |
| ME .....                      | 1,711                       | 1,674             | 2,474                                    | 2,451             | 4,185            | 4,125             |
| MD .....                      | 1,775                       | 1,751             | 1,713                                    | 1,178             | 3,488            | 2,929             |
| MA .....                      | 68                          | 53                | 214                                      | 174               | 282              | 227               |
| MI .....                      | 5,149                       | 5,272             | 2,132                                    | 1,795             | 7,281            | 7,067             |
| MN .....                      | 6,061                       | 5,055             | 5,399                                    | 6,255             | 11,460           | 11,310            |
| MS .....                      | 1,435                       | 1,851             | 5,268                                    | 4,948             | 6,703            | 6,799             |
| MO .....                      | 3,489                       | 3,600             | 3,272                                    | 2,900             | 6,761            | 6,500             |
| MT .....                      | 85                          | 115               | 270                                      | 240               | 355              | 355               |
| NE .....                      | 6,446                       | 7,006             | 5,090                                    | 4,794             | 11,536           | 11,800            |
| NH .....                      | 58                          | 11                | 90                                       | 130               | 148              | 141               |
| NJ .....                      | 1,039                       | 977               | 1,030                                    | 1,020             | 2,069            | 1,997             |
| NY .....                      | 1,526                       | 1,750             | 2,170                                    | 1,950             | 3,696            | 3,700             |
| NC .....                      | 3,352                       | 3,752             | 7,224                                    | 7,123             | 10,576           | 10,875            |
| OH .....                      | 16,975                      | 15,874            | 14,020                                   | 13,282            | 30,995           | 29,156            |
| OK .....                      | 1,623                       | 1,601             | 2,571                                    | 2,536             | 4,194            | 4,137             |
| OR .....                      | 1,555                       | 1,630             | 1,228                                    | 1,303             | 2,783            | 2,933             |
| PA .....                      | 7,802                       | 14,219            | 16,378                                   | 9,161             | 24,180           | 23,380            |
| SC .....                      | 1,816                       | 2,630             | 3,480                                    | 2,774             | 5,296            | 5,404             |
| SD .....                      | 948                         | 1,041             | 1,400                                    | 2,311             | 2,348            | 3,352             |
| TN .....                      | 325                         | 150               | 931                                      | 1,190             | 1,256            | 1,340             |
| TX .....                      | 7,247                       | 6,387             | 11,528                                   | 11,955            | 18,775           | 18,342            |
| UT .....                      | 1,781                       | 1,777             | 1,571                                    | 1,617             | 3,352            | 3,394             |
| VT .....                      | 99                          | 8                 | 95                                       | 164               | 194              | 172               |
| VA .....                      | 980                         | 1,780             | 2,182                                    | 1,481             | 3,162            | 3,261             |
| WA .....                      | 3,406                       | 3,803             | 1,756                                    | 1,103             | 5,162            | 4,906             |
| WV .....                      | 86                          | 203               | 1,020                                    | 969               | 1,106            | 1,172             |
| WI .....                      | 2,500                       | 2,490             | 1,840                                    | 1,830             | 4,340            | 4,320             |
| WY .....                      | 8                           | 8                 | 4  | 4                 | 12               | 12                |
| Other States <sup>2</sup> ... | 3,209                       | 3,369             | 2,671                                    | 2,837             | 5,880            | 6,206             |
| US .....                      | 153,027                     | 169,263           | 186,176                                  | 170,726           | 339,203          | 339,989           |

<sup>1</sup> Preliminary. <sup>2</sup> AK, AZ, DE, KS, NV, NM, ND, and RI combined to avoid disclosing individual operations. NASS, Livestock Branch, (202) 720-3570.



**Table 8-43.—Chicken inventory: Pullets not of laying age and other chickens, by State and United States, Dec. 1, 2002–2003**

| State                         | Pullets 13 weeks old and older but less than 20 weeks |                   | Pullet chicks and pullets under 13 weeks of age |                   | Other chickens   |                   |
|-------------------------------|---|-------------------|---|-------------------|------------------|-------------------|
|                               | 2002  | 2003 <sup>1</sup> | 2002  | 2003 <sup>1</sup> | 2002             | 2003 <sup>1</sup> |
|                               | <i>Thousands</i>                                      | <i>Thousands</i>  | <i>Thousands</i>                                | <i>Thousands</i>  | <i>Thousands</i> | <i>Thousands</i>  |
| AL .....                      | 2,148   | 1,896             | 2,237   | 2,087             | 1,226            | 1,114             |
| AR .....                      | 2,460   | 2,668             | 4,715   | 4,497             | 1,300            | 1,400             |
| CA .....                      | 1,670   | 1,900             | 3,214   | 3,082             | 68               | 62                |
| CO .....                      | 156   | 240               | 412   | 508               | 75               | 52                |
| CT .....                      | 241   | 303               | 501   | 563               | 4                | 6                 |
| FL .....                      | 901   | 1,013             | 1,422   | 1,223             | 106              | 56                |
| GA .....                      | 2,922   | 2,601             | 5,255   | 4,895             | 1,540            | 1,405             |
| HI .....                      | 44  | 67                | 58  | 47                | 0                | 0                 |
| ID .....                      | 185   | 72                | 225   | 202               | 7                | 9                 |
| IL .....                      | 122   | 225               | 268   | 113               | 21               | 19                |
| IN .....                      | 2,393   | 2,401             | 3,625   | 2,783             | 62               | 77                |
| IA .....                      | 4,987   | 5,664             | 3,454   | 3,936             | 50               | 60                |
| KY .....                      | 845   | 781               | 805   | 1,256             | 195              | 239               |
| LA .....                      | 295   | 267               | 315   | 290               | 76               | 124               |
| ME .....                      | 427   | 360               | 1,173   | 984               | 5                | 4                 |
| MD .....                      | 468   | 380               | 416   | 430               | 48               | 30                |
| MA .....                      | 2   | 50                | 52  | 3                 | 0                | 0                 |
| MI .....                      | 606   | 1,278             | 1,364   | 1,386             | 0                | 0                 |
| MN .....                      | 820   | 1,410             | 2,355   | 1,820             | 50               | 60                |
| MS .....                      | 1,313   | 1,412             | 2,134   | 1,978             | 664              | 795               |
| MO .....                      | 816   | 775               | 793   | 830               | 185              | 175               |
| MT .....                      | 61  | 40                | 63  | 89                | 1                | 1                 |
| NE .....                      | 963   | 562               | 1,248   | 1,861             | 0                | 0                 |
| NH .....                      | 14  | 16                | 59  | 52                | 8                | 10                |
| NJ .....                      | 0   | 0                 | 89  | 137               | 0                | 0                 |
| NY .....                      | 450   | 496               | 730   | 506               | 16               | 13                |
| NC .....                      | 2,639   | 2,625             | 2,825   | 2,788             | 1,002            | 1,162             |
| OH .....                      | 3,296   | 3,731             | 3,568   | 4,754             | 24               | 22                |
| OK .....                      | 380   | 393               | 874   | 879               | 292              | 245               |
| OR .....                      | 195   | 232               | 415   | 418               | 7                | 8                 |
| PA .....                      | 2,362   | 2,193             | 2,623   | 3,742             | 92               | 93                |
| SC .....                      | 389   | 521               | 745   | 695               | 168              | 158               |
| SD .....                      | 158   | 175               | 171   | 183               | 0                | 0                 |
| TN .....                      | 317   | 362               | 453   | 393               | 174              | 165               |
| TX .....                      | 2,452   | 2,756             | 3,851   | 4,436             | 428              | 450               |
| UT .....                      | 407   | 239               | 93  | 261               | 1                | 0                 |
| VT .....                      | 4   | 23                | 1   | 2                 | 2                | 2                 |
| VA .....                      | 659   | 419               | 507   | 581               | 245              | 248               |
| WA .....                      | 179   | 631               | 1,141   | 692               | 2                | 1                 |
| WV .....                      | 310   | 348               | 400   | 411               | 150              | 129               |
| WI .....                      | 330   | 100               | 891   | 1,050             | 39               | 30                |
| WY .....                      | 2   | 2                 | 2   | 2                 | 1                | 1                 |
| Other States <sup>2</sup> ... | 291   | 403               | 1,104   | 1,446             | 19               | 13                |
| US .....                      | 39,679  | 42,030            | 56,646  | 58,291            | 8,353            | 8,438             |

<sup>1</sup> Preliminary. <sup>2</sup> AK, AZ, DE, KS, NV, NM, ND, and RI combined to avoid disclosing individual operations. NASS, Livestock Branch, (202) 720-3570.

**Table 8-44.—Chicken inventory: Number, value per head, and total value, by State and United States, Dec. 1, 2002–2003 <sup>1</sup>**

| State                      | Number            |                   | Value per bird |                   | Total value          |                      |
|----------------------------|-------------------|-------------------|----------------|-------------------|----------------------|----------------------|
|                            | 2002              | 2003 <sup>2</sup> | 2002           | 2003 <sup>2</sup> | 2002                 | 2003 <sup>2</sup>    |
|                            | <i>1,000 head</i> | <i>1,000 head</i> | <i>Dollars</i> | <i>Dollars</i>    | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL .....                   | 15,256            | 14,425            | 3.60           | 4.20              | 54,922               | 60,585               |
| AR .....                   | 22,787            | 23,321            | 4.70           | 4.20              | 107,099              | 97,822               |
| CA .....                   | 27,594            | 25,981            | 1.90           | 1.90              | 50,204               | 45,969               |
| CO .....                   | 4,780             | 5,100             | 2.00           | 1.90              | 9,560                | 9,690                |
| CT .....                   | 3,793             | 3,745             | 2.30           | 2.60              | 8,724                | 9,737                |
| FL .....                   | 13,012            | 13,298            | 1.90           | 1.90              | 24,723               | 25,266               |
| GA .....                   | 30,296            | 29,508            | 3.40           | 3.50              | 103,006              | 103,278              |
| HI .....                   | 625               | 600               | 1.70           | 1.70              | 1,063                | 1,020                |
| ID .....                   | 1,245             | 1,177             | 1.80           | 1.70              | 2,241                | 2,001                |
| IL .....                   | 4,002             | 4,232             | 1.40           | 1.20              | 5,603                | 5,078                |
| IN .....                   | 29,098            | 28,865            | 1.10           | 1.40              | 32,008               | 40,411               |
| IA .....                   | 46,990            | 50,882            | 1.40           | 1.60              | 65,786               | 81,411               |
| KY .....                   | 6,195             | 7,156             | 3.20           | 3.70              | 19,824               | 26,477               |
| LA .....                   | 2,560             | 2,590             | 2.90           | 3.50              | 7,424                | 9,065                |
| ME .....                   | 5,790             | 5,473             | 2.20           | 2.50              | 12,738               | 13,683               |
| MD .....                   | 4,420             | 3,769             | 2.60           | 3.20              | 11,492               | 12,061               |
| MA .....                   | 336               | 280               | 3.10           | 3.20              | 1,042                | 896                  |
| MI .....                   | 9,251             | 9,731             | 1.70           | 2.80              | 15,727               | 27,247               |
| MN .....                   | 14,685            | 14,600            | 1.30           | 1.40              | 19,091               | 20,440               |
| MS .....                   | 10,814            | 10,984            | 4.90           | 4.80              | 52,989               | 52,723               |
| MO .....                   | 8,555             | 8,280             | 2.30           | 2.20              | 19,677               | 18,216               |
| MT .....                   | 480               | 485               | 3.10           | 3.10              | 1,488                | 1,504                |
| NE .....                   | 13,747            | 14,223            | 1.80           | 1.80              | 24,745               | 25,601               |
| NH .....                   | 229               | 219               | 3.30           | 3.80              | 756                  | 832                  |
| NJ .....                   | 2,158             | 2,134             | 1.00           | 1.10              | 2,158                | 2,347                |
| NY .....                   | 4,892             | 4,715             | 1.60           | 1.90              | 7,827                | 8,959                |
| NC .....                   | 17,042            | 17,450            | 4.80           | 4.50              | 81,802               | 78,525               |
| OH .....                   | 37,883            | 37,663            | 1.30           | 1.50              | 49,248               | 56,495               |
| OK .....                   | 5,740             | 5,654             | 4.90           | 4.00              | 28,126               | 22,616               |
| OR .....                   | 3,400             | 3,591             | 2.20           | 2.00              | 7,480                | 7,182                |
| PA .....                   | 29,257            | 29,408            | 1.80           | 1.90              | 52,663               | 55,875               |
| SC .....                   | 6,598             | 6,778             | 2.70           | 3.00              | 17,815               | 20,334               |
| SD .....                   | 2,677             | 3,710             | 1.80           | 2.50              | 4,819                | 9,275                |
| TN .....                   | 2,200             | 2,260             | 6.10           | 6.10              | 13,420               | 13,786               |
| TX .....                   | 25,506            | 25,984            | 2.20           | 2.40              | 56,113               | 62,362               |
| UT .....                   | 3,853             | 3,894             | 1.70           | 2.30              | 6,550                | 8,956                |
| VT .....                   | 201               | 199               | 2.50           | 2.90              | 503                  | 577                  |
| VA .....                   | 4,573             | 4,509             | 4.80           | 4.50              | 21,950               | 20,291               |
| WA .....                   | 6,484             | 6,230             | 2.40           | 2.50              | 15,562               | 15,575               |
| WV .....                   | 1,966             | 2,060             | 4.70           | 4.70              | 9,240                | 9,682                |
| WI .....                   | 5,600             | 5,500             | 2.00           | 1.80              | 11,200               | 9,900                |
| WY .....                   | 17                | 17                | 3.30           | 3.30              | 56                   | 56                   |
| Oth Sts <sup>3</sup> ..... | 7,294             | 8,068             | 1.89           | 1.80              | 13,766               | 14,498               |
| US .....                   | 443,881           | 448,748           | 2.37           | 2.47              | 1,052,230            | 1,108,304            |

<sup>1</sup>Excludes commercial broilers. <sup>2</sup>Preliminary. <sup>3</sup>AK, AZ, DE, KS, NV, NM, ND, and RI combined to avoid disclosure of individual operations.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-45.—Poultry Meat: Total imports by specified countries, 1999–2002**

| Continent and country         | 1999              | 2000              | 2001              | 2002 <sup>1</sup> |
|-------------------------------|-------------------|-------------------|-------------------|-------------------|
|                               | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> |
| Russian Federation .....      | 930               | 943               | 1,281             | 1,208             |
| Japan .....                   | 667               | 721               | 710               | 744               |
| China, Peoples Republic ..... | 591               | 608               | 473               | 435               |
| European Union .....          | 198               | 299               | 418               | 397               |
| Saudi Arabia .....            | 364               | 348               | 399               | 380               |
| Mexico .....                  | 190               | 223               | 242               | 265               |
| Hong Kong .....               | 275               | 168               | 183               | 164               |
| United Arab Emirates .....    | 117               | 111               | 123               | 136               |
| Korea, Republic of .....      | 47                | 67                | 83                | 94                |
| Canada .....                  | 62                | 69                | 73                | 77                |
| South Africa, Republic .....  | 80                | 72                | 64                | 61                |
| Kuwait .....                  | 54                | 53                | 62                | 65                |
| Romania .....                 | 19                | 30                | 58                | 77                |
| Ukraine .....                 | 87                | 25                | 64                | 61                |
| Malaysia .....                | 26                | 28                | 35                | 43                |
| Argentina .....               | 52                | 42                | 24                | 1                 |
| Hungary .....                 | 2                 | 16                | 17                | 8                 |
| Bulgaria .....                | 14                | 14                | 14                | 0                 |
| Philippines .....             | 12                | 18                | 12                | 13                |
| Poland .....                  | 9                 | 8                 | 11                | 13                |
| Colombia .....                | 14                | 11                | 11                | 12                |
| Taiwan .....                  | 14                | 12                | 9                 | 20                |
| United States .....           | 2                 | 3                 | 6                 | 5                 |
| Egypt .....                   | 2                 | 2                 | 4                 | 5                 |
| Indonesia .....               | 4                 | 14                | 1                 | 0                 |
| Others .....                  | 65                | 70                | 0                 | 0                 |
| Grand total .....             | 3,897             | 3,975             | 4,377             | 4,284             |

<sup>1</sup> Estimated.

Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, inter-agency analysis, and related information.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8031.

**Table 8-46.—Poultry Meat: Total exports by specified countries, 1999–2002**

| Continent and country             | 1999              | 2000              | 2001              | 2002 <sup>1</sup> |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|
|                                   | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> |
| United States .....               | 2,080             | 2,231             | 2,521             | 2,180             |
| Brazil .....                      | 750               | 893               | 1,241             | 1,590             |
| European Union <sup>2</sup> ..... | 764               | 762               | 718               | 841               |
| China, Peoples Republic .....     | 375               | 464               | 489               | 438               |
| Thailand .....                    | 288               | 328               | 425               | 465               |
| Canada .....                      | 47                | 55                | 69                | 92                |
| Hungary .....                     | 45                | 35                | 35                | 27                |
| Saudi Arabia .....                | 16                | 16                | 20                | 20                |
| United Arab Emirates .....        | 19                | 20                | 20                | 37                |
| Australia .....                   | 12                | 14                | 19                | 17                |
| Poland .....                      | 20                | 12                | 13                | 23                |
| Others .....                      | 33                | 32                | 29                | 50                |
| Grand total .....                 | 4,449             | 4,862             | 5,599             | 5,780             |

<sup>1</sup> Estimated. <sup>2</sup> EU trade excludes intra-EU trade.

Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, interagency analysis, and related information.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8031.

**Table 8-47.—Total poultry meat: Production in specified countries, 1999–2002**

| Continent and country         | 1999                         | 2000                         | 2001                         | 2002 <sup>1</sup>            |
|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|                               | <i>1,000<br/>metric tons</i> | <i>1,000<br/>metric tons</i> | <i>1,000<br/>metric tons</i> | <i>1,000<br/>metric tons</i> |
| United States .....           | 13,367                       | 13,703                       | 14,033                       | 14,467                       |
| European Union .....          | 6,614                        | 6,654                        | 6,822                        | 5,950                        |
| Brazil .....                  | 5,526                        | 5,980                        | 6,567                        | 7,449                        |
| China, Peoples Republic ..... | 8,550                        | 9,269                        | 9,278                        | 9,558                        |
| Mexico .....                  | 1,784                        | 1,936                        | 2,067                        | 2,157                        |
| India .....                   | 820                          | 1,080                        | 1,250                        | 1,400                        |
| Thailand .....                | 980                          | 1,070                        | 1,230                        | 1,205                        |
| Japan .....                   | 1,078                        | 1,091                        | 1,074                        | 1,107                        |
| Canada .....                  | 847                          | 877                          | 927                          | 932                          |
| Argentina .....               | 885                          | 870                          | 870                          | 640                          |
| Malaysia .....                | 684                          | 786                          | 813                          | 784                          |
| South Africa, Republic .....  | 681                          | 707                          | 730                          | 760                          |
| Taiwan .....                  | 615                          | 631                          | 622                          | 612                          |
| Colombia .....                | 577                          | 606                          | 606                          | 647                          |
| Philippines .....             | 500                          | 520                          | 582                          | 625                          |
| Australia .....               | 550                          | 573                          | 568                          | 629                          |
| Indonesia .....               | 355                          | 458                          | 522                          | 632                          |
| Egypt .....                   | 500                          | 460                          | 450                          | 460                          |
| Poland .....                  | 355                          | 370                          | 450                          | 470                          |
| Russian Federation .....      | 350                          | 380                          | 430                          | 500                          |
| Saudi Arabia .....            | 370                          | 390                          | 424                          | 510                          |
| Korea, Republic of .....      | 390                          | 394                          | 413                          | 437                          |
| Venezuela .....               | 375                          | 379                          | 360                          | 320                          |
| Hungary .....                 | 220                          | 205                          | 200                          | 170                          |
| Romania .....                 | 104                          | 121                          | 130                          | 150                          |
| Others .....                  | 485                          | 509                          | 277                          | 254                          |
| Grand total .....             | 47,562                       | 50,019                       | 51,695                       | 52,825                       |

<sup>1</sup> Preliminary.  
 Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, inter-agency analysis, and related information.  
 FAS, Production Estimates and Crop Assessment Division, (202) 720-8031.

**Table 8-48.—Mature Chickens: Lost, sold for slaughter, and value of sales, 2002 (preliminary)<sup>1</sup>**

| State                         | Number lost <sup>2</sup> | Number sold <sup>3</sup> | Pounds sold <sup>3</sup> | Price per pound <sup>3</sup> | Value of sales <sup>3</sup> |
|-------------------------------|--------------------------|--------------------------|--------------------------|------------------------------|-----------------------------|
|                               | <i>1,000 head</i>        | <i>1,000 head</i>        | <i>1,000 pounds</i>      | <i>Dollars</i>               | <i>1,000 dollars</i>        |
| AL .....                      | 1,634                    | 9,229                    | 70,140                   | 0.076                        | 5,331                       |
| AR .....                      | 2,740                    | 14,560                   | 115,024                  | 0.080                        | 9,202                       |
| CA .....                      | 3,106                    | 9,761                    | 36,116                   | 0.008                        | 289                         |
| CO .....                      | 1,104                    | 1,337                    | 5,348                    | 0.002                        | 11                          |
| CT .....                      | 276                      | 2,122                    | 7,851                    | 0.003                        | 24                          |
| DE .....                      | 176                      | 985                      | 4,334                    | 0.022                        | 95                          |
| FL .....                      | 2,879                    | 4,122                    | 19,373                   | 0.041                        | 794                         |
| GA .....                      | 5,131                    | 16,947                   | 127,103                  | 0.082                        | 10,422                      |
| HI .....                      | 118                      | 158                      | 569                      | 0.179                        | 102                         |
| ID .....                      | 90                       | 512                      | 1,946                    | 0.010                        | 19                          |
| IL .....                      | 442                      | 1,329                    | 5,316                    | 0.015                        | 80                          |
| IN .....                      | 2,155                    | 7,220                    | 24,548                   | 0.005                        | 123                         |
| IA .....                      | 7,137                    | 12,014                   | 42,049                   | 0.001                        | 42                          |
| KY .....                      | 390                      | 3,217                    | 19,945                   | 0.063                        | 1,257                       |
| LA .....                      | 482                      | 1,344                    | 7,661                    | 0.056                        | 429                         |
| ME .....                      | 494                      | 2,690                    | 10,491                   | 0.004                        | 42                          |
| MD .....                      | 338                      | 2,345                    | 9,146                    | 0.010                        | 91                          |
| MA .....                      | 16                       | 230                      | 897                      | 0.005                        | 4                           |
| MI .....                      | 467                      | 3,620                    | 12,670                   | 0.001                        | 13                          |
| MN .....                      | 1,651                    | 5,054                    | 18,194                   | 0.001                        | 18                          |
| MS .....                      | 945                      | 7,590                    | 54,648                   | 0.080                        | 4,372                       |
| MO .....                      | 823                      | 3,607                    | 19,839                   | 0.050                        | 992                         |
| MT .....                      | 37                       | 115                      | 414                      | 0.010                        | 4                           |
| NE .....                      | 2,940                    | 5,161                    | 18,064                   | 0.001                        | 18                          |
| NH .....                      | 12                       | 252                      | 1,411                    | 0.036                        | 51                          |
| NJ .....                      | 143                      | 1,151                    | 3,913                    | 0.001                        | 4                           |
| NY .....                      | 329                      | 2,390                    | 10,038                   | 0.001                        | 10                          |
| NC .....                      | 1,321                    | 13,264                   | 102,133                  | 0.070                        | 7,149                       |
| OH .....                      | 5,244                    | 17,290                   | 60,515                   | 0.005                        | 303                         |
| OK .....                      | 737                      | 3,260                    | 19,560                   | 0.080                        | 1,565                       |
| OR .....                      | 308                      | 876                      | 3,066                    | 0.001                        | 3                           |
| PA .....                      | 2,014                    | 14,694                   | 52,898                   | 0.010                        | 529                         |
| SC .....                      | 2,671                    | 2,232                    | 13,392                   | 0.006                        | 80                          |
| SD .....                      | 740                      | 567                      | 1,985                    | 0.027                        | 54                          |
| TN .....                      | 205                      | 1,657                    | 11,102                   | 0.065                        | 722                         |
| TX .....                      | 2,504                    | 12,897                   | 63,195                   | 0.039                        | 2,465                       |
| UT .....                      | 260                      | 2,003                    | 7,812                    | 0.010                        | 78                          |
| VT .....                      | 17                       | 211                      | 823                      | 0.007                        | 6                           |
| VA .....                      | 686                      | 2,765                    | 16,867                   | 0.062                        | 1,046                       |
| WA .....                      | 569                      | 2,272                    | 7,498                    | 0.001                        | 7                           |
| WV .....                      | 223                      | 1,432                    | 11,313                   | 0.087                        | 984                         |
| WI .....                      | 1,049                    | 1,733                    | 7,105                    | 0.022                        | 156                         |
| WY .....                      | 1                        | 12                       | 41                       | 0.001                        | 0                           |
| Other States <sup>4</sup> ... | 563                      | 1,808                    | 6,332                    | 0.006                        | 37                          |
| Total US .....                | 55,167                   | 198,035                  | 1,032,685                | 0.047                        | 49,023                      |

<sup>1</sup> Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30 and excludes broilers. <sup>2</sup> Includes death, rendered, composted, destroyed, disappeared, and other losses during the 12-month period. <sup>3</sup> Sold for slaughter. <sup>4</sup> AK, AZ, KS, ND, NM, NV, and RI combined to avoid disclosing individual operations.

NASS, Livestock Branch, (202) 720-6351.

**Table 8-49.—Mature Chickens: Lost, sold for slaughter, price, and value, United States, 1993–2002<sup>1</sup>**

| Year       | Number               |                      | Pounds (live weight) sold <sup>3</sup> | Price per pound live weight <sup>3</sup> | Value of sales <sup>3</sup> |
|------------|----------------------|----------------------|--|--|-----------------------------|
|            | Lost <sup>2</sup>    | Sold <sup>3</sup>    |  |  |                             |
|            | <i>Thousand head</i> | <i>Thousand head</i> | <i>1,000 pounds</i>                    | <i>Dollars</i>                           | <i>1,000 dollars</i>        |
| 1993 ..... | 34,962               | 198,032              | 964,356                                | 0.100                                    | 96,409                      |
| 1994 ..... | 35,621               | 197,012              | 992,840                                | 0.074                                    | 73,050                      |
| 1995 ..... | 61,060               | 179,503              | 924,036                                | 0.065                                    | 60,153                      |
| 1996 ..... | 60,435               | 174,299              | 900,652                                | 0.066                                    | 59,187                      |
| 1997 ..... | 49,256               | 190,986              | 925,499                                | 0.077                                    | 71,461                      |
| 1998 ..... | 53,428               | 193,768              | 934,568                                | 0.081                                    | 75,542                      |
| 1999 ..... | 54,951               | 210,173              | 1,034,072                              | 0.071                                    | 73,150                      |
| 2000 ..... | 50,507               | 218,212              | 1,111,717                              | 0.057                                    | 63,925                      |
| 2001 ..... | 56,146               | 199,862              | 1,016,708                              | 0.045                                    | 46,353                      |
| 2002 ..... | 55,167               | 198,035              | 1,032,685                              | 0.047                                    | 49,023                      |

<sup>1</sup> Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30 and excludes broilers. <sup>2</sup> Includes death, rendered, composted, destroyed, and other losses during the 12-month period. <sup>3</sup> Sold for slaughter.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-50.—Broilers: Production and value, United States, 1993–2002<sup>1</sup>**

| Year                    | Production       |                     | Price per pound <sup>2</sup> | Value of production  |
|-------------------------|------------------|---------------------|------------------------------|----------------------|
|                         | Number           | Weight              |                              |                      |
|                         | <i>Thousands</i> | <i>1,000 pounds</i> | <i>Cents</i>                 | <i>1,000 dollars</i> |
| 1993 .....              | 6,694,310        | 30,617,600          | 34.0                         | 10,416,962           |
| 1994 .....              | 7,017,540        | 32,528,500          | 35.0                         | 11,371,723           |
| 1995 .....              | 7,325,670        | 34,222,000          | 34.4                         | 11,762,222           |
| 1996 .....              | 7,596,760        | 36,479,100          | 38.1                         | 13,903,479           |
| 1997 .....              | 7,764,200        | 37,540,750          | 37.7                         | 14,158,926           |
| 1998 .....              | 7,934,280        | 38,553,600          | 39.3                         | 15,144,551           |
| 1999 .....              | 8,146,010        | 40,829,800          | 37.1                         | 15,128,840           |
| 2000 .....              | 8,284,000        | 41,623,100          | 33.6                         | 13,988,434           |
| 2001 .....              | 8,389,090        | 42,445,800          | 39.3                         | 16,693,515           |
| 2002 <sup>3</sup> ..... | 8,590,180        | 44,050,400          | 30.5                         | 13,434,771           |

<sup>1</sup> Broilers are young chickens of the meat-type strains, raised for the purpose of meat production. These figures are not included in farm production of chickens. Estimates cover the 12-month period, Dec 1 previous year through Nov 30. Excludes States which produced less than 500,000 broilers. <sup>2</sup> Live weight equivalent price. <sup>3</sup> Preliminary.  
 NASS, Livestock Branch, (202) 720-3570.

**Table 8-51.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1995–2004**

| Year                    | Production            |                       |                       | Commercial storage at beginning of year | Exports               | Commercial storage at end of year | Consumption           |               |
|-------------------------|-----------------------|-----------------------|-----------------------|---|-----------------------|-----------------------------------|-----------------------|---------------|
|                         | Commercial broilers   | Other chickens        | Total <sup>1</sup>    |   |                       |                                   | Total <sup>1,3</sup>  | Per capita    |
|                         | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i> | <i>Million pounds</i>                   | <i>Million pounds</i> | <i>Million pounds</i>             | <i>Million pounds</i> | <i>Pounds</i> |
| 1995 .....              | 24,827                | 496                   | 25,323                | 472                                     | 3,993                 | 567                               | 21,238                | 81            |
| 1996 .....              | 26,124                | 491                   | 26,615                | 567                                     | 4,685                 | 647                               | 21,854                | 81            |
| 1997 .....              | 27,041                | 510                   | 27,570                | 647                                     | 4,787                 | 614                               | 22,802                | 84            |
| 1998 .....              | 27,612                | 525                   | 28,137                | 614                                     | 4,767                 | 717                               | 23,254                | 84            |
| 1999 .....              | 29,468                | 554                   | 30,022                | 717                                     | 4,978                 | 804                               | 24,965                | 90            |
| 2000 .....              | 30,209                | 531                   | 31,740                | 804                                     | 5,138                 | 807                               | 25,606                | 91            |
| 2001 .....              | 30,938                | 515                   | 31,453                | 807                                     | 5,737                 | 720                               | 25,819                | 90            |
| 2002 .....              | 31,895                | 547                   | 32,442                | 720                                     | 4,941                 | 768                               | 27,467                | 96            |
| 2003 <sup>2</sup> ..... | 32,313                | 502                   | 32,815                | 768                                     | 5,034                 | 609                               | 27,966                | 96            |
| 2004 <sup>4</sup> ..... | 33,542                | 490                   | 34,032                | 609                                     | 5,375                 | 604                               | 28,678                | 97            |

<sup>1</sup> Totals may not add due to rounding. <sup>2</sup> Preliminary. <sup>3</sup> Shipments to territories now included in total consumption. <sup>4</sup> Forecast.  
 ERS, Animal Products Branch, (202) 694-5180.

**Table 8-52.—Poultry: Feed-price ratios, United States, 1993–2002**

| Year       | Ratios <sup>1</sup> |               |               |
|------------|---------------------|---------------|---------------|
|            | Egg-feed            | Broiler-feed  | Turkey-feed   |
|            | <i>Pounds</i>       | <i>Pounds</i> | <i>Pounds</i> |
| 1993 ..... | 9.4                 | 5.3           | 6.5           |
| 1994 ..... | 8.5                 | 5.2           | 6.6           |
| 1995 ..... | 8.8                 | 5.1           | 6.3           |
| 1996 ..... | 8.6                 | 4.4           | 5.3           |
| 1997 ..... | 8.8                 | 4.7           | 5.7           |
| 1998 ..... | 9.7                 | 6.3           | 6.7           |
| 1999 ..... | 9.8                 | 7.2           | 8.6           |
| 2000 ..... | 10.5                | 6.6           | 8.7           |
| 2001 ..... | 9.9                 | 7.7           | 8.2           |
| 2002 ..... | 8.6                 | 5.3           | 6.8           |

<sup>1</sup> Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen market eggs, or 1 pound of broiler or 1 pound of turkey live weight. Simple average of monthly feed-price ratios. Egg feed= corn (75 lbs) and soybeans (25 lbs); broiler feed= corn (58 lbs); soybeans (42 lbs); turkey feed= corn (51 lbs), soybeans (28 lbs), and wheat (21 lbs). Monthly equivalent prices of commercial prepared feeds are based on current U.S. prices received for corn, soybeans, and wheat.  
 NASS, Environmental, Economics, and Demographics Branch, (202) 720-3570.

**Table 8-53.—Broilers: Production, price, and value, by States, 2001 and 2002<sup>1</sup>**

| State                     | 2001             |                     |                              |                      | 2002 <sup>3</sup> |                     |                              |                      |
|---------------------------|------------------|---------------------|------------------------------|----------------------|-------------------|---------------------|------------------------------|----------------------|
|                           | Production       |                     | Price per pound <sup>2</sup> | Value of production  | Production        |                     | Price per pound <sup>2</sup> | Value of production  |
|                           | Number           | Weight              |                              |                      | Number            | Weight              |                              |                      |
|                           | <i>Thousands</i> | <i>1,000 pounds</i> | <i>Dollars</i>               | <i>1,000 dollars</i> | <i>Thousands</i>  | <i>1,000 pounds</i> | <i>Dollars</i>               | <i>1,000 dollars</i> |
| AL .....                  | 1,007,600        | 5,138,800           | 0.390                        | 2,004,132            | 1,051,300         | 5,361,600           | 0.300                        | 1,608,480            |
| AR .....                  | 1,170,900        | 5,737,400           | 0.390                        | 2,237,586            | 1,186,300         | 5,812,900           | 0.300                        | 1,743,870            |
| DE .....                  | 257,700          | 1,494,700           | 0.400                        | 597,880              | 257,400           | 1,544,400           | 0.320                        | 494,208              |
| FL .....                  | 115,300          | 634,200             | 0.400                        | 253,680              | 114,700           | 630,900             | 0.310                        | 195,579              |
| GA .....                  | 1,247,300        | 6,236,500           | 0.390                        | 2,432,235            | 1,290,500         | 6,452,500           | 0.300                        | 1,935,750            |
| HI .....                  | 890              | 3,700               | 0.545                        | 2,017                | 880               | 3,500               | 0.555                        | 1,943                |
| KY .....                  | 253,400          | 1,292,300           | 0.390                        | 503,997              | 269,900           | 1,403,500           | 0.300                        | 421,050              |
| MD .....                  | 287,800          | 1,381,400           | 0.400                        | 552,560              | 292,900           | 1,376,600           | 0.320                        | 440,512              |
| MN .....                  | 43,900           | 219,500             | 0.390                        | 85,605               | 44,200            | 229,800             | 0.300                        | 68,940               |
| MS .....                  | 765,300          | 3,826,500           | 0.390                        | 1,492,335            | 769,500           | 4,078,400           | 0.300                        | 1,223,520            |
| NE .....                  | 3,400            | 18,000              | 0.390                        | 7,020                | 3,700             | 20,700              | 0.300                        | 6,210                |
| NY .....                  | 2,300            | 12,200              | 0.410                        | 5,002                | 2,400             | 13,200              | 0.330                        | 4,356                |
| NC .....                  | 712,300          | 4,202,600           | 0.400                        | 1,681,040            | 735,200           | 4,411,200           | 0.310                        | 1,367,472            |
| OH .....                  | 40,100           | 212,500             | 0.390                        | 82,875               | 39,000            | 214,500             | 0.300                        | 64,350               |
| OK .....                  | 226,800          | 1,111,300           | 0.390                        | 433,407              | 232,800           | 1,140,700           | 0.300                        | 342,210              |
| PA .....                  | 132,300          | 701,200             | 0.410                        | 287,492              | 133,200           | 706,000             | 0.320                        | 225,920              |
| SC .....                  | 198,000          | 1,049,400           | 0.390                        | 409,266              | 192,900           | 1,080,200           | 0.300                        | 324,060              |
| TN .....                  | 198,300          | 932,000             | 0.390                        | 363,480              | 186,400           | 894,700             | 0.300                        | 268,410              |
| TX .....                  | 565,500          | 2,714,400           | 0.390                        | 1,058,616            | 588,100           | 2,881,700           | 0.310                        | 893,327              |
| VA .....                  | 271,500          | 1,330,400           | 0.390                        | 518,856              | 265,500           | 1,301,000           | 0.300                        | 390,300              |
| WV .....                  | 89,800           | 368,200             | 0.390                        | 143,598              | 89,700            | 358,800             | 0.300                        | 107,640              |
| WI .....                  | 31,300           | 137,700             | 0.390                        | 53,703               | 33,800            | 145,300             | 0.300                        | 43,590               |
| Other States <sup>4</sup> | 767,400          | 3,690,900           | 0.403                        | 1,487,133            | 809,900           | 3,988,300           | 0.317                        | 1,263,074            |
| Total <sup>5</sup> .....  | 8,389,090        | 42,445,800          | 0.393                        | 16,693,515           | 8,590,180         | 44,050,400          | 0.305                        | 13,434,771           |

<sup>1</sup> Broilers are young chickens of the meat-type strains, raised for the purpose of meat production. Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30. <sup>2</sup> Live weight equivalent price. <sup>3</sup> Preliminary. <sup>4</sup> CA, IN, IA, LA, MO, OR, and WA. <sup>5</sup> Excludes States producing less than 500,000 broilers.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-54.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1993–2002**

| Year       | Chicks hatched   |                  |                  | Average price of baby chicks per 100 |                |                | Value of chick production <sup>1</sup> |
|------------|------------------|------------------|------------------|--------------------------------------|----------------|----------------|--|
|            | Broiler-type     | Egg-type         | All              | Broiler-type                         | Egg-type       | All            |  |
|            | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Dollars</i>                       | <i>Dollars</i> | <i>Dollars</i> | <i>1,000 dollars</i>                   |
| 1993 ..... | 7,220,768        | 405,986          | 7,626,754        | 18.60                                | 53.80          | 19.60          | 1,455,383                              |
| 1994 ..... | 7,562,316        | 381,577          | 7,943,893        | 19.30                                | 49.70          | 20.10          | 1,557,276                              |
| 1995 ..... | 7,932,352        | 396,501          | 8,328,853        | 18.60                                | 49.80          | 19.40          | 1,577,782                              |
| 1996 ..... | 8,078,159        | 401,640          | 8,479,799        | 18.60                                | 53.80          | 19.50          | 1,611,380                              |
| 1997 ..... | 8,321,634        | 424,543          | 8,746,177        | 19.70                                | 53.10          | 20.60          | 1,756,004                              |
| 1998 ..... | 8,491,938        | 438,273          | 8,930,211        | 19.50                                | 53.70          | 20.30          | 1,771,713                              |
| 1999 ..... | 8,715,423        | 451,721          | 9,167,144        | 20.30                                | 52.60          | 21.10          | 1,886,007                              |
| 2000 ..... | 8,846,185        | 430,412          | 9,276,597        | 20.50                                | 48.00          | 21.10          | 1,913,453                              |
| 2001 ..... | 9,021,116        | 452,673          | 9,473,789        | 20.60                                | 53.90          | 21.40          | 1,982,613                              |
| 2002 ..... | 9,079,000        | 421,320          | 9,500,320        | 21.00                                | 51.90          | 21.70          | 2,017,593                              |

<sup>1</sup> Excludes egg-type cockerels destroyed.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146 and Livestock Branch, (202) 720-3570.

**Table 8-55.—Poultry: Slaughtered under Federal inspection, by class, United States, 2001–2003**

| Class                 | Number inspected |                  |                  | Pounds inspected (live weight) |                  |                  |
|-----------------------|------------------|------------------|------------------|--------------------------------|------------------|------------------|
|                       | 2001             | 2002             | 2003             | 2001                           | 2002             | 2003             |
|                       | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i>               | <i>Thousands</i> | <i>Thousands</i> |
| Young chickens .....  | 8,406,313        | 8,546,240        | 8,536,865        | 42,355,507                     | 43,715,247       | 44,317,531       |
| Mature chickens ..... | 160,069          | 169,859          | 147,569          | 854,308                        | 907,955          | 824,973          |
| Total chickens .....  | 8,566,382        | 8,716,099        | 8,684,434        | 43,189,815                     | 44,623,202       | 45,142,504       |
| Young turkeys .....   | 266,932          | 268,675          | 264,753          | 6,965,326                      | 7,189,257        | 7,093,431        |
| Old turkeys .....     | 2,370            | 2,569            | 3,028            | 63,367                         | 69,926           | 81,480           |
| Total turkeys .....   | 269,302          | 271,244          | 267,781          | 7,028,693                      | 7,259,183        | 7,174,911        |
| Ducks .....           | 26,260           | 23,998           | 24,301           | 173,983                        | 160,319          | 160,871          |
| Other poultry .....   |                  |                  |                  | 13,498                         | 12,667           | 10,016           |
| Total poultry .....   |                  |                  |                  | 50,405,989                     | 52,055,371       | 52,488,302       |

| Class                 | Pounds certified (ready-to-cook) |                  |                  | Pounds condemned          |                  |                  |
|-----------------------|----------------------------------|------------------|------------------|---------------------------|------------------|------------------|
|                       | 2001                             | 2002             | 2003             | Ante-mortem (live weight) |                  |                  |
|                       |                                  |                  |                  | 2001                      | 2002             | 2003             |
|                       | <i>Thousands</i>                 | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i>          | <i>Thousands</i> | <i>Thousands</i> |
| Young chickens .....  | 31,265,809                       | 32,239,722       | 32,748,996       | 172,904                   | 178,884          | 170,725          |
| Mature chickens ..... | 515,796                          | 547,109          | 502,655          | 14,694                    | 17,477           | 12,762           |
| Total chickens .....  | 31,781,605                       | 32,786,831       | 33,251,651       | 187,598                   | 196,361          | 183,487          |
| Young turkeys .....   | 5,512,988                        | 5,659,718        | 5,589,037        | 22,243                    | 23,528           | 25,910           |
| Old turkeys .....     | 48,712                           | 53,014           | 61,320           | 709                       | 675              | 1,238            |
| Total turkeys .....   | 5,561,700                        | 5,712,732        | 5,650,357        | 22,952                    | 24,203           | 27,148           |
| Ducks .....           | 124,141                          | 116,859          | 119,007          | 365                       | 331              | 338              |
| Other poultry .....   | 8,215                            | 7,745            | 6,535            | 49                        | 63               | 31               |
| Total poultry .....   | 37,475,661                       | 38,624,167       | 39,027,550       | 210,964                   | 220,958          | 211,004          |

| Class                 | Pounds condemned—Continued            |                  |                  |
|-----------------------|---------------------------------------|------------------|------------------|
|                       | Post-mortem (New York dressed weight) |                  |                  |
|                       | 2001                                  | 2002             | 2003             |
|                       | <i>Thousands</i>                      | <i>Thousands</i> | <i>Thousands</i> |
| Young chickens .....  | 464,846                               | 381,610          | 362,256          |
| Mature chickens ..... | 45,171                                | 47,327           | 41,907           |
| Total chickens .....  | 510,017                               | 428,937          | 404,163          |
| Young turkeys .....   | 138,901                               | 131,941          | 123,773          |
| Old turkeys .....     | 3,831                                 | 4,165            | 4,735            |
| Total turkeys .....   | 142,732                               | 136,106          | 128,508          |
| Ducks .....           | 3,691                                 | 2,992            | 3,503            |
| Other poultry .....   | 152                                   | 156              | 136              |
| Total poultry .....   | 656,592                               | 568,191          | 536,310          |

NASS, Livestock Branch, (202) 720-3570.



**Table 8-56.—Chickens and turkeys: Number classified as “U.S. Pullorum-Typhoid Clean,” and number and percentage of reactors, United States, 1993–2002**

| Year beginning July | Chicken tests    |  |                       |         | Turkey tests     |                                       |          |         |
|---------------------|------------------|--|-----------------------|---------|------------------|---------------------------------------|----------|---------|
|                     | States reporting | Chickens in tested flocks (first test) | Reactors <sup>1</sup> |         | States reporting | Turkeys in tested flocks (first test) | Reactors |         |
|                     |                  |  | Number                | Percent |                  |                                       | Number   | Percent |
| 1993 ....           | 47               | 49,628                                 | 0                     | 0.0000  | 47               | 5,339,500                             | 0        | 0.0000  |
| 1994 ....           | 47               | 52,668                                 | 0                     | 0.0000  | 47               | 4,949,240                             | 0        | 0.0000  |
| 1995 ....           | 48               | 58,019                                 | 0                     | 0.0000  | 48               | 4,679,984                             | 0        | 0.0000  |
| 1996 ....           | 48               | 58,191                                 | 0                     | 0.0000  | 48               | 5,905,799                             | 0        | 0.0000  |
| 1997 ....           | 48               | 62,402                                 | 0                     | 0.0000  | 48               | 5,301,183                             | 0        | 0.0000  |
| 1998 ....           | 48               | 81,636                                 | 0                     | 0.0000  | 48               | 5,548,802                             | 0        | 0.0000  |
| 1999 ....           | 48               | 79,037                                 | 0                     | 0.0000  | 48               | 5,516,096                             | 0        | 0.0000  |
| 2000 ....           | 48               | 79,407                                 | 0                     | 0.0000  | 48               | 4,956,140                             | 0        | 0.0000  |
| 2001 ....           | 48               | 79,397                                 | 0                     | 0.0000  | 48               | 5,408,561                             | 0        | 0.0000  |
| 2002 ....           | 48               | 76,868                                 | 0                     | 0.0000  | 48               | 5,733,250                             | 0        | 0.0000  |

<sup>1</sup> Number of reacting birds and percent of birds tested. Testing year starting July 1, 1989.

APHIS, Veterinary Services, (770) 922-3496.

**Table 8-57.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1995–2004**

| Year                    | Production            | Commercial storage at beginning of year | Exports               | Commercial storage at end of year | Consumption           |               |
|-------------------------|-----------------------|---|-----------------------|-----------------------------------|-----------------------|---------------|
|                         |                       |   |                       |                                   | Total <sup>1 2</sup>  | Per capita    |
|                         | <i>Million pounds</i> | <i>Million pounds</i>                   | <i>Million pounds</i> | <i>Million pounds</i>             | <i>Million pounds</i> | <i>Pounds</i> |
| 1995 .....              | 5,069                 | 254                                     | 348                   | 271                               | 4,706                 | 17.9          |
| 1996 .....              | 5,401                 | 271                                     | 438                   | 328                               | 4,906                 | 18.2          |
| 1997 .....              | 5,412                 | 328                                     | 606                   | 415                               | 4,720                 | 17.3          |
| 1998 .....              | 5,215                 | 415                                     | 446                   | 304                               | 4,880                 | 17.7          |
| 1999 .....              | 5,230                 | 304                                     | 378                   | 254                               | 4,902                 | 17.5          |
| 2000 .....              | 5,333                 | 254                                     | 445                   | 241                               | 4,902                 | 17.4          |
| 2001 .....              | 5,489                 | 241                                     | 487                   | 241                               | 5,004                 | 17.5          |
| 2002 .....              | 5,638                 | 241                                     | 439                   | 333                               | 5,108                 | 17.7          |
| 2003 <sup>3</sup> ..... | 5,676                 | 333                                     | 486                   | 353                               | 5,067                 | 17.4          |
| 2004 <sup>4</sup> ..... | 5,586                 | 353                                     | 510                   | 325                               | 5,104                 | 17.3          |

<sup>1</sup>Totals may not add due to rounding. <sup>2</sup>Shipments to territories now included in consumption. <sup>3</sup>Preliminary. <sup>4</sup>Forecast.

ERS, Animal Products Branch, (202) 694-5180.

**Table 8-58.—Turkeys: Production, and value, United States, 1993–2002**

| Year                    | Number raised <sup>1</sup> | Pounds (live weight) produced | Price per pound live weight | Value of production  |
|-------------------------|----------------------------|-------------------------------|-----------------------------|----------------------|
|                         | <i>Thousands</i>           | <i>1,000 pounds</i>           | <i>Cents</i>                | <i>1,000 dollars</i> |
| 1993 .....              | 287,650                    | 6,432,577                     | 39.0                        | 2,509,127            |
| 1994 .....              | 286,585                    | 6,540,295                     | 40.4                        | 2,643,057            |
| 1995 .....              | 292,356                    | 6,761,327                     | 41.0                        | 2,769,397            |
| 1996 .....              | 302,713                    | 7,222,834                     | 43.3                        | 3,124,496            |
| 1997 .....              | 301,251                    | 7,225,059                     | 39.9                        | 2,884,377            |
| 1998 .....              | 285,204                    | 7,050,944                     | 38.0                        | 2,679,301            |
| 1999 .....              | 270,494                    | 6,886,406                     | 40.8                        | 2,809,874            |
| 2000 .....              | 269,969                    | 6,942,809                     | 40.7                        | 2,822,736            |
| 2001 .....              | 272,059                    | 7,154,781                     | 39.0                        | 2,790,317            |
| 2002 <sup>2</sup> ..... | 272,429                    | 7,406,050                     | 36.5                        | 2,700,333            |

<sup>1</sup>Total poult hatched less death loss of poults and young turkeys during the year. <sup>2</sup>Preliminary. NASS, Livestock Branch, (202) 720-3570.

**Table 8-59.—Turkeys: Production and value, by State, 2002<sup>1</sup>**

| State                           | Number raised <sup>2</sup> | Pounds produced     | Price per pound <sup>3</sup> | Value of production  |
|---------------------------------|----------------------------|---------------------|------------------------------|----------------------|
|                                 | <i>1,000 head</i>          | <i>1,000 pounds</i> | <i>Dollars</i>               | <i>1,000 dollars</i> |
| AR .....                        | 29,500                     | 522,150             | 0.38                         | 198,417              |
| CA .....                        | 17,700                     | 438,960             | 0.36                         | 158,026              |
| CT .....                        | 7                          | 174                 | 1.27                         | 221                  |
| DE .....                        | 3                          | 94                  | 0.37                         | 35                   |
| IL .....                        | 2,900                      | 89,900              | 0.36                         | 32,364               |
| IN .....                        | 13,000                     | 403,000             | 0.36                         | 145,080              |
| IA .....                        | 6,800                      | 211,480             | 0.36                         | 76,133               |
| MD .....                        | 435                        | 14,181              | 0.37                         | 5,247                |
| MA .....                        | 68                         | 1,686               | 1.50                         | 2,529                |
| MI .....                        | 4,800                      | 179,520             | 0.35                         | 62,832               |
| MN .....                        | 44,000                     | 1,148,400           | 0.36                         | 413,424              |
| MO .....                        | 25,500                     | 782,850             | 0.36                         | 281,826              |
| NH .....                        | 5                          | 124                 | 1.59                         | 197                  |
| NJ .....                        | 34                         | 697                 | 0.79                         | 551                  |
| NY .....                        | 520                        | 12,220              | 0.37                         | 4,521                |
| NC .....                        | 45,500                     | 1,160,250           | 0.37                         | 429,293              |
| ND .....                        | 1,900                      | 49,590              | 0.33                         | 16,365               |
| OH .....                        | 5,400                      | 207,360             | 0.35                         | 72,576               |
| PA .....                        | 9,900                      | 233,640             | 0.39                         | 91,120               |
| SC .....                        | 9,900                      | 369,270             | 0.37                         | 136,630              |
| SD .....                        | 4,800                      | 158,880             | 0.35                         | 55,608               |
| VT .....                        | 46                         | 1,141               | 1.37                         | 1,563                |
| VA .....                        | 20,000                     | 446,000             | 0.37                         | 165,020              |
| WV .....                        | 3,600                      | 80,280              | 0.37                         | 29,704               |
| Other States <sup>4</sup> ..... | 26,111                     | 894,203             | 0.36                         | 321,051              |
| US .....                        | 272,429                    | 7,406,050           | 0.365                        | 2,700,333            |

<sup>1</sup>Preliminary. <sup>2</sup>Based on turkeys placed Sep. 1, 2000, through Aug. 31, 2001. Excludes young turkeys lost. <sup>3</sup>Live weight equivalent price. <sup>4</sup>CO, KS, NE, OK, OR, TX, UT, and WI combined to avoid disclosing individual operations. NASS, Livestock Branch, (202) 720-3570.

**Table 8-60.—Turkeys: Poults placed by commercial hatcheries, United States, 1993–2002**

| Year       | Total all breeds |
|------------|------------------|
|            | <i>Thousands</i> |
| 1993 ..... | 308,871          |
| 1994 ..... | 317,468          |
| 1995 ..... | 321,651          |
| 1996 ..... | 327,213          |
| 1997 ..... | 321,487          |
| 1998 ..... | 297,798          |
| 1999 ..... | 296,106          |
| 2000 ..... | 297,299          |
| 2001 ..... | 301,559          |
| 2002 ..... | 297,051          |

NASS, Livestock Branch, (202) 720-3570.

**Table 8-61.—Turkeys: Poults placed by commercial hatcheries, U.S. and regions, Monthly, 2001 and 2002**

| Month       | United States    |                  |                         | 2002               |                    |                          |                  |                  |
|-------------|------------------|------------------|-------------------------|--------------------|--------------------|--------------------------|------------------|------------------|
|             | 2001             | 2002             | 2002 as percent of 2001 | East North Central | West North Central | North and South Atlantic | South Central    | West             |
|             | <i>Thousands</i> | <i>Thousands</i> | <i>Per cent</i>         | <i>Thousands</i>   | <i>Thousands</i>   | <i>Thousands</i>         | <i>Thousands</i> | <i>Thousands</i> |
| All breeds: |                  |                  |                         |                    |                    |                          |                  |                  |
| Jan .....   | 25,612           | 25,880           | 101                     | 3,788              | 9,073              | 8,753                    | 2,580            | 1,686            |
| Feb .....   | 23,775           | 24,266           | 102                     | 3,557              | 8,939              | 7,247                    | 2,496            | 2,027            |
| Mar .....   | 26,148           | 25,746           | 98                      | 3,654              | 9,192              | 8,143                    | 2,312            | 2,445            |
| Apr .....   | 25,858           | 26,184           | 101                     | 3,907              | 9,525              | 7,833                    | 2,622            | 2,297            |
| May .....   | 26,682           | 25,551           | 96                      | 4,095              | 9,499              | 6,978                    | 2,762            | 2,217            |
| June .....  | 26,121           | 24,409           | 93                      | 3,793              | 8,834              | 6,362                    | 2,563            | 2,857            |
| July .....  | 27,064           | 25,646           | 95                      | 3,942              | 9,016              | 7,744                    | 2,261            | 2,683            |
| Aug .....   | 25,032           | 24,924           | 100                     | 3,935              | 8,864              | 7,374                    | 2,428            | 2,323            |
| Sept .....  | 22,414           | 22,670           | 101                     | 3,487              | 8,475              | 6,581                    | 2,116            | 2,011            |
| Oct .....   | 24,128           | 23,811           | 99                      | 3,853              | 9,082              | 7,536                    | 2,003            | 1,337            |
| Nov .....   | 24,226           | 23,987           | 99                      | 3,634              | 8,788              | 7,470                    | 2,426            | 1,669            |
| Dec .....   | 24,499           | 23,977           | 98                      | 3,653              | 8,929              | 7,907                    | 1,877            | 1,611            |
| Total ..... | 301,559          | 297,051          | 99                      | 45,298             | 108,216            | 89,928                   | 28,446           | 25,163           |

NASS, Livestock Branch, (202) 720-3570.

**Table 8-62.—Eggs: Number of layers and pullets, rate of lay, and production, by State and United States, 2002 and 2003<sup>1</sup>**

| State                      | Average number of layers during year |                  | Rate of lay per layer during year <sup>2</sup> |               | Eggs produced   |                 |
|----------------------------|--------------------------------------|------------------|--|---------------|-----------------|-----------------|
|                            | 2002                                 | 2003             | 2002   | 2003          | 2002            | 2003            |
|                            | <i>Thousands</i>                     | <i>Thousands</i> | <i>Number</i>                                  | <i>Number</i> | <i>Millions</i> | <i>Millions</i> |
| AL .....                   | 10,173                               | 9,699            | 224  | 226           | 2,281           | 2,190           |
| AR .....                   | 14,825                               | 15,097           | 225  | 224           | 3,333           | 3,384           |
| CA .....                   | 24,147                               | 20,831           | 259  | 261           | 6,252           | 5,439           |
| CO .....                   | 3,736                                | 3,854            | 270  | 278           | 1,008           | 1,073           |
| CT .....                   | 3,106                                | 2,923            | 276  | 272           | 856             | 795             |
| FL .....                   | 10,631                               | 10,763           | 257  | 261           | 2,731           | 2,804           |
| GA .....                   | 20,473                               | 20,442           | 243  | 247           | 4,967           | 5,047           |
| HI .....                   | 539                                  | 507              | 218  | 231           | 117.5           | 117.2           |
| IL .....                   | 3,431                                | 3,605            | 260  | 270           | 893             | 973             |
| IN .....                   | 22,435                               | 22,729           | 266  | 266           | 5,973           | 6,035           |
| IA .....                   | 37,664                               | 39,142           | 268  | 267           | 10,092          | 10,446          |
| ME .....                   | 4,146                                | 4,221            | 261  | 266           | 1,080           | 1,121           |
| MD .....                   | 3,301                                | 2,961            | 279  | 275           | 921             | 813             |
| MI .....                   | 7,118                                | 7,071            | 265  | 267           | 1,883           | 1,891           |
| MN .....                   | 11,729                               | 11,184           | 266  | 265           | 3,124           | 2,962           |
| MS .....                   | 6,795                                | 6,806            | 234  | 235           | 1,588           | 1,599           |
| MO .....                   | 6,923                                | 6,833            | 265  | 272           | 1,837           | 1,859           |
| NE .....                   | 11,594                               | 11,746           | 257  | 266           | 2,977           | 3,126           |
| NY .....                   | 3,887                                | 3,659            | 283  | 286           | 1,100           | 1,048           |
| NC .....                   | 11,045                               | 10,809           | 228  | 233           | 2,518           | 2,523           |
| OH .....                   | 30,479                               | 29,474           | 261  | 259           | 7,940           | 7,642           |
| OK .....                   | 4,173                                | 4,126            | 228  | 226           | 951             | 933             |
| OR .....                   | 2,750                                | 2,862            | 276  | 274           | 760             | 783             |
| PA .....                   | 23,641                               | 24,518           | 276  | 275           | 6,520           | 6,754           |
| SC .....                   | 5,372                                | 5,325            | 257  | 258           | 1,380           | 1,373           |
| SD .....                   | 2,335                                | 2,893            | 243  | 263           | 568             | 761             |
| TX .....                   | 18,608                               | 18,519           | 257  | 256           | 4,774           | 4,745           |
| VA .....                   | 3,134                                | 3,192            | 234  | 233           | 734             | 744             |
| WA .....                   | 5,166                                | 4,916            | 265  | 266           | 1,369           | 1,307           |
| WI .....                   | 4,272                                | 4,176            | 271  | 272           | 1,158           | 1,137           |
| 30 Sts .....               | 317,624                              | 314,883          | 257  | 259           | 81,686          | 81,425          |
| ID .....                   | 886                                  | 862              | 273  | 282           | 242             | 243             |
| KY .....                   | 4,019                                | 4,659            | 234  | 241           | 940             | 1,122           |
| LA .....                   | 1,982                                | 1,960            | 249  | 249           | 494             | 487             |
| MA .....                   | 269                                  | 251              | 297  | 291           | 80              | 73              |
| MT .....                   | 341                                  | 355              | 305  | 301           | 104             | 107             |
| NH .....                   | 159                                  | 148              | 303  | 291           | 48              | 43              |
| NJ .....                   | 1,994                                | 1,972            | 268  | 282           | 534             | 556             |
| TN .....                   | 1,354                                | 1,311            | 222  | 221           | 300             | 290             |
| UT .....                   | 3,342                                | 3,340            | 267  | 259           | 894             | 866             |
| VT .....                   | 197                                  | 180              | 296  | 294           | 59              | 53              |
| WV .....                   | 1,219                                | 1,226            | 214  | 220           | 261             | 270             |
| WY .....                   | 12                                   | 12               | 300  | 300           | 3.6             | 3.6             |
| Oth Sts <sup>3</sup> ..... | 5,627                                | 61,002           | 273  | 272           | 1,537           | 1,660           |
| US <sup>4</sup> .....      | 339,024                              | 337,262          | 257  | 259           | 87,179          | 87,196          |

<sup>1</sup> Annual production estimates for eggs reported on Dec. 1 through Nov. 30 marketing year. <sup>2</sup> Number of eggs produced during the year divided by average of layers hand during the year. <sup>3</sup> AK, AZ, DE, KS, NV, NM, ND, and RI combined to avoid disclosure of individual operations. <sup>4</sup> Sum of States may not add to U.S. total due to rounding.

**Table 8-63.—Eggs: Number, rate of lay, production, and value, United States, 1994–2003<sup>1</sup>**

| Year                    | Layers average number during year | Rate of lay per layer during year <sup>2</sup> | Eggs, total produced | Price per dozen | Value of production  |
|-------------------------|-----------------------------------|--|----------------------|-----------------|----------------------|
|                         | <i>Thousands</i>                  | <i>Number</i>                                  | <i>Millions</i>      | <i>Dollars</i>  | <i>1,000 dollars</i> |
| 1994 .....              | 291,035                           | 254  | 73,903               | 0.615           | 3,789,834            |
| 1995 .....              | 294,350                           | 254  | 74,764               | 0.625           | 3,892,912            |
| 1996 .....              | 298,270                           | 256  | 76,377               | 0.750           | 4,776,252            |
| 1997 .....              | 303,604                           | 255  | 77,532               | 0.703           | 4,539,929            |
| 1998 .....              | 312,035                           | 255  | 79,690               | 0.668           | 4,439,446            |
| 1999 .....              | 322,354                           | 257  | 82,715               | 0.627           | 4,322,589            |
| 2000 .....              | 327,985                           | 257  | 84,386               | 0.618           | 4,345,879            |
| 2001 .....              | 335,012                           | 256  | 85,745               | 0.622           | 4,444,864            |
| 2002 .....              | 339,024                           | 257  | 87,179               | 0.590           | 4,262,662            |
| 2003 <sup>3</sup> ..... | 337,262                           | 259  | 87,196               | NA              | NA                   |

<sup>1</sup> Annual production estimates for eggs reported on Dec. 1 through Nov. 30 marketing year. <sup>2</sup> Number of eggs produced during the year divided by the average of layers on hand during the year. <sup>3</sup> Preliminary. NA-not available.  
NASS, Livestock Branch, (202) 720-3570.

**Table 8-64.—Eggs: Production and value, by States, 2001–2002<sup>1</sup>**

| State                           | Eggs produced   |                 | Price per dozen <sup>2</sup> |                | Value of production  |                      |
|---------------------------------|-----------------|-----------------|------------------------------|----------------|----------------------|----------------------|
|                                 | 2001            | 2002            | 2001                         | 2002           | 2001                 | 2002                 |
|                                 | <i>Millions</i> | <i>Millions</i> | <i>Dollars</i>               | <i>Dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| AL .....                        | 2,359           | 2,281           | 1.350                        | 1.560          | 265,388              | 296,530              |
| AR .....                        | 3,431           | 3,329           | 1.060                        | 1.070          | 303,072              | 296,836              |
| CA .....                        | 5,998           | 6,124           | 0.472                        | 0.392          | 235,921              | 200,051              |
| CO .....                        | 946             | 1,008           | 0.612                        | 0.591          | 48,246               | 49,644               |
| CT .....                        | 884             | 855             | 0.568                        | 0.520          | 41,819               | 37,050               |
| DE .....                        | 369             | 347             | 0.676                        | 0.606          | 20,787               | 17,524               |
| FL .....                        | 2,737           | 2,731           | 0.536                        | 0.479          | 122,253              | 109,012              |
| GA .....                        | 5,086           | 4,961           | 0.868                        | 0.861          | 367,887              | 355,952              |
| HI .....                        | 129.4           | 117.5           | 0.894                        | 0.891          | 9,640                | 8,724                |
| ID .....                        | 251             | 893             | 0.586                        | 0.576          | 12,257               | 11,616               |
| IL .....                        | 888             | 893             | 0.486                        | 0.442          | 35,964               | 32,882               |
| IN .....                        | 6,025           | 5,973           | 0.515                        | 0.479          | 258,573              | 238,422              |
| IA .....                        | 8,691           | 9,910           | 0.390                        | 0.343          | 282,458              | 283,261              |
| KY .....                        | 933             | 921             | 0.935                        | 0.801          | 72,696               | 61,477               |
| LA .....                        | 480             | 494             | 0.793                        | 0.817          | 31,720               | 33,633               |
| ME .....                        | 1,100           | 1,079           | 0.618                        | 0.591          | 56,650               | 53,136               |
| MD .....                        | 870             | 894             | 0.607                        | 0.565          | 44,008               | 42,092               |
| MA .....                        | 80              | 80              | 0.657                        | 0.630          | 4,380                | 4,200                |
| MI .....                        | 1,677           | 1,771           | 0.437                        | 0.403          | 61,063               | 59,459               |
| MN .....                        | 3,112           | 3,124           | 0.435                        | 0.408          | 112,810              | 106,216              |
| MS .....                        | 1,550           | 1,588           | 1.260                        | 1.240          | 162,750              | 164,093              |
| MO .....                        | 1,789           | 1,837           | 0.507                        | 0.497          | 75,585               | 76,082               |
| MT .....                        | 95              | 104             | 0.410                        | 0.460          | 3,246                | 3,987                |
| NE .....                        | 3,001           | 2,977           | 0.382                        | 0.341          | 95,532               | 84,596               |
| NH .....                        | 43              | 46              | 0.851                        | 0.783          | 3,021                | 2,975                |
| NJ .....                        | 556             | 533             | 0.531                        | 0.512          | 24,603               | 22,741               |
| NY .....                        | 1,143           | 1,100           | 0.567                        | 0.489          | 54,007               | 44,825               |
| NC .....                        | 2,535           | 2,518           | 1.100                        | 1.090          | 232,375              | 228,718              |
| OH .....                        | 7,900           | 7,940           | 0.491                        | 0.447          | 323,242              | 295,765              |
| OK .....                        | 926             | 951             | 0.843                        | 0.832          | 65,052               | 65,936               |
| OR .....                        | 818             | 760             | 0.600                        | 0.514          | 40,900               | 33,947               |
| PA .....                        | 6,662           | 6,520           | 0.547                        | 0.514          | 303,676              | 279,273              |
| SC .....                        | 1,416           | 1,380           | 0.674                        | 0.626          | 79,532               | 71,990               |
| SD .....                        | 575             | 568             | 0.350                        | 0.332          | 16,771               | 15,715               |
| TN .....                        | 294             | 300             | 1.300                        | 1.240          | 31,850               | 31,000               |
| TX .....                        | 4,734           | 4,774           | 0.677                        | 0.687          | 267,077              | 273,312              |
| UT .....                        | 865             | 894             | 0.440                        | 0.420          | 31,717               | 31,290               |
| VT .....                        | 61              | 59              | 0.629                        | 0.623          | 3,213                | 3,037                |
| VA .....                        | 766             | 734             | 0.961                        | 0.988          | 61,344               | 60,433               |
| WA .....                        | 1,339           | 1,369           | 0.560                        | 0.486          | 62,501               | 55,445               |
| WV .....                        | 235             | 261             | 1.410                        | 1.400          | 27,612               | 30,450               |
| WI .....                        | 1,235           | 1,158           | 0.500                        | 0.511          | 51,458               | 49,312               |
| WY .....                        | 3.6             | 3.6             | 0.560                        | 0.486          | 168                  | 146                  |
| Other States <sup>3</sup> ..... | 1,155           | 1,189           | 0.359                        | 0.335          | 41,488               | 39,867               |
| US <sup>4</sup> .....           | 85,745          | 86,698          | 0.622                        | 0.590          | 4,446,312            | 4,262,662            |

<sup>1</sup> Estimates cover the 12-month period Dec. 1, previous year through Nov. 30. <sup>2</sup> Average mid-month price of all eggs sold by producers including hatching eggs. <sup>3</sup> AK, AZ, KS, ND, NM, NV, and RI combined to avoid disclosure of individual operations. <sup>4</sup> Sum of States may not add to U.S. total due to rounding.

NASS, Livestock Branch, (202) 720-3570.

**Table 8-65.—Eggs: Supply, distribution, and per capita consumption, United States, 1995–2004<sup>1</sup>**

| Year                    | Total egg production | Storage at beginning of the year <sup>1</sup> | Imports <sup>2</sup> | Exports <sup>2</sup> | Eggs used for hatching | Consumption                             |                      |               |
|-------------------------|----------------------|---|----------------------|----------------------|------------------------|---|----------------------|---------------|
|                         |                      |   |                      |                      |                        | Storage at end of the year <sup>2</sup> | Total <sup>3</sup>   | Per capita    |
|                         | <i>Million dozen</i> | <i>Million dozen</i>                          | <i>Million dozen</i> | <i>Million dozen</i> | <i>Million dozen</i>   | <i>Million dozen</i>                    | <i>Million dozen</i> | <i>Number</i> |
| 1995 .....              | 6,231                | 15  | 4                    | 209                  | 847                    | 11                                      | 5,182                | 236           |
| 1996 .....              | 6,378                | 11  | 5                    | 253                  | 865                    | 9                                       | 5,269                | 235           |
| 1997 .....              | 6,473                | 9   | 7                    | 228                  | 895                    | 7                                       | 5,359                | 236           |
| 1998 .....              | 6,658                | 7   | 6                    | 219                  | 922                    | 8                                       | 5,522                | 240           |
| 1999 .....              | 6,912                | 8   | 7                    | 162                  | 943                    | 8                                       | 5,817                | 250           |
| 2000 .....              | 7,034                | 8   | 8                    | 171                  | 941                    | 11                                      | 5,927                | 252           |
| 2001 .....              | 7,152                | 11  | 9                    | 190                  | 960                    | 10                                      | 6,013                | 253           |
| 2002 .....              | 7,266                | 10  | 15                   | 174                  | 964                    | 10                                      | 6,146                | 256           |
| 2003 <sup>4</sup> ..... | 7,274                | 10  | 13                   | 150                  | 959                    | 10                                      | 6,175                | 254           |
| 2004 <sup>5</sup> ..... | 7,372                | 14  | 12                   | 160                  | 980                    | 12                                      | 6,175                | 254           |

<sup>1</sup> Calendar years. <sup>2</sup> Shell eggs and the approximate shell-egg equivalent of egg product. <sup>3</sup> Shipments to territories now included in total consumption. <sup>4</sup> Preliminary. <sup>5</sup> Forecast.  
ERS, Animal Products Branch, (202) 694-5180.

**Table 8-66.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1994–2003**

| Year       | Large        |
|------------|--------------|
|            | <i>Cents</i> |
| 1994 ..... | 67.23        |
| 1995 ..... | 67.26        |
| 1996 ..... | 73.00        |
| 1997 ..... | 81.21        |
| 1998 ..... | 75.80        |
| 1999 ..... | 65.60        |
| 2000 ..... | 68.90        |
| 2001 ..... | 67.14        |
| 2002 ..... | 67.06        |
| 2003 ..... | 87.91        |

AMS, Poultry Division, Market News Branch, (202) 720-6911.

**Table 8-67.—Eggs: Broken under Federal inspection, United States, 2002–2003**

| Item                                   | Quantity                        |                                 |
|--|---------------------------------|---------------------------------|
|  | 2002                            | 2003                            |
| Shell eggs broken .....                | <i>1,000 dozen</i><br>1,883,204 | <i>1,000 dozen</i><br>1,828,011 |
| Edible liquid from shell eggs broken:  | <i>1,000 pounds</i>             | <i>1,000 pounds</i>             |
| Whole .....                            | 1,471,215                       | 1,493,111                       |
| White .....                            | 588,079                         | 548,345                         |
| Yolk .....                             | 320,374                         | 292,602                         |
| Total .....                            | 2,379,668                       | 2,334,058                       |
| Inedible liquid from shell eggs broken | 230,200                         | 215,850                         |

NASS, Livestock Branch, (202) 720-3570.

**Table 8-68.—Poultry and poultry products: Cold storage holdings, end of month, United States, 2002 and 2003**

| Month           | Frozen eggs         |                     |                     |                     |                     |                     |                     |                     |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                 | Whites              |                     | Yolks               |                     | Whole & mixed       |                     | Unclassified        |                     |
|                 | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                 | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....   | 2,001               | 1,818               | 630                 | 924                 | 6,835               | 8,778               | 3,669               | 3,820               |
| February .....  | 2,204               | 2,571               | 1,036               | 1,169               | 7,282               | 9,463               | 3,381               | 3,924               |
| March .....     | 1,561               | 2,519               | 906                 | 1,409               | 6,260               | 9,765               | 2,942               | 3,262               |
| April .....     | 1,514               | 2,433               | 979                 | 1,078               | 4,572               | 8,883               | 3,182               | 3,349               |
| May .....       | 1,998               | 2,664               | 840                 | 815                 | 4,956               | 10,548              | 3,300               | 3,672               |
| June .....      | 1,675               | 2,659               | 819                 | 897                 | 6,397               | 10,725              | 3,829               | 3,670               |
| July .....      | 1,863               | 2,684               | 1,015               | 1,155               | 6,414               | 11,104              | 3,651               | 3,627               |
| August .....    | 2,192               | 2,680               | 923                 | 1,006               | 6,528               | 11,195              | 3,535               | 3,163               |
| September ..... | 1,719               | 2,657               | 865                 | 1,044               | 7,037               | 10,374              | 3,577               | 2,565               |
| October .....   | 1,835               | 2,653               | 628                 | 1,050               | 6,973               | 9,916               | 3,649               | 3,235               |
| November .....  | 1,736               | 2,654               | 514                 | 843                 | 5,913               | 8,290               | 3,036               | 3,122               |
| December .....  | 2,316               | 2,972               | 478                 | 1,242               | 7,467               | 10,805              | 3,264               | 3,017               |

  

| Month           | Frozen eggs, total  |                     | Frozen chicken      |                     |                     |                     |                        |                     |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------------|---------------------|
|                 | 2002                | 2003                | Broilers (Whole)    |                     | Hens                |                     | Breast and breast meat |                     |
|                 |                     |                     | 2002                | 2003                | 2002                | 2003                | 2002 <sup>1</sup>      | 2003                |
|                 | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>    | <i>1,000 pounds</i> |
| January .....   | 13,135              | 15,340              | 24,716              | 25,663              | 6,449               | 4,547               | .....                  | .....               |
| February .....  | 13,903              | 17,127              | 26,981              | 24,413              | 4,076               | 4,465               | .....                  | .....               |
| March .....     | 11,669              | 16,955              | 29,307              | 22,710              | 4,924               | 5,501               | .....                  | .....               |
| April .....     | 10,247              | 15,743              | 30,334              | 29,451              | 4,260               | 4,757               | .....                  | .....               |
| May .....       | 11,094              | 17,699              | 34,544              | 30,844              | 6,885               | 4,980               | .....                  | 112,282             |
| June .....      | 12,720              | 17,951              | 34,326              | 29,920              | 7,081               | 3,511               | .....                  | 105,171             |
| July .....      | 12,943              | 18,570              | 36,230              | 32,460              | 7,851               | 3,740               | .....                  | 103,058             |
| August .....    | 13,178              | 18,044              | 33,700              | 34,819              | 6,248               | 5,726               | .....                  | 98,154              |
| September ..... | 13,198              | 16,640              | 34,370              | 30,854              | 6,293               | 5,196               | .....                  | 92,054              |
| October .....   | 13,085              | 16,854              | 33,168              | 29,846              | 6,067               | 4,391               | .....                  | 94,540              |
| November .....  | 11,199              | 14,909              | 31,590              | 23,657              | 5,767               | 3,672               | .....                  | 100,207             |
| December .....  | 13,525              | 18,036              | 26,421              | 24,030              | 5,420               | 3,202               | .....                  | 101,903             |

  

| Month           | Frozen chicken      |                     |                     |                     |                     |                     |                          |                     |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------------|---------------------|
|                 | Drumsticks          |                     | Leg quarters        |                     | Legs                |                     | Thigh and thigh quarters |                     |
|                 | 2002 <sup>1</sup>   | 2003                | 2002 <sup>1</sup>   | 2003                | 2002 <sup>1</sup>   | 2003                | 2002 <sup>1</sup>        | 2003                |
|                 | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>      | <i>1,000 pounds</i> |
| January .....   | .....               | .....               | .....               | .....               | .....               | .....               | .....                    | .....               |
| February .....  | .....               | .....               | .....               | .....               | .....               | .....               | .....                    | .....               |
| March .....     | .....               | .....               | .....               | .....               | .....               | .....               | .....                    | .....               |
| April .....     | .....               | .....               | .....               | .....               | .....               | .....               | .....                    | .....               |
| May .....       | .....               | 15,253              | .....               | 71,977              | .....               | 10,845              | .....                    | 6,243               |
| June .....      | .....               | 15,368              | .....               | 83,302              | .....               | 11,567              | .....                    | 6,406               |
| July .....      | .....               | 12,362              | .....               | 67,957              | .....               | 13,062              | .....                    | 6,491               |
| August .....    | .....               | 15,618              | .....               | 69,656              | .....               | 12,934              | .....                    | 7,698               |
| September ..... | .....               | 12,327              | .....               | 85,960              | .....               | 9,503               | .....                    | 3,861               |
| October .....   | .....               | 10,857              | .....               | 88,445              | .....               | 12,515              | .....                    | 3,295               |
| November .....  | .....               | 9,741               | .....               | 65,006              | .....               | 10,100              | .....                    | 5,340               |
| December .....  | .....               | 9,847               | .....               | 85,046              | .....               | 15,339              | .....                    | 5,066               |

  

| Month           | Frozen chicken      |                     |                     |                     |                     |                     |                     |                     |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                 | Thigh meat          |                     | Wings               |                     | Paws and feet       |                     | Other chicken       |                     |
|                 | 2002 <sup>1</sup>   | 2003                | 2002 <sup>1</sup>   | 2003                | 2002 <sup>1</sup>   | 2003                | 2002 <sup>1</sup>   | 2003                |
|                 | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....   | .....               | .....               | .....               | .....               | .....               | .....               | 693,414             | .....               |
| February .....  | .....               | .....               | .....               | .....               | .....               | .....               | 705,238             | .....               |
| March .....     | .....               | .....               | .....               | .....               | .....               | .....               | 774,373             | .....               |
| April .....     | .....               | .....               | .....               | .....               | .....               | .....               | 817,836             | .....               |
| May .....       | .....               | 17,170              | .....               | 36,435              | .....               | 10,230              | 795,538             | 370,982             |
| June .....      | .....               | 14,892              | .....               | 31,314              | .....               | 10,139              | 814,009             | 341,669             |
| July .....      | .....               | 13,730              | .....               | 33,850              | .....               | 10,583              | 825,145             | 338,297             |
| August .....    | .....               | 14,381              | .....               | 30,273              | .....               | 10,958              | 784,073             | 317,481             |
| September ..... | .....               | 13,120              | .....               | 30,988              | .....               | 8,650               | 794,762             | 311,988             |
| October .....   | .....               | 14,564              | .....               | 31,128              | .....               | 9,562               | 822,049             | 301,521             |
| November .....  | .....               | 18,872              | .....               | 29,757              | .....               | 7,792               | 763,066             | 295,124             |
| December .....  | .....               | 23,384              | .....               | 23,417              | .....               | 11,442              | 736,243             | 308,796             |

See footnotes at end of table.

**Table 8-68.—Poultry and poultry products: Cold storage holdings, end of month, United States, 2002 and 2003—Continued**

| Month          | Frozen chicken, total |                     | Frozen turkey       |                     |                     |                     |                     |                     |
|----------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | 2002                  | 2003                | Toms                |                     | Hens                |                     | Total whole         |                     |
|                |                       |                     | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i>   | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 724,579               | 722,477             | 84,826              | 96,013              | 52,298              | 64,492              | 137,124             | 160,505             |
| February ..... | 736,295               | 672,785             | 117,250             | 117,842             | 83,929              | 77,967              | 201,179             | 195,809             |
| March .....    | 808,604               | 641,983             | 126,315             | 148,305             | 95,572              | 88,856              | 221,887             | 237,161             |
| April .....    | 852,430               | 732,015             | 146,752             | 159,329             | 114,196             | 101,801             | 260,948             | 261,130             |
| May .....      | 836,967               | 687,241             | 159,553             | 184,323             | 141,343             | 115,674             | 300,896             | 299,997             |
| June .....     | 855,416               | 653,259             | 177,789             | 213,287             | 162,639             | 130,550             | 340,428             | 343,837             |
| July .....     | 869,226               | 635,590             | 196,773             | 225,010             | 169,506             | 150,094             | 366,279             | 375,104             |
| August .....   | 824,021               | 617,698             | 180,685             | 226,058             | 163,528             | 148,852             | 344,213             | 374,910             |
| September ...  | 835,425               | 604,501             | 194,953             | 227,232             | 159,630             | 151,743             | 354,583             | 378,975             |
| October .....  | 861,284               | 600,664             | 179,724             | 198,937             | 131,549             | 129,253             | 311,273             | 328,190             |
| November ....  | 800,423               | 569,268             | 45,638              | 77,054              | 47,060              | 54,266              | 92,698              | 131,320             |
| December ....  | 768,084               | 611,472             | 41,324              | 75,818              | 40,552              | 47,536              | 81,876              | 123,354             |

  

| Month          | Other               |                     | Total               |                     | Frozen ducks        |                     | Total frozen poultry |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
|                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                | 2002                 | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>  | <i>1,000 pounds</i> |
| January .....  | 189,932             | 291,369             | 327,056             | 451,874             | 6,462               | 5,222               | 1,058,097            | 1,179,573           |
| February ..... | 212,064             | 296,928             | 413,243             | 492,737             | 6,575               | 5,135               | 1,156,113            | 1,170,657           |
| March .....    | 235,678             | 312,117             | 457,565             | 549,278             | 6,162               | 5,835               | 1,272,331            | 1,197,096           |
| April .....    | 254,241             | 312,336             | 515,189             | 573,466             | 6,436               | 6,043               | 1,374,055            | 1,311,524           |
| May .....      | 277,333             | 358,842             | 578,229             | 658,839             | 7,006               | 5,995               | 1,422,202            | 1,352,075           |
| June .....     | 303,672             | 374,375             | 644,100             | 718,212             | 6,784               | 6,115               | 1,506,300            | 1,377,586           |
| July .....     | 339,915             | 347,439             | 706,194             | 722,543             | 7,173               | 5,034               | 1,582,593            | 1,363,167           |
| August .....   | 341,408             | 331,592             | 685,621             | 706,502             | 7,654               | 4,064               | 1,517,296            | 1,328,264           |
| September ...  | 317,799             | 268,560             | 672,382             | 647,535             | 7,692               | 2,924               | 1,515,499            | 1,254,960           |
| October .....  | 313,667             | 254,493             | 624,940             | 582,683             | 8,875               | 2,690               | 1,495,099            | 1,186,037           |
| November ....  | 241,641             | 219,348             | 334,339             | 350,668             | 7,551               | 1,831               | 1,142,313            | 921,767             |
| December ....  | 251,171             | 230,685             | 333,047             | 354,039             | 6,398               | 1,192               | 1,107,529            | 966,703             |

NASS, Livestock Branch, (202) 720-3570.



**Table 8-69.—Dairy products: Cold storage holdings, end of month, United States, 2002 and 2003**

| Month          | Butter              |                     | American cheese     |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|
|                | 2002                | 2003                | 2002                | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 99,200              | 204,828             | 459,707             | 514,914             |
| February ..... | 130,124             | 239,879             | 491,147             | 538,833             |
| March .....    | 145,160             | 244,958             | 498,290             | 530,798             |
| April .....    | 196,614             | 263,735             | 513,576             | 534,718             |
| May .....      | 226,849             | 297,959             | 536,080             | 538,513             |
| June .....     | 242,999             | 301,425             | 548,675             | 549,984             |
| July .....     | 245,298             | 283,879             | 573,368             | 552,455             |
| August .....   | 229,471             | 253,913             | 565,419             | 546,627             |
| September ...  | 209,112             | 207,175             | 512,887             | 516,845             |
| October .....  | 164,640             | 170,154             | 501,401             | 491,098             |
| November ....  | 135,632             | 122,544             | 474,055             | 467,226             |
| December ....  | 157,820             | 99,613              | 493,262             | 491,419             |

| Month          | Swiss cheese        |                     | Other natural cheese |                     |
|----------------|---------------------|---------------------|----------------------|---------------------|
|                | 2002                | 2003                | 2002                 | 2003                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>  | <i>1,000 pounds</i> |
| January .....  | 12,388              | 25,060              | 221,541              | 221,241             |
| February ..... | 12,711              | 23,151              | 216,463              | 208,024             |
| March .....    | 12,880              | 25,323              | 220,552              | 215,154             |
| April .....    | 15,729              | 25,801              | 236,327              | 220,586             |
| May .....      | 16,122              | 26,596              | 236,787              | 225,928             |
| June .....     | 14,782              | 26,042              | 234,099              | 224,072             |
| July .....     | 15,721              | 28,896              | 244,489              | 227,612             |
| August .....   | 14,250              | 22,172              | 221,829              | 225,416             |
| September ...  | 17,068              | 22,884              | 223,979              | 222,424             |
| October .....  | 18,927              | 22,044              | 200,064              | 209,264             |
| November ....  | 22,251              | 24,083              | 200,757              | 204,232             |
| December ....  | 21,784              | 26,237              | 215,015              | 206,730             |

| Month          | Total Natural cheese |                     |
|----------------|----------------------|---------------------|
|                | 2002                 | 2003                |
|                | <i>1,000 pounds</i>  | <i>1,000 pounds</i> |
| January .....  | 693,636              | 761,215             |
| February ..... | 720,321              | 770,008             |
| March .....    | 731,722              | 771,275             |
| April .....    | 765,632              | 781,105             |
| May .....      | 788,989              | 791,037             |
| June .....     | 797,556              | 800,098             |
| July .....     | 833,578              | 808,963             |
| August .....   | 801,498              | 794,215             |
| September ...  | 753,934              | 762,153             |
| October .....  | 720,392              | 722,406             |
| November ....  | 697,063              | 695,541             |
| December ....  | 730,061              | 724,386             |

NASS, Livestock Branch, (202) 720-3570.

## CHAPTER IX

### FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

**Table 9-1.—Economic trends: Data relating to agriculture, United States, 1993–2002**

| Year       | Prices paid by farmers <sup>1</sup>             |                                     | Prices received by farmers <sup>1</sup> | Farm income <sup>2</sup>       |                        |                        |
|------------|---|-------------------------------------|---|--------------------------------|------------------------|------------------------|
|            | Total including interest, taxes, and wage rates | Production items                    |   | Gross farm income <sup>6</sup> | Production expenses    | Net farm income        |
|            | <i>Index numbers</i><br>1990–92=100             | <i>Index numbers</i><br>1990–92=100 | <i>Index numbers</i><br>1990–92=100     | <i>Billion dollars</i>         | <i>Billion dollars</i> | <i>Billion dollars</i> |
| 1993 ..... | 103   | 104                                 | 101                                     | 205.0                          | 160.4                  | 44.7                   |
| 1994 ..... | 106   | 106                                 | 100                                     | 216.0                          | 167.2                  | 48.9                   |
| 1995 ..... | 109   | 108                                 | 102                                     | 210.9                          | 171.2                  | 39.7                   |
| 1996 ..... | 115   | 115                                 | 112                                     | 235.9                          | 178.1                  | 57.8                   |
| 1997 ..... | 118   | 119                                 | 107                                     | 238.3                          | 187.1                  | 51.3                   |
| 1998 ..... | 115   | 113                                 | 101                                     | 232.3                          | 186.0                  | 46.2                   |
| 1999 ..... | 115   | 111                                 | 96                                      | 234.5                          | 187.7                  | 46.8                   |
| 2000 ..... | 120   | 116                                 | 96                                      | 241.4                          | 193.6                  | 47.8                   |
| 2001 ..... | 124   | 120                                 | 102                                     | 248.4                          | 197.8                  | 50.6                   |
| 2002 ..... | 124   | 119                                 | 98                                      | 228.2                          | 192.8                  | 35.3                   |

| Year       | National income <sup>3</sup> | Personal income <sup>3</sup> | Industrial production <sup>4</sup> | Consumer prices all items <sup>5</sup> | Producer prices consumer foods <sup>5</sup> |
|------------|------------------------------|------------------------------|------------------------------------|--|---|
|            | <i>Billion dollars</i>       | <i>Billion dollars</i>       | <i>Index numbers</i><br>1997=100   | <i>Index numbers</i><br>1982–84=100    | <i>Index numbers</i><br>1982=100            |
| 1993 ..... | 5,773.4                      | 5,558.0                      | 80.8                               | 144.5                                  | 125.7                                       |
| 1994 ..... | 6,122.3                      | 5,842.5                      | 85.2                               | 148.2                                  | 126.8                                       |
| 1995 ..... | 6,453.9                      | 6,152.3                      | 89.3                               | 152.4                                  | 129.0                                       |
| 1996 ..... | 6,840.1                      | 6,520.6                      | 93.2                               | 156.9                                  | 133.6                                       |
| 1997 ..... | 7,292.2                      | 6,915.1                      | 100.0                              | 160.5                                  | 134.5                                       |
| 1998 ..... | 7,752.8                      | 7,423.0                      | 105.9                              | 163.0                                  | 134.3                                       |
| 1999 ..... | 8,236.7                      | 7,802.4                      | 110.6                              | 166.6                                  | 135.1                                       |
| 2000 ..... | 8,795.2                      | 8,429.7                      | 115.4                              | 172.2                                  | 137.2                                       |
| 2001 ..... | 8,981.2                      | 8,713.1                      | 111.5                              | 177.1                                  | 141.3                                       |
| 2002 ..... | 9,290.8                      | 8,910.3                      | 110.9                              | 179.9                                  | 140.1                                       |

<sup>1</sup> U.S. Department of Agriculture - NASS. <sup>2</sup> U.S. Department of Agriculture - ERS. <sup>3</sup> U.S. Department of Commerce, Bureau of Economic Analysis. <sup>4</sup> Federal Reserve Board. <sup>5</sup> U.S. Department of Labor, Bureau of Labor Statistics.

<sup>6</sup> Includes cash receipts from farm marketings, government payments, nonmoney income (gross rental value of dwelling and value of home consumption), other income (machine hire custom work and recreational income), and value of change in farm inventories.

ERS, Farm Structure Performance and Well Being Branch, (202) 694–5592. E mail contact is roger@ERS.USDA.gov. For National Income, Industrial Production and Price Indexes, Contact David Torgerson at (202) 694-5334. E mail contact is dtorg@ers.usda.gov.

**Table 9-2.—Farms: Number, land in farms, and average size of farm, U.S., 1994–2003<sup>1</sup>**

| Year                    | Farms <sup>2 3</sup> |  | Land in farms      |  | Average size farm |  |
|-------------------------|----------------------|--|--------------------|--|-------------------|--|
|                         | <i>Number</i>        |  | <i>1,000 acres</i> |  | <i>Acres</i>      |  |
| 1994 .....              | 2,197,690            |  | 965,935            |  | 440               |  |
| 1995 .....              | 2,196,400            |  | 962,515            |  | 438               |  |
| 1996 .....              | 2,190,500            |  | 958,675            |  | 438               |  |
| 1997 .....              | 2,190,510            |  | 956,010            |  | 436               |  |
| 1998 .....              | 2,192,330            |  | 952,080            |  | 434               |  |
| 1999 .....              | 2,187,280            |  | 948,460            |  | 434               |  |
| 2000 .....              | 2,166,780            |  | 945,080            |  | 436               |  |
| 2001 .....              | 2,148,630            |  | 942,070            |  | 438               |  |
| 2002 .....              | 2,135,360            |  | 940,300            |  | 440               |  |
| 2003 <sup>4</sup> ..... | 2,126,860            |  | 938,750            |  | 441               |  |

<sup>1</sup>The farm definition was changed in 1993 to include maple syrup, short rotation woody crops, and places with 5 or more horses. <sup>2</sup>A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. <sup>3</sup>Includes some accounting for individual farms on reservation land in AZ and NM from 1998 forward. <sup>4</sup>Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 9-3.—Farms: Percent of farms, land in farms, and average size, by economic sales class, United States, 2002–2003**

| Economic sales class      | Percent of total |                   |                |                   | Average size farm |                   |
|---------------------------|------------------|-------------------|----------------|-------------------|-------------------|-------------------|
|                           | Farms            |                   | Land           |                   | 2002              | 2003 <sup>1</sup> |
|                           | 2002             | 2003 <sup>1</sup> | 2002           | 2003 <sup>1</sup> |                   |                   |
|                           | <i>Percent</i>   | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i>    | <i>Acres</i>      | <i>Acres</i>      |
| \$1,000–\$2,499 .....     | 27.3             | 27.0              | 4.5            | 4.3               | 73                | 70                |
| \$2,500–\$4,999 .....     | 15.0             | 15.2              | 4.1            | 4.0               | 120               | 116               |
| \$5,000–\$9,999 .....     | 13.7             | 14.0              | 4.9            | 4.9               | 157               | 154               |
| \$10,000–\$24,999 .....   | 11.5             | 11.4              | 7.6            | 7.5               | 291               | 290               |
| \$25,000–\$49,999 .....   | 8.7              | 8.6               | 9.7            | 9.8               | 491               | 503               |
| \$50,000–\$99,999 .....   | 8.4              | 8.3               | 11.5           | 11.5              | 603               | 612               |
| \$100,000–\$249,999 ..... | 7.9              | 7.9               | 20.9           | 20.9              | 1,165             | 1,168             |
| \$250,000–\$499,999 ..... | 4.1              | 4.1               | 15.8           | 16.0              | 1,697             | 1,722             |
| \$500,000–\$999,999 ..... | 2.2              | 2.1               | 11.5           | 10.5              | 2,302             | 2,207             |
| \$1,000,000+ .....        | 1.2              | 1.4               | 9.5            | 10.6              | 3,486             | 3,342             |
| Total .....               | 100.0            | 100.0             | 100.0          | 100.0             | 440               | 441               |

<sup>1</sup> Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 9-4.—Number of farms: Economic sales class by region and United States, 2001–2003<sup>1</sup>**

| Region and year     | Economic Sales Class |                   |                     |                     |               | Total         |
|---------------------|----------------------|-------------------|---------------------|---------------------|---------------|---------------|
|                     | \$1,000–\$9,999      | \$10,000–\$99,999 | \$100,000–\$249,999 | \$250,000–\$499,999 | \$500, & over |               |
|                     | <i>Number</i>        | <i>Number</i>     | <i>Number</i>       | <i>Number</i>       | <i>Number</i> | <i>Number</i> |
| NE: <sup>2</sup>    |                      |                   |                     |                     |               |               |
| 2001 .....          | 76,920               | 35,800            | 12,780              | 4,870               | 3,610         | 133,980       |
| 2002 .....          | 79,440               | 33,360            | 12,540              | 4,780               | 3,330         | 133,450       |
| 2003 .....          | 79,640               | 33,510            | 12,290              | 4,680               | 3,230         | 133,350       |
| NC: <sup>3</sup>    |                      |                   |                     |                     |               |               |
| 2001 .....          | 347,500              | 279,700           | 102,700             | 45,900              | 27,400        | 803,200       |
| 2002 .....          | 354,400              | 270,600           | 97,100              | 46,000              | 28,000        | 796,100       |
| 2003 .....          | 353,100              | 266,500           | 96,300              | 46,700              | 28,200        | 790,800       |
| South: <sup>4</sup> |                      |                   |                     |                     |               |               |
| 2001 .....          | 602,620              | 219,670           | 36,190              | 24,270              | 25,950        | 908,700       |
| 2002 .....          | 605,020              | 214,750           | 35,100              | 23,710              | 25,620        | 904,200       |
| 2003 .....          | 604,650              | 214,720           | 34,900              | 23,260              | 25,370        | 902,900       |
| West: <sup>5</sup>  |                      |                   |                     |                     |               |               |
| 2001 .....          | 162,880              | 86,320            | 24,620              | 12,360              | 16,570        | 302,750       |
| 2002 .....          | 162,980              | 85,860            | 24,080              | 12,060              | 16,630        | 301,610       |
| 2003 .....          | 161,880              | 85,800            | 23,740              | 11,910              | 16,480        | 299,810       |
| US:                 |                      |                   |                     |                     |               |               |
| 2001 .....          | 1,189,920            | 621,490           | 176,290             | 87,400              | 73,530        | 2,148,630     |
| 2002 .....          | 1,201,840            | 604,570           | 168,820             | 86,550              | 73,580        | 2,135,360     |
| 2003 .....          | 1,199,270            | 600,530           | 167,230             | 86,550              | 73,280        | 2,126,860     |

<sup>1</sup> Number of farms estimated for 3 sales classes above \$100,000 beginning in 2002 and set back to 1998 with the 5-year Census revision review. <sup>2</sup> CT, ME, MA, NH, NJ, NY, PA, RI, and VT. <sup>3</sup> IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, WI. <sup>4</sup> AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV. <sup>5</sup> AK, AZ, CA, CO, HI, ID, MT, NV, NM, OR, UT, WA, WY.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 9-5.—Land in farms: Economic sales class by region and United States, 2001–2003**

| Region and year     | Economic Sales Class <sup>1</sup> |                   |                     |                     |                  | Total       |
|---------------------|-----------------------------------|-------------------|---------------------|---------------------|------------------|-------------|
|                     | \$1,000-\$9,999                   | \$10,000-\$99,999 | \$100,000-\$249,999 | \$250,000-\$499,999 | \$500,000 & over |             |
|                     | 1,000 Acres                       | 1,000 Acres       | 1,000 Acres         | 1,000 Acres         | 1,000 Acres      | 1,000 Acres |
| NE: <sup>2</sup>    |                                   |                   |                     |                     |                  |             |
| 2001 .....          | 5,850                             | 5,735             | 3,555               | 2,185               | 2,875            | 20,200      |
| 2002 .....          | 5,860                             | 5,505             | 3,795               | 2,185               | 2,855            | 20,200      |
| 2003 .....          | 5,870                             | 5,555             | 3,765               | 2,135               | 2,855            | 20,180      |
| NC: <sup>3</sup>    |                                   |                   |                     |                     |                  |             |
| 2001 .....          | 34,780                            | 97,970            | 89,280              | 66,990              | 60,780           | 349,800     |
| 2002 .....          | 34,930                            | 95,250            | 88,220              | 67,530              | 63,270           | 349,200     |
| 2003 .....          | 34,740                            | 93,940            | 88,060              | 68,260              | 63,730           | 348,730     |
| South: <sup>4</sup> |                                   |                   |                     |                     |                  |             |
| 2001 .....          | 63,500                            | 93,670            | 42,300              | 32,280              | 50,970           | 282,720     |
| 2002 .....          | 64,145                            | 92,920            | 42,640              | 31,825              | 50,520           | 282,050     |
| 2003 .....          | 62,700                            | 93,380            | 42,700              | 32,230              | 50,590           | 281,600     |
| West: <sup>5</sup>  |                                   |                   |                     |                     |                  |             |
| 2001 .....          | 22,960                            | 77,520            | 61,930              | 47,150              | 79,790           | 289,350     |
| 2002 .....          | 21,690                            | 77,480            | 61,650              | 47,630              | 80,400           | 288,850     |
| 2003 .....          | 21,470                            | 77,180            | 61,620              | 47,510              | 80,460           | 288,240     |
| US:                 |                                   |                   |                     |                     |                  |             |
| 2001 .....          | 127,090                           | 274,895           | 197,065             | 148,605             | 194,415          | 942,070     |
| 2002 .....          | 126,625                           | 271,155           | 196,305             | 149,170             | 197,045          | 940,300     |
| 2003 .....          | 124,780                           | 270,055           | 196,145             | 150,135             | 197,635          | 938,750     |

<sup>1</sup> Number of farms estimated for 3 sales classes above \$100,000 beginning in 2002 and set back to 1998 with the 5-year Census revision review. <sup>2</sup> CT, ME, MA, NH, NJ, NY, PA, RI, and VT. <sup>3</sup> IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, WI. <sup>4</sup> AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV. <sup>5</sup> AK, AZ, CA, CO, HI, ID, MT, NV, NM, OR, UT, WA, WY.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 9-6.—Land in farms: Classification by tenure of operator, United States, 1910–2002**

| Year                    | Land in farms | Tenure of operator |             |          |             |
|-------------------------|---------------|--------------------|-------------|----------|-------------|
|                         |               | Full owners        | Part owners | Managers | All tenants |
|                         | Acres         | Percent            | Percent     | Percent  | Percent     |
| 1910 .....              | 878,798,325   | 52.9               | 15.2        | 6.1      | 25.8        |
| 1920 .....              | 958,676,612   | 48.3               | 18.4        | 5.7      | 27.7        |
| 1925 .....              | 924,319,352   | 45.4               | 21.3        | 4.7      | 28.7        |
| 1930 <sup>1</sup> ..... | 990,111,984   | 37.6               | 24.9        | 6.4      | 31.0        |
| 1935 .....              | 1,054,515,111 | 37.1               | 25.2        | 5.8      | 31.9        |
| 1940 <sup>1</sup> ..... | 1,065,113,774 | 35.9               | 28.2        | 6.5      | 29.4        |
| 1945 .....              | 1,141,615,364 | 36.1               | 32.5        | 9.3      | 22.0        |
| 1950 <sup>1</sup> ..... | 1,161,419,720 | 36.1               | 36.4        | 9.2      | 18.3        |
| 1954 .....              | 1,158,191,511 | 34.2               | 40.7        | 8.6      | 16.5        |
| 1959 <sup>1</sup> ..... | 1,123,507,574 | 31.0               | 44.0        | 9.8      | 14.8        |
| 1964 <sup>1</sup> ..... | 1,110,187,000 | 28.7               | 48.0        | 10.2     | 13.1        |
| 1969 <sup>1</sup> ..... | 1,062,892,501 | 35.3               | 51.8        | .....    | 13.0        |
| 1974 <sup>1</sup> ..... | 1,017,030,357 | 35.3               | 52.6        | .....    | 12.0        |
| 1978 <sup>1</sup> ..... | 1,014,777,234 | 32.7               | 55.3        | .....    | 12.0        |
| 1982 <sup>1</sup> ..... | 986,796,579   | 34.7               | 53.8        | .....    | 11.5        |
| 1987 <sup>1</sup> ..... | 964,470,625   | 32.9               | 53.9        | .....    | 13.2        |
| 1992 <sup>1</sup> ..... | 945,531,506   | 31.3               | 55.7        | .....    | 13.0        |
| 1997 <sup>2</sup> ..... | 932,475,414   | 26.7               | 62.2        | .....    | 11.2        |
| 1998 <sup>2</sup> ..... | 900,415,615   | 28.6               | 60.2        | .....    | 11.2        |
| 1999 <sup>2</sup> ..... | 870,720,495   | 25.6               | 61.6        | .....    | 12.8        |
| 2000 <sup>2</sup> ..... | 994,997,682   | 26.4               | 62.3        | .....    | 11.4        |
| 2001 <sup>2</sup> ..... | 959,163,331   | 24.7               | 61.2        | .....    | 14.2        |
| 2002 <sup>2</sup> ..... | 954,302,543   | 29.4               | 56.6        | .....    | 14.0        |

<sup>1</sup> Includes Alaska and Hawaii. <sup>2</sup> Excludes Alaska and Hawaii.

ERS, Resource Economics Division, (202) 694-5575. Data for 1910–1992 is from the Census of Agriculture, U.S. Department of Commerce. Data for 1997-2002 is from ERS Agricultural Resource Management Survey.

**Table 9-7.—Farms: Classification by tenure of operator, United States, 1910–2002**

| Year              | Farms     | Tenure of operator |                |                |                |
|-------------------|-----------|--------------------|----------------|----------------|----------------|
|                   |           | Full owners        | Part owners    | Managers       | All tenants    |
|                   |           | <i>Number</i>      | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| 1910              | 6,365,822 | 52.7               | 9.3            | 0.9            | 37.0           |
| 1920              | 6,453,991 | 52.2               | 8.7            | 1.1            | 38.1           |
| 1925              | 6,371,640 | 52.0               | 8.7            | 0.6            | 38.6           |
| 1930 <sup>1</sup> | 6,295,103 | 46.3               | 10.4           | 0.9            | 42.4           |
| 1935              | 6,812,350 | 47.1               | 10.1           | 0.7            | 42.1           |
| 1940 <sup>1</sup> | 6,102,417 | 50.6               | 10.1           | 0.6            | 38.8           |
| 1945              | 5,859,169 | 56.4               | 11.3           | 0.7            | 31.7           |
| 1950 <sup>1</sup> | 5,388,437 | 57.4               | 15.3           | 0.4            | 26.9           |
| 1954              | 4,783,021 | 57.4               | 18.2           | 0.4            | 24.0           |
| 1959 <sup>1</sup> | 3,710,503 | 57.1               | 21.9           | 0.6            | 20.5           |
| 1964 <sup>1</sup> | 3,157,857 | 57.6               | 24.8           | 0.6            | 17.1           |
| 1969 <sup>1</sup> | 2,730,250 | 62.5               | 24.6           | .....          | 12.9           |
| 1974 <sup>1</sup> | 2,314,013 | 61.5               | 27.2           | .....          | 11.3           |
| 1978 <sup>1</sup> | 2,257,775 | 57.5               | 30.2           | .....          | 12.3           |
| 1982 <sup>1</sup> | 2,240,976 | 59.2               | 29.3           | .....          | 11.6           |
| 1987 <sup>1</sup> | 2,087,759 | 59.3               | 29.2           | .....          | 11.5           |
| 1992 <sup>1</sup> | 1,925,300 | 57.7               | 31.0           | .....          | 11.3           |
| 1997 <sup>2</sup> | 2,049,384 | 55.3               | 35.4           | .....          | 9.3            |
| 1998 <sup>2</sup> | 2,054,709 | 56.5               | 33.9           | .....          | 9.6            |
| 1999 <sup>2</sup> | 2,186,950 | 58.3               | 33.9           | .....          | 7.8            |
| 2000 <sup>2</sup> | 2,166,060 | 57.7               | 34.1           | .....          | 8.2            |
| 2001 <sup>2</sup> | 2,149,683 | 57.2               | 34.9           | .....          | 8.0            |
| 2002 <sup>2</sup> | 2,152,412 | 65.9               | 26.7           | .....          | 7.3            |

<sup>1</sup> Includes Alaska and Hawaii. <sup>2</sup> Excludes Alaska and Hawaii.

ERS, Resource Economics Division, (202) 694–5575. Data for 1910-1992 is from the Census of Agriculture, U.S. Department of Commerce. Data for 1997-2002 is from ERS Agricultural Resource Management Survey.

**Table 9-8.—Farms: Classification by Tenants and Part Owners, United States, 1900–97**

| Year | Land in farms | Land rented by operators <sup>1</sup> |                      |                      | Percentage of land rented |
|------|---------------|---------------------------------------|----------------------|----------------------|---------------------------|
|      |               | Tenants                               | Part-owners          | Total                |                           |
|      |               | <i>Million acres</i>                  | <i>Million acres</i> | <i>Million acres</i> |                           |
| 1900 | 841.8         | 195.1                                 | 271.1                | 266.2                | 31.6                      |
| 1910 | 878.8         | 225.5                                 | 351.3                | 277.8                | 31.6                      |
| 1920 | 958.7         | 265.0                                 | 554.7                | 319.7                | 33.3                      |
| 1925 | 924.3         | 264.9                                 | 96.3                 | 361.2                | 39.0                      |
| 1930 | 990.1         | 307.3                                 | 125.2                | 432.5                | 43.6                      |
| 1935 | 1,054.5       | 336.8                                 | 134.3                | 471.1                | 44.6                      |
| 1940 | 1,165.1       | 313.2                                 | 155.9                | 469.1                | 44.0                      |
| 1945 | 1,141.6       | 251.6                                 | 178.9                | 430.5                | 37.7                      |
| 1950 | 1,161.4       | 212.2                                 | 196.2                | 408.4                | 35.2                      |
| 1954 | 1,158.2       | 192.6                                 | 212.3                | 404.9                | 34.9                      |
| 1959 | 1,123.0       | 166.8                                 | 234.1                | 400.9                | 35.7                      |
| 1964 | 1,110.2       | 144.9                                 | 248.1                | 393.0                | 35.4                      |
| 1969 | 1,063.3       | 137.6                                 | 241.8                | 379.4                | 35.7                      |
| 1974 | 1,017.0       | 122.3                                 | 258.4                | 380.7                | 37.4                      |
| 1978 | 1,029.7       | 124.1                                 | 285.3                | 406.3                | 39.4                      |
| 1982 | 986.2         | 113.6                                 | 269.9                | 383.5                | 38.9                      |
| 1987 | 964.5         | 126.9                                 | 275.4                | 402.3                | 41.7                      |
| 1992 | 945.5         | 122.7                                 | 282.2                | 404.9                | 42.8                      |
| 1997 | 931.8         | 108.1                                 | 270.0                | 378.1                | 40.6                      |

<sup>1</sup> Columns 3, 4, and 5 refer only to land rented from others and operated, so subleased land is not included. Numbers of land rented are comparable in the same year, but definitions change over time. Basic sources are 1969 Census of Agriculture, table 5, p.14; 1974 Census of Agriculture, table 3, pp.1-6; 1978 Census of Agriculture, vol. 1, part 51, table 5, pp. 124-127; 1982 Census of Agriculture, vol. 1, part 51, table 48, p. 49; 1987 Census of Agriculture vol. 1 part 51, table 48, p.49; 1992 Census of Agriculture vol. 1, part 51, table 46, p.53; 1997 Census of Agriculture, vol. 1, part 51, chapter 1, table 46, p. 57; and earlier census volumes as noted. <sup>2</sup>Sum of part owners and owner/tenant, 1900 Census of Agriculture, table 20, pp.308. <sup>3</sup>Assumes land leased by part-owners is the difference between the average size of full-owner and part-owner farms. Acreage leased by part-owners is this difference times the number of part-owners. 1910 Census of Agriculture, chapter 11, table 1 and 3, pp.97-99. <sup>4</sup>1920 Census of Agriculture, vol. VI, part 1, table 5, p.19. <sup>5</sup>Assumes same proportion of owner and part-owner as in 1910. <sup>6</sup>1964 Census of Agriculture, vol. II, chapter 8, p.757.

ERS, Resource Economics Division, (202) 694–5572. Data from the Census of Agriculture, National Agricultural Statistics Service and Economic Research Service.

**Table 9-9.—Farms: Number and land in farms, by States, 2001, 2002 and 2003**

| State    | Farms <sup>1</sup> |               |                   | Land in farms      |                    |                    |
|----------|--------------------|---------------|-------------------|--------------------|--------------------|--------------------|
|          | 2001               | 2002          | 2003 <sup>2</sup> | 2001               | 2002               | 2003 <sup>2</sup>  |
|          | <i>Number</i>      | <i>Number</i> | <i>Number</i>     | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> |
| AL ..... | 46,000             | 45,000        | 45,000            | 8,900              | 8,900              | 8,900              |
| AK ..... | 600                | 610           | 610               | 900                | 900                | 900                |
| AZ ..... | 10,400             | 10,300        | 10,300            | 26,700             | 26,600             | 26,500             |
| AR ..... | 48,000             | 47,500        | 47,500            | 14,600             | 14,500             | 14,400             |
| CA ..... | 81,000             | 79,700        | 78,500            | 27,800             | 27,600             | 27,100             |
| CO ..... | 30,900             | 31,400        | 31,400            | 31,400             | 31,100             | 31,000             |
| CT ..... | 4,200              | 4,200         | 4,200             | 360                | 360                | 360                |
| DE ..... | 2,500              | 2,400         | 2,300             | 550                | 540                | 530                |
| FL ..... | 44,000             | 44,000        | 44,000            | 10,300             | 10,300             | 10,200             |
| GA ..... | 49,200             | 49,300        | 49,300            | 10,850             | 10,800             | 10,800             |
| HI ..... | 5,500              | 5,500         | 5,500             | 1,350              | 1,300              | 1,300              |
| ID ..... | 24,500             | 25,000        | 25,000            | 11,800             | 11,800             | 11,800             |
| IL ..... | 75,000             | 73,000        | 73,000            | 27,500             | 27,500             | 27,500             |
| IN ..... | 62,100             | 60,300        | 59,500            | 15,100             | 15,100             | 15,040             |
| IA ..... | 92,000             | 90,600        | 90,000            | 32,000             | 31,800             | 31,700             |
| KS ..... | 64,500             | 64,500        | 64,500            | 47,300             | 47,300             | 47,200             |
| KY ..... | 88,000             | 87,000        | 87,000            | 13,800             | 13,800             | 13,800             |
| LA ..... | 28,000             | 27,500        | 27,200            | 7,910              | 7,900              | 7,850              |
| ME ..... | 7,150              | 7,200         | 7,200             | 1,350              | 1,370              | 1,370              |
| MD ..... | 12,300             | 12,200        | 12,100            | 2,100              | 2,080              | 2,060              |
| MA ..... | 6,100              | 6,100         | 6,100             | 520                | 520                | 520                |
| MI ..... | 53,000             | 53,300        | 53,300            | 10,120             | 10,090             | 10,090             |
| MN ..... | 81,000             | 80,900        | 80,000            | 27,800             | 27,800             | 27,700             |
| MS ..... | 42,000             | 42,200        | 42,800            | 11,130             | 11,110             | 11,110             |
| MO ..... | 108,000            | 107,000       | 106,000           | 30,200             | 30,200             | 30,200             |
| MT ..... | 27,800             | 27,900        | 28,000            | 59,600             | 59,800             | 60,100             |
| NE ..... | 50,000             | 49,400        | 48,500            | 46,000             | 45,900             | 45,900             |
| NV ..... | 3,050              | 3,000         | 3,000             | 6,300              | 6,300              | 6,300              |
| NH ..... | 3,300              | 3,400         | 3,400             | 440                | 450                | 450                |
| NJ ..... | 9,800              | 9,900         | 9,900             | 830                | 820                | 820                |
| NM ..... | 17,800             | 17,700        | 17,500            | 44,800             | 44,800             | 44,700             |
| NY ..... | 37,500             | 37,000        | 37,000            | 7,660              | 7,660              | 7,650              |
| NC ..... | 55,000             | 54,200        | 53,500            | 9,120              | 9,100              | 9,100              |
| ND ..... | 30,600             | 30,500        | 30,300            | 39,400             | 39,400             | 39,400             |
| OH ..... | 78,000             | 77,800        | 77,600            | 14,680             | 14,610             | 14,600             |
| OK ..... | 84,000             | 83,500        | 83,500            | 33,800             | 33,700             | 33,700             |
| OR ..... | 40,000             | 40,000        | 40,000            | 17,200             | 17,200             | 17,200             |
| PA ..... | 58,500             | 58,200        | 58,200            | 7,710              | 7,700              | 7,700              |
| RI ..... | 830                | 850           | 850               | 60                 | 60                 | 60                 |
| SC ..... | 24,400             | 24,500        | 24,400            | 4,880              | 4,850              | 4,850              |
| SD ..... | 32,000             | 31,800        | 31,600            | 43,900             | 43,800             | 43,800             |
| TN ..... | 88,000             | 87,500        | 87,000            | 11,800             | 11,700             | 11,600             |
| TX ..... | 228,600            | 229,000       | 229,000           | 130,700            | 130,500            | 130,500            |
| UT ..... | 15,500             | 15,300        | 15,300            | 11,600             | 11,600             | 11,600             |
| VT ..... | 6,600              | 6,600         | 6,500             | 1,270              | 1,260              | 1,250              |
| VA ..... | 47,900             | 47,600        | 47,500            | 8,680              | 8,670              | 8,600              |
| WA ..... | 36,500             | 36,000        | 35,500            | 15,400             | 15,350             | 15,300             |
| WV ..... | 20,800             | 20,800        | 20,800            | 3,600              | 3,600              | 3,600              |
| WI ..... | 77,000             | 77,000        | 76,500            | 15,800             | 15,700             | 15,600             |
| WY ..... | 9,200              | 9,200         | 9,200             | 34,500             | 34,500             | 34,440             |
| US ..... | 2,148,630          | 2,135,360     | 2,126,860         | 942,070            | 940,300            | 938,750            |

<sup>1</sup> A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. <sup>2</sup> Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 9-10.—Land: Utilization, by States, 1997

| State    | Cropland                    |             |                       | Grassland pasture <sup>2</sup> | Forest land <sup>3</sup> | Special use areas <sup>4</sup> | Other land <sup>5</sup> | Total land area <sup>6</sup> |
|----------|-----------------------------|-------------|-----------------------|--------------------------------|--------------------------|--------------------------------|-------------------------|------------------------------|
|          | Used for crops <sup>1</sup> | Idle        | Used only for pasture |                                |                          |                                |                         |                              |
|          | 1,000 acres                 | 1,000 acres | 1,000 acres           | 1,000 acres                    | 1,000 acres              | 1,000 acres                    | 1,000 acres             | 1,000 acres                  |
| AL ..... | 2,298                       | 533         | 1,639                 | 1,860                          | 21,911                   | 1,423                          | 2,815                   | 32,480                       |
| AK ..... | 34                          | 26          | 8                     | 1,226                          | 87,936                   | 143,013                        | 132,796                 | 365,039                      |
| AZ ..... | 951                         | 187         | 116                   | 40,509                         | 16,306                   | 10,092                         | 4,571                   | 72,731                       |
| AR ..... | 7,635                       | 413         | 2,034                 | 2,006                          | 18,392                   | 1,450                          | 1,398                   | 33,328                       |
| CA ..... | 8,675                       | 706         | 1,246                 | 22,343                         | 32,579                   | 20,996                         | 13,277                  | 99,823                       |
| CO ..... | 8,899                       | 1,780       | 736                   | 27,867                         | 18,781                   | 5,699                          | 2,623                   | 66,386                       |
| CT ..... | 131                         | 8           | 27                    | 30                             | 1,682                    | 299                            | 923                     | 3,101                        |
| DE ..... | 434                         | 7           | 11                    | 8                              | 376                      | 102                            | 313                     | 1,251                        |
| DC ..... | 0                           | 0           | 0                     | 0                              | 0                        | 0                              | 39                      | 39                           |
| FL ..... | 2,465                       | 288         | 896                   | 5,455                          | 14,605                   | 4,676                          | 6,172                   | 34,558                       |
| GA ..... | 5,000                       | 733         | 1,395                 | 1,336                          | 23,004                   | 1,854                          | 3,544                   | 37,068                       |
| HI ..... | 101                         | 150         | 42                    | 961                            | 1,189                    | 769                            | 898                     | 4,111                        |
| ID ..... | 4,197                       | 753         | 816                   | 21,165                         | 17,123                   | 5,266                          | 3,641                   | 52,961                       |
| IL ..... | 23,140                      | 932         | 853                   | 1,559                          | 4,058                    | 1,901                          | 3,137                   | 35,580                       |
| IN ..... | 12,516                      | 516         | 658                   | 1,158                          | 4,342                    | 1,102                          | 2,666                   | 22,957                       |
| IA ..... | 24,259                      | 1,578       | 2,074                 | 1,477                          | 1,944                    | 1,550                          | 2,878                   | 35,760                       |
| KS ..... | 26,955                      | 2,964       | 3,789                 | 12,560                         | 1,492                    | 1,620                          | 2,987                   | 52,367                       |
| KY ..... | 4,889                       | 766         | 3,205                 | 1,491                          | 12,348                   | 996                            | 1,733                   | 25,429                       |
| LA ..... | 4,053                       | 563         | 869                   | 1,582                          | 13,691                   | 1,395                          | 5,729                   | 27,882                       |
| ME ..... | 324                         | 77          | 65                    | 37                             | 16,952                   | 520                            | 1,778                   | 19,753                       |
| MD ..... | 1,344                       | 62          | 149                   | 208                            | 2,424                    | 731                            | 1,338                   | 6,256                        |
| MA ..... | 160                         | 12          | 39                    | 35                             | 2,675                    | 553                            | 1,542                   | 5,016                        |
| MI ..... | 7,098                       | 705         | 500                   | 1,606                          | 18,667                   | 2,468                          | 5,313                   | 36,358                       |
| MN ..... | 20,090                      | 1,707       | 1,041                 | 1,544                          | 14,820                   | 4,398                          | 7,353                   | 50,954                       |
| MS ..... | 4,602                       | 677         | 1,184                 | 1,946                          | 18,589                   | 848                            | 2,179                   | 30,025                       |
| MO ..... | 12,956                      | 1,645       | 5,413                 | 6,010                          | 13,411                   | 1,740                          | 2,921                   | 44,095                       |
| MT ..... | 14,527                      | 2,374       | 1,672                 | 46,039                         | 19,165                   | 6,414                          | 2,965                   | 93,156                       |
| NE ..... | 20,314                      | 1,299       | 1,942                 | 21,828                         | 797                      | 1,423                          | 1,599                   | 49,202                       |
| NV ..... | 546                         | 56          | 265                   | 46,278                         | 8,199                    | 5,176                          | 9,204                   | 70,275                       |
| NH ..... | 84                          | 6           | 22                    | 40                             | 4,551                    | 317                            | 720                     | 5,740                        |
| NJ ..... | 526                         | 40          | 68                    | 29                             | 1,507                    | 728                            | 1,850                   | 4,748                        |
| NM ..... | 1,313                       | 474         | 639                   | 52,188                         | 14,084                   | 6,360                          | 2,615                   | 77,773                       |
| NY ..... | 3,162                       | 317         | 633                   | 1,314                          | 15,405                   | 3,810                          | 5,581                   | 30,223                       |
| NC ..... | 4,487                       | 476         | 927                   | 814                            | 18,638                   | 2,264                          | 3,574                   | 31,180                       |
| ND ..... | 24,460                      | 2,858       | 1,500                 | 11,329                         | 441                      | 1,489                          | 2,079                   | 44,156                       |
| OH ..... | 10,576                      | 556         | 895                   | 1,376                          | 7,567                    | 1,153                          | 4,087                   | 26,209                       |
| OK ..... | 9,793                       | 1,184       | 5,360                 | 17,314                         | 6,233                    | 1,477                          | 2,593                   | 43,954                       |
| OR ..... | 3,853                       | 566         | 919                   | 22,395                         | 26,664                   | 3,593                          | 3,450                   | 61,441                       |
| PA ..... | 4,187                       | 299         | 695                   | 910                            | 15,852                   | 2,379                          | 4,364                   | 28,685                       |
| RI ..... | 22                          | 2           | 6                     | 3                              | 356                      | 61                             | 220                     | 669                          |
| SC ..... | 1,660                       | 335         | 538                   | 465                            | 12,418                   | 1,032                          | 2,824                   | 19,271                       |
| SD ..... | 17,313                      | 1,909       | 2,542                 | 22,594                         | 1,588                    | 1,575                          | 1,051                   | 48,573                       |
| TN ..... | 4,307                       | 596         | 2,587                 | 1,123                          | 13,265                   | 2,203                          | 2,298                   | 26,390                       |
| TX ..... | 22,613                      | 5,092       | 12,335                | 98,059                         | 11,767                   | 5,363                          | 12,396                  | 167,625                      |
| UT ..... | 1,252                       | 234         | 558                   | 23,737                         | 13,832                   | 5,058                          | 7,916                   | 52,588                       |
| VT ..... | 342                         | 10          | 132                   | 212                            | 4,462                    | 337                            | 425                     | 5,920                        |
| VA ..... | 2,572                       | 242         | 1,526                 | 1,533                          | 15,345                   | 1,468                          | 2,657                   | 25,343                       |
| WA ..... | 6,854                       | 1,018       | 528                   | 7,406                          | 17,418                   | 6,639                          | 2,749                   | 42,612                       |
| WV ..... | 664                         | 50          | 697                   | 481                            | 11,899                   | 699                            | 925                     | 15,415                       |
| WI ..... | 7,803                       | 799         | 959                   | 1,844                          | 15,701                   | 2,182                          | 5,472                   | 34,761                       |
| WY ..... | 2,064                       | 257         | 759                   | 44,873                         | 5,085                    | 6,332                          | 2,777                   | 62,147                       |
| US ..... | 348,701                     | 38,839      | 67,512                | 580,165                        | 641,536                  | 285,544                        | 300,957                 | 2,263,254                    |

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow. <sup>2</sup> Grassland and other nonforest pasture and range. <sup>3</sup> Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. <sup>4</sup> Includes rural transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes. <sup>5</sup> Miscellaneous areas such as marshes, open swamps, bare rock areas, and deserts, including urban and other special uses not inventoried. <sup>6</sup> Approximate land area as established by the Bureau of the Census in conjunction with the 1990 Census of Population.

ERS, Resource Economics Division, (202) 694-5528. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies. Estimates developed for years coinciding with a Census of Agriculture.

**Table 9-11.—Land in farms: <sup>1</sup> Irrigated land, by States, 1959–97**

| State       | 1959             | 1964             | 1969             | 1974             | 1978 <sup>2</sup> | 1982             | 1987             | 1992             | 1997             |
|-------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|
|             | 1,000<br>acres   | 1,000<br>acres   | 1,000<br>acres   | 1,000<br>acres   | 1,000<br>acres    | 1,000<br>acres   | 1,000<br>acres   | 1,000<br>acres   | 1,000<br>acres   |
| AL .....    | 17               | 12               | 11               | 14               | 59                | 66               | 84               | 82               | 77               |
| AK .....    |                  | ( <sup>3</sup> ) | 1                | 1                | 1                 | 1                | 2                | 2                | 3                |
| AZ .....    | 1,152            | 1,125            | 1,178            | 1,153            | 1,196             | 1,098            | 914              | 956              | 1,014            |
| AR .....    | 712              | 974              | 1,010            | 949              | 1,683             | 2,022            | 2,406            | 2,702            | 3,717            |
| CA .....    | 7,396            | 7,599            | 7,240            | 7,749            | 8,506             | 8,461            | 7,596            | 7,571            | 8,713            |
| CO .....    | 2,685            | 2,690            | 2,895            | 2,874            | 3,431             | 3,201            | 3,014            | 3,170            | 3,430            |
| CT .....    | 5                | 14               | 9                | 7                | 7                 | 7                | 7                | 6                | 7                |
| DE .....    | 16               | 18               | 20               | 20               | 34                | 44               | 61               | 62               | 73               |
| FL .....    | 414              | 1,217            | 1,365            | 1,559            | 1,980             | 1,585            | 1,623            | 1,783            | 1,862            |
| GA .....    | 34               | 64               | 79               | 112              | 463               | 575              | 640              | 725              | 749              |
| HI .....    | 141              | 144              | 146              | 142              | 159               | 146              | 149              | 134              | 77               |
| ID .....    | 2,577            | 2,802            | 2,761            | 2,859            | 3,475             | 3,450            | 3,219            | 3,260            | 3,494            |
| IL .....    | 10               | 14               | 51               | 54               | 130               | 166              | 208              | 328              | 350              |
| IN .....    | 17               | 17               | 34               | 33               | 75                | 132              | 170              | 241              | 250              |
| IA .....    | 18               | 22               | 21               | 39               | 101               | 91               | 92               | 116              | 125              |
| KS .....    | 762              | 1,004            | 1,522            | 2,010            | 2,686             | 2,675            | 2,463            | 2,680            | 2,707            |
| KY .....    | 9                | 14               | 20               | 11               | 14                | 23               | 38               | 28               | 58               |
| LA .....    | 485              | 581              | 702              | 702              | 681               | 694              | 647              | 898              | 943              |
| ME .....    | 2                | 4                | 6                | 6                | 7                 | 6                | 6                | 10               | 22               |
| MD .....    | 11               | 16               | 22               | 23               | 28                | 39               | 51               | 57               | 69               |
| MA .....    | 20               | 24               | 19               | 19               | 17                | 17               | 20               | 20               | 25               |
| MI .....    | 40               | 49               | 77               | 97               | 226               | 286              | 315              | 366              | 393              |
| MN .....    | 15               | 18               | 36               | 78               | 272               | 315              | 354              | 370              | 380              |
| MS .....    | 100              | 123              | 150              | 162              | 309               | 431              | 637              | 883              | 1,076            |
| MO .....    | 30               | 59               | 156              | 150              | 320               | 403              | 535              | 709              | 882              |
| MT .....    | 1,875            | 1,893            | 1,841            | 1,759            | 2,070             | 2,023            | 1,997            | 1,978            | 1,994            |
| NE .....    | 2,078            | 2,169            | 2,857            | 3,967            | 5,683             | 6,039            | 5,682            | 6,312            | 6,999            |
| NV .....    | 543              | 825              | 753              | 778              | 881               | 830              | 779              | 556              | 765              |
| NH .....    | 1                | 3                | 2                | 2                | 2                 | 1                | 3                | 2                | 3                |
| NJ .....    | 74               | 96               | 72               | 89               | 77                | 83               | 91               | 80               | 93               |
| NM .....    | 732              | 813              | 823              | 867              | 891               | 807              | 718              | 738              | 805              |
| NY .....    | 58               | 79               | 55               | 55               | 56                | 52               | 51               | 47               | 69               |
| NC .....    | 66               | 97               | 59               | 51               | 90                | 81               | 138              | 113              | 156              |
| ND .....    | 48               | 51               | 63               | 71               | 141               | 163              | 168              | 187              | 180              |
| OH .....    | 12               | 17               | 22               | 22               | 25                | 28               | 32               | 29               | 34               |
| OK .....    | 198              | 302              | 524              | 515              | 602               | 492              | 478              | 512              | 506              |
| OR .....    | 1,384            | 1,608            | 1,519            | 1,561            | 1,881             | 1,808            | 1,648            | 1,622            | 1,949            |
| PA .....    | 17               | 23               | 19               | 18               | 15                | 18               | 30               | 23               | 36               |
| RI .....    | ( <sup>3</sup> ) | 1                | 2                | 2                | 3                 | 2                | 4                | 3                | 3                |
| SC .....    | 25               | 19               | 15               | 10               | 32                | 81               | 81               | 76               | 86               |
| SD .....    | 116              | 130              | 148              | 152              | 335               | 376              | 362              | 371              | 344              |
| TN .....    | 11               | 11               | 12               | 10               | 13                | 18               | 38               | 37               | 46               |
| TX .....    | 5,656            | 6,385            | 6,888            | 6,594            | 6,947             | 5,576            | 4,271            | 4,912            | 5,425            |
| UT .....    | 1,062            | 1,092            | 1,025            | 970              | 1,169             | 1,082            | 1,161            | 1,143            | 1,212            |
| VT .....    | 2                | 2                | ( <sup>3</sup> ) | 1                | 1                 | 1                | 2                | 2                | 3                |
| VA .....    | 31               | 51               | 37               | 28               | 42                | 43               | 79               | 62               | 85               |
| WA .....    | 1,007            | 1,150            | 1,224            | 1,309            | 1,639             | 1,638            | 1,519            | 1,641            | 1,705            |
| WV .....    | 1                | 2                | 3                | 2                | 1                 | 1                | 3                | 3                | 3                |
| WI .....    | 32               | 62               | 106              | 128              | 235               | 259              | 285              | 331              | 342              |
| WY .....    | 1,470            | 1,571            | 1,523            | 1,460            | 1,662             | 1,565            | 1,518            | 1,465            | 1,719            |
| US .....    | 33,164           | 37,057           | 39,122           | 41,243           | 50,350            | 49,002           | 46,386           | 49,404           | 55,058           |
| PR .....    | 76               | 89               | 91               | 70               | ( <sup>4</sup> )  | ( <sup>4</sup> ) | ( <sup>4</sup> ) | ( <sup>4</sup> ) | ( <sup>4</sup> ) |
| VI .....    | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>4</sup> )  | ( <sup>4</sup> ) | ( <sup>4</sup> ) | ( <sup>4</sup> ) | ( <sup>4</sup> ) |
| Total ..... | 33,240           | 37,145           | 39,213           | 41,313           | 50,350            | 49,002           | 46,386           | 49,404           | 55,058           |

<sup>1</sup>Data may not add because of rounding. <sup>2</sup>Data for 1978 not directly comparable with earlier censuses as it includes estimates from the direct enumeration sample for farms not represented on the mail list. <sup>3</sup>Less than 500 acres. <sup>4</sup>Not available. Note: Data from the Census of Agriculture, U.S. Department of Commerce. Beginning in 1997 Census of Agriculture, U.S. Department of Agriculture.



**Table 9-12.—Farm real estate: Value of farmland and buildings, by State, 1999–2003<sup>1</sup>**

| State                 | Total value of land and buildings |                        |                        |                        |                        |
|-----------------------|-----------------------------------|------------------------|------------------------|------------------------|------------------------|
|                       | Jan. 1, 1999                      | Jan. 1, 2000           | Jan. 1, 2001           | Jan. 1, 2002           | Jan. 1, 2003           |
|                       | <i>Million dollars</i>            | <i>Million dollars</i> | <i>Million dollars</i> | <i>Million dollars</i> | <i>Million dollars</i> |
| AL .....              | 14,100                            | 14,444                 | 14,760                 | 15,130                 | 15,664                 |
| AZ <sup>2</sup> ..... | 10,161                            | 10,280                 | 10,596                 | 11,014                 | 11,275                 |
| AR .....              | 17,934                            | 18,899                 | 19,710                 | 20,586                 | 21,460                 |
| CA .....              | 79,800                            | 84,300                 | 89,600                 | 94,520                 | 99,360                 |
| CO .....              | 20,286                            | 20,735                 | 21,330                 | 21,980                 | 22,703                 |
| CT .....              | 2,470                             | 2,609                  | 2,772                  | 3,060                  | 3,420                  |
| DE .....              | 1,682                             | 1,796                  | 1,904                  | 2,035                  | 2,160                  |
| FL .....              | 24,675                            | 26,250                 | 27,040                 | 28,016                 | 29,870                 |
| GA .....              | 18,012                            | 19,250                 | 20,710                 | 22,243                 | 23,760                 |
| ID .....              | 13,080                            | 13,685                 | 14,280                 | 14,632                 | 15,104                 |
| IL .....              | 61,494                            | 62,376                 | 62,975                 | 64,625                 | 66,825                 |
| IN .....              | 33,852                            | 34,804                 | 35,720                 | 37,146                 | 38,807                 |
| IA .....              | 57,904                            | 59,040                 | 60,125                 | 61,440                 | 63,918                 |
| KS .....              | 28,500                            | 29,688                 | 30,638                 | 31,455                 | 32,401                 |
| KY .....              | 21,390                            | 22,440                 | 23,975                 | 25,254                 | 26,220                 |
| LA .....              | 10,414                            | 10,650                 | 11,081                 | 11,390                 | 11,850                 |
| ME .....              | 1,677                             | 1,848                  | 2,025                  | 2,160                  | 2,398                  |
| MD .....              | 7,194                             | 7,776                  | 8,094                  | 8,400                  | 8,632                  |
| MA .....              | 3,132                             | 3,510                  | 3,942                  | 4,212                  | 4,836                  |
| MI .....              | 19,410                            | 21,297                 | 23,142                 | 24,996                 | 27,041                 |
| MN .....              | 35,464                            | 37,224                 | 39,060                 | 41,700                 | 44,480                 |
| MS .....              | 12,701                            | 13,464                 | 14,173                 | 14,803                 | 15,554                 |
| MO .....              | 34,673                            | 37,146                 | 39,260                 | 41,676                 | 44,394                 |
| MT .....              | 18,290                            | 19,536                 | 20,755                 | 22,052                 | 23,322                 |
| NE .....              | 31,320                            | 32,873                 | 33,884                 | 34,960                 | 35,573                 |
| NV <sup>2</sup> ..... | 2,589                             | 2,622                  | 2,654                  | 2,640                  | 2,671                  |
| NH .....              | 989                               | 1,056                  | 1,122                  | 1,232                  | 1,395                  |
| NJ .....              | 6,059                             | 6,308                  | 6,723                  | 7,138                  | 7,462                  |
| NM <sup>2</sup> ..... | 9,098                             | 9,553                  | 10,027                 | 10,521                 | 11,040                 |
| NY .....              | 10,385                            | 11,025                 | 11,658                 | 12,333                 | 13,022                 |
| NC .....              | 21,034                            | 22,785                 | 24,683                 | 26,448                 | 28,210                 |
| ND .....              | 15,800                            | 15,957                 | 16,154                 | 16,351                 | 16,745                 |
| OH .....              | 32,587                            | 34,601                 | 36,482                 | 38,168                 | 40,031                 |
| OK .....              | 21,188                            | 21,696                 | 22,139                 | 22,984                 | 23,759                 |
| OR .....              | 17,300                            | 18,165                 | 19,030                 | 19,780                 | 20,640                 |
| PA .....              | 19,942                            | 21,476                 | 23,070                 | 25,058                 | 26,565                 |
| RI .....              | 414                               | 438                    | 462                    | 498                    | 558                    |
| SC .....              | 7,952                             | 8,398                  | 8,838                  | 9,272                  | 9,943                  |
| SD .....              | 15,840                            | 16,720                 | 17,820                 | 18,877                 | 20,148                 |
| TN .....              | 23,205                            | 24,990                 | 25,960                 | 27,140                 | 28,080                 |
| TX .....              | 84,096                            | 89,148                 | 95,557                 | 101,293                | 105,705                |
| UT <sup>2</sup> ..... | 6,954                             | 7,290                  | 7,844                  | 8,326                  | 8,771                  |
| VT .....              | 2,112                             | 2,210                  | 2,286                  | 2,413                  | 2,583                  |
| VA .....              | 18,200                            | 19,468                 | 20,730                 | 21,960                 | 23,409                 |
| WA .....              | 18,840                            | 19,563                 | 20,215                 | 21,406                 | 22,718                 |
| WV .....              | 4,255                             | 4,356                  | 4,572                  | 4,788                  | 5,040                  |
| WI .....              | 23,635                            | 27,540                 | 31,200                 | 33,970                 | 36,110                 |
| WY .....              | 8,131                             | 8,823                  | 9,315                  | 9,833                  | 10,350                 |
| 48 States .....       | 950,219                           | 1,000,105              | 1,050,091              | 1,101,912              | 1,155,980              |

<sup>1</sup>Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms. <sup>2</sup>Value of all land and buildings adjusted to include American Indian reservation land value.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 9-13.—Land utilization, United States, selected years, 1940–97**

| Major land uses                            | 1940                 | 1950                 | 1959                 | 1969                 | 1978                 | 1987                 | 1992                 | 1997                 |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|  | <i>Million acres</i> | <i>Million acres</i> | <i>Million acres</i> | <i>Million acres</i> | <i>Million acres</i> | <i>Million acres</i> | <i>Million acres</i> | <i>Million acres</i> |
| Cropland used for crops <sup>1</sup> ..... | 368                  | 377                  | 359                  | 333                  | 369                  | 331                  | 337                  | 349                  |
| Idle cropland .....                        | 31                   | 32                   | 33                   | 51                   | 26                   | 68                   | 56                   | 39                   |
| Cropland used only for pasture .....       | 68                   | 69                   | 66                   | 88                   | 76                   | 65                   | 67                   | 67                   |
| Grassland pasture <sup>2</sup> .....       | 650                  | 631                  | 633                  | 604                  | 587                  | 591                  | 591                  | 580                  |
| Forest land <sup>3</sup> .....             | 608                  | 601                  | 728                  | 723                  | 703                  | 648                  | 648                  | 642                  |
| Special uses <sup>4</sup> .....            | .....                | .....                | 147                  | 174                  | 203                  | 335                  | 340                  | 351                  |
| Other land .....                           | 179                  | 194                  | 305                  | 291                  | 301                  | 227                  | 224                  | 235                  |
| Total land area <sup>5</sup> .....         | 1,904                | 1,904                | 2,271                | 2,264                | 2,265                | 2,265                | 2,263                | 2,263                |

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow. <sup>2</sup> Grassland and other nonforest pasture and range. <sup>3</sup> Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. <sup>4</sup> Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes. <sup>5</sup> Remeasurement and increases in reservoirs account for changes in total land areas except for the major increase in 1959 when data for Alaska and Hawaii were added.

ERS, Resource Economics Division, (202) 694-5528. Estimates based on reports and records of the U.S. Department of Agriculture and Commerce, and public land administering and conservation agencies.

**Table 9-14.—Farm real estate: Average value per acre of land and buildings, by State, Mar. 1, 1970, and Jan. 1, 1999–2003**

| State                        | Mar. 1, 1970   | Jan. 1, 1999   | Jan. 1, 2000   | Jan. 1, 2001   | Jan. 1, 2002   | Jan. 1, 2003   |
|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                              | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| AL .....                     | 200            | 1,500          | 1,570          | 1,640          | 1,700          | 1,760          |
| AZ <sup>1</sup> .....        | 70             | 1,070          | 1,150          | 1,250          | 1,400          | 1,500          |
| AR .....                     | 260            | 1,220          | 1,290          | 1,350          | 1,410          | 1,480          |
| CA .....                     | 479            | 2,800          | 3,000          | 3,200          | 3,400          | 3,600          |
| CO .....                     | 95             | 630            | 650            | 675            | 700            | 730            |
| CT .....                     | 921            | 6,500          | 7,050          | 7,700          | 8,500          | 9,500          |
| DE .....                     | 499            | 2,900          | 3,150          | 3,400          | 3,700          | 4,000          |
| FL .....                     | 355            | 2,350          | 2,500          | 2,600          | 2,720          | 2,900          |
| GA .....                     | 234            | 1,630          | 1,750          | 1,900          | 2,050          | 2,200          |
| ID .....                     | 177            | 1,090          | 1,150          | 1,200          | 1,240          | 1,280          |
| IL .....                     | 490            | 2,220          | 2,260          | 2,290          | 2,350          | 2,430          |
| IN .....                     | 406            | 2,170          | 2,260          | 2,350          | 2,460          | 2,570          |
| IA .....                     | 392            | 1,760          | 1,800          | 1,850          | 1,920          | 2,010          |
| KS .....                     | 159            | 600            | 625            | 645            | 665            | 685            |
| KY .....                     | 253            | 1,550          | 1,650          | 1,750          | 1,830          | 1,900          |
| LA .....                     | 321            | 1,270          | 1,310          | 1,380          | 1,440          | 1,500          |
| ME .....                     | 161            | 1,300          | 1,400          | 1,500          | 1,600          | 1,750          |
| MD .....                     | 640            | 3,300          | 3,600          | 3,800          | 4,000          | 4,150          |
| MA .....                     | 565            | 5,800          | 6,500          | 7,300          | 8,100          | 9,300          |
| MI .....                     | 326            | 1,890          | 2,090          | 2,280          | 2,470          | 2,680          |
| MN .....                     | 226            | 1,240          | 1,320          | 1,400          | 1,500          | 1,600          |
| MS .....                     | 234            | 1,120          | 1,200          | 1,270          | 1,330          | 1,400          |
| MO .....                     | 224            | 1,150          | 1,230          | 1,300          | 1,380          | 1,470          |
| MT .....                     | 60             | 310            | 330            | 350            | 370            | 390            |
| NE .....                     | 154            | 675            | 710            | 735            | 760            | 775            |
| NV <sup>1</sup> .....        | 53             | 420            | 435            | 450            | 465            | 480            |
| NH .....                     | 239            | 2,300          | 2,400          | 2,550          | 2,800          | 3,100          |
| NJ .....                     | 1,092          | 7,300          | 7,600          | 8,100          | 8,600          | 9,100          |
| NM <sup>1</sup> .....        | 42             | 220            | 230            | 240            | 250            | 260            |
| NY .....                     | 273            | 1,340          | 1,430          | 1,520          | 1,610          | 1,700          |
| NC .....                     | 333            | 2,240          | 2,450          | 2,680          | 2,900          | 3,100          |
| ND .....                     | 94             | 400            | 405            | 410            | 415            | 425            |
| OH .....                     | 399            | 2,190          | 2,330          | 2,470          | 2,600          | 2,740          |
| OK .....                     | 173            | 625            | 640            | 655            | 680            | 705            |
| OR .....                     | 150            | 1,000          | 1,050          | 1,100          | 1,150          | 1,200          |
| PA .....                     | 373            | 2,600          | 2,800          | 3,000          | 3,250          | 3,450          |
| RI .....                     | 734            | 6,900          | 7,300          | 7,700          | 8,300          | 9,300          |
| SC .....                     | 261            | 1,600          | 1,700          | 1,800          | 1,900          | 2,050          |
| SD .....                     | 84             | 360            | 380            | 405            | 430            | 460            |
| TN .....                     | 268            | 1,950          | 2,100          | 2,200          | 2,300          | 2,400          |
| TX .....                     | 148            | 640            | 680            | 730            | 775            | 810            |
| UT <sup>1</sup> .....        | 92             | 855            | 900            | 975            | 1,040          | 1,100          |
| VT .....                     | 224            | 1,600          | 1,700          | 1,800          | 1,900          | 2,050          |
| VA .....                     | 286            | 2,080          | 2,230          | 2,380          | 2,530          | 2,700          |
| WA .....                     | 224            | 1,200          | 1,250          | 1,300          | 1,390          | 1,480          |
| WV .....                     | 136            | 1,150          | 1,210          | 1,270          | 1,330          | 1,400          |
| WI .....                     | 232            | 1,450          | 1,700          | 1,950          | 2,150          | 2,300          |
| WY .....                     | 41             | 235            | 255            | 270            | 285            | 300            |
| 48 States <sup>2</sup> ..... | 196            | 1,030          | 1,090          | 1,150          | 1,210          | 1,270          |

<sup>1</sup> Excludes American Reservation Land. <sup>2</sup> Excludes Alaska and Hawaii.  
 NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 9-15.—Land values, cropland and pasture: By State, 2002–2003**

| State           | 2002                  |                    |                        |                      | 2003                  |                    |                        |                      |
|-----------------|-----------------------|--------------------|------------------------|----------------------|-----------------------|--------------------|------------------------|----------------------|
|                 | Cropland <sup>1</sup> | Irrigated cropland | Non-irrigated cropland | Pasture <sup>2</sup> | Cropland <sup>1</sup> | Irrigated cropland | Non-irrigated cropland | Pasture <sup>2</sup> |
|                 | Dollars               | Dollars            | Dollars                | Dollars              | Dollars               | Dollars            | Dollars                | Dollars              |
| AL .....        | 1,600                 |                    |                        | 1,300                | 1,700                 |                    |                        | 1,350                |
| AZ .....        | 5,600                 | 5,600              |                        | 450                  | 6,000                 | 6,000              |                        | 470                  |
| AR .....        | 1,180                 | 1,310              | 1,070                  | 1,150                | 1,220                 | 1,350              | 1,100                  | 1,210                |
| CA .....        | 5,730                 | 6,100              | 1,930                  | 1,400                | 5,920                 | 6,300              | 2,000                  | 1,500                |
| CO .....        | 999                   | 1,910              | 510                    | 410                  | 1,050                 | 2,000              | 540                    | 430                  |
| CT .....        |                       |                    |                        |                      |                       |                    |                        |                      |
| DE .....        | 3,500                 |                    |                        |                      | 3,850                 |                    |                        |                      |
| FL .....        | 3,730                 | 4,330              | 2,460                  | 1,950                | 3,690                 | 4,180              | 2,670                  | 2,100                |
| GA .....        | 1,970                 | 1,800              | 2,000                  | 2,500                | 2,150                 | 1,900              | 2,200                  | 2,750                |
| ID .....        | 1,600                 | 2,080              | 760                    | 700                  | 1,680                 | 2,200              | 780                    | 700                  |
| IL .....        | 2,430                 |                    |                        | 1,030                | 2,500                 |                    |                        | 1,060                |
| IN .....        | 2,440                 |                    |                        | 1,560                | 2,550                 |                    |                        | 1,660                |
| IA .....        | 2,040                 |                    |                        | 760                  | 2,120                 |                    |                        | 800                  |
| KS .....        | 679                   | 1,080              | 640                    | 400                  | 684                   | 1,080              | 645                    | 410                  |
| KY .....        | 2,000                 |                    |                        | 1,440                | 2,100                 |                    |                        | 1,460                |
| LA .....        | 1,190                 | 1,050              | 1,230                  | 1,270                | 1,240                 | 1,070              | 1,280                  | 1,310                |
| ME .....        |                       |                    |                        |                      |                       |                    |                        |                      |
| MD .....        | 3,900                 |                    |                        | 3,500                | 4,000                 |                    |                        | 3,650                |
| MA .....        |                       |                    |                        |                      |                       |                    |                        |                      |
| MI .....        | 2,150                 |                    |                        | 1,450                | 2,350                 |                    |                        | 1,600                |
| MN .....        | 1,430                 |                    |                        | 575                  | 1,520                 |                    |                        | 625                  |
| MS .....        | 1,100                 | 1,190              | 1,080                  | 1,130                | 1,160                 | 1,230              | 1,140                  | 1,200                |
| MO .....        | 1,480                 | 2,070              | 1,440                  | 980                  | 1,580                 | 2,150              | 1,540                  | 1,050                |
| MT .....        | 503                   | 1,510              | 360                    | 255                  | 520                   | 1,580              | 370                    | 270                  |
| NE .....        | 1,200                 | 1,630              | 980                    | 245                  | 1,210                 | 1,650              | 980                    | 255                  |
| NV .....        | 1,850                 | 1,850              |                        | 250                  | 1,900                 | 1,900              |                        | 255                  |
| NH .....        |                       |                    |                        |                      |                       |                    |                        |                      |
| NJ .....        | 9,000                 |                    |                        | 9,700                | 9,300                 |                    |                        | 10,000               |
| NM .....        | 1,440                 | 2,600              | 265                    | 155                  | 1,470                 | 2,650              | 270                    | 160                  |
| NY .....        | 1,320                 |                    |                        | 680                  | 1,390                 |                    |                        | 720                  |
| NC .....        | 2,750                 |                    |                        | 2,830                | 2,950                 |                    |                        | 3,010                |
| ND .....        | 450                   |                    |                        | 165                  | 460                   |                    |                        | 170                  |
| OH .....        | 2,630                 |                    |                        | 1,860                | 2,750                 |                    |                        | 1,950                |
| OK .....        | 643                   | 805                | 635                    | 435                  | 668                   | 820                | 660                    | 450                  |
| OR .....        | 1,650                 | 2,200              | 1,200                  | 440                  | 1,670                 | 2,250              | 1,200                  | 450                  |
| PA .....        | 3,350                 |                    |                        | 1,800                | 3,500                 |                    |                        | 1,850                |
| RI .....        |                       |                    |                        |                      |                       |                    |                        |                      |
| SC .....        | 1,600                 |                    |                        | 1,750                | 1,750                 |                    |                        | 1,900                |
| SD .....        | 626                   | 950                | 620                    | 210                  | 681                   | 1,000              | 675                    | 220                  |
| TN .....        | 2,270                 |                    |                        | 2,250                | 2,350                 |                    |                        | 2,350                |
| TX .....        | 871                   | 950                | 850                    | 600                  | 937                   | 1,000              | 920                    | 620                  |
| UT .....        | 2,880                 | 3,400              | 750                    | 475                  | 2,960                 | 3,500              | 775                    | 500                  |
| VT .....        |                       |                    |                        |                      |                       |                    |                        |                      |
| VA .....        | 2,550                 |                    |                        | 2,100                | 2,800                 |                    |                        | 2,250                |
| WA .....        | 1,450                 | 3,200              | 925                    | 510                  | 1,470                 | 3,200              | 950                    | 520                  |
| WV .....        | 1,920                 |                    |                        | 1,120                | 2,050                 |                    |                        | 1,200                |
| WI .....        | 2,000                 |                    |                        | 1,050                | 2,200                 |                    |                        | 1,100                |
| WY .....        | 915                   | 1,100              | 295                    | 210                  | 957                   | 1,150              | 310                    | 220                  |
| Other States .. | 5,240                 |                    |                        | 3,590                | 5,920                 |                    |                        | 3,880                |
| US .....        | 1,590                 |                    |                        | 579                  | 1,670                 |                    |                        | 607                  |

<sup>1</sup> Other cropland States include CT, ME, MA, NH, RI, and VT. <sup>2</sup> Other pasture States include CT, DE, ME, MA, NH, RI, and VT.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 9-16.—Cash rents, cropland and pasture: By State, 2002–2003**

| State  | 2002           |                    |                        |                | 2003           |                    |                        |                |
|--------|----------------|--------------------|------------------------|----------------|----------------|--------------------|------------------------|----------------|
|        | Cropland       | Irrigated cropland | Non-irrigated cropland | Pasture        | Cropland       | Irrigated cropland | Non-irrigated cropland | Pasture        |
|        | <i>Dollars</i> | <i>Dollars</i>     | <i>Dollars</i>         | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>     | <i>Dollars</i>         | <i>Dollars</i> |
| AL     | 36.00          |                    |                        | 18.00          | 35.00          |                    |                        | 18.00          |
| AZ     | 135.00         | 135.00             |                        |                | 135.00         | 135.00             |                        |                |
| AR     | 69.00          | 80.00              | 53.00                  |                | 71.00          | 78.00              | 55.00                  |                |
| CA     |                | 310.00             |                        | 11.00          |                | 300.00             |                        | 10.60          |
| CO     | 65.00          | 95.00              | 22.50                  | 4.00           | 60.00          | 93.00              | 23.00                  | 3.50           |
| CT     |                |                    |                        |                |                |                    |                        |                |
| DE     | 56.30          |                    |                        |                | 57.00          |                    |                        |                |
| FL     |                |                    | 32.00                  | 16.00          |                |                    | 32.00                  | 17.00          |
| GA     | 55.00          | 103.00             | 39.00                  | 23.00          | 56.00          | 105.00             | 40.00                  | 23.00          |
| ID     | 96.00          | 116.00             | 50.00                  |                | 97.00          | 116.00             |                        |                |
| IL     | 122.00         |                    |                        | 32.00          | 123.00         |                    |                        | 32.50          |
| IN     | 101.00         |                    |                        |                | 103.00         |                    |                        |                |
| IA     | 120.00         |                    |                        | 30.50          | 122.00         |                    |                        | 31.00          |
| KS     | 39.00          | 70.00              | 36.00                  | 12.60          | 39.00          | 68.00              | 36.00                  | 12.60          |
| KY     | 68.00          |                    |                        |                | 70.00          |                    |                        |                |
| LA     | 62.00          | 73.00              | 57.00                  | 16.00          | 62.00          | 68.00              | 59.00                  | 15.00          |
| ME     |                |                    |                        |                |                |                    |                        |                |
| MD     | 55.50          |                    |                        |                | 55.50          |                    |                        |                |
| MA     |                |                    |                        |                |                |                    |                        |                |
| MI     | 60.00          |                    |                        |                | 60.00          |                    |                        |                |
| MN     | 81.00          |                    |                        | 19.00          | 82.00          |                    |                        | 19.00          |
| MS     | 62.00          | 79.00              | 54.00                  | 17.00          | 63.00          |                    | 56.00                  | 16.00          |
| MO     |                |                    | 66.00                  | 23.00          |                |                    | 70.00                  | 23.50          |
| MT     | 24.00          | 47.00              | 18.50                  | 4.70           | 24.00          | 48.00              | 18.50                  | 4.50           |
| NE     | 90.00          | 121.00             | 66.00                  | 11.20          | 92.00          | 123.00             | 67.00                  | 11.50          |
| NV     |                |                    |                        |                |                |                    |                        |                |
| NH     |                |                    |                        |                |                |                    |                        |                |
| NJ     | 47.00          |                    |                        |                | 47.00          |                    |                        |                |
| NM     |                |                    |                        | 1.60           |                |                    |                        | 1.60           |
| NY     | 35.00          |                    |                        |                | 37.00          |                    |                        |                |
| NC     | 49.50          |                    |                        | 21.50          | 51.00          |                    |                        | 22.00          |
| ND     | 36.50          |                    |                        | 9.70           | 36.50          |                    |                        | 9.80           |
| OH     | 77.00          |                    |                        |                | 78.00          |                    |                        |                |
| OK     |                |                    | 27.00                  | 8.50           |                |                    | 27.50                  | 8.50           |
| OR     | 95.00          | 115.00             | 67.50                  |                | 98.00          | 120.00             | 65.00                  |                |
| PA     | 40.00          |                    |                        | 28.00          | 41.00          |                    |                        | 25.00          |
| RI     |                |                    |                        |                |                |                    |                        |                |
| SC     | 28.50          |                    |                        |                | 28.50          |                    |                        |                |
| SD     |                |                    | 42.00                  | 10.90          |                |                    | 45.00                  | 11.00          |
| TN     | 60.50          |                    |                        | 17.00          | 62.00          |                    |                        | 17.50          |
| TX     | 27.00          | 53.00              | 21.00                  | 7.40           | 27.30          | 55.00              | 21.00                  | 7.80           |
| UT     |                | 60.00              |                        | 10.00          |                | 61.00              |                        | 9.00           |
| VT     |                |                    |                        |                |                |                    |                        |                |
| VA     | 36.00          |                    |                        | 16.00          | 36.50          |                    |                        | 16.50          |
| WA     |                | 170.00             |                        |                |                | 175.00             |                        |                |
| WV     | 27.00          |                    |                        |                | 28.00          |                    |                        |                |
| WI     | 67.00          |                    |                        | 36.00          | 68.00          |                    |                        | 36.00          |
| WY     |                |                    |                        | 3.80           |                |                    |                        | 3.50           |
| 48 Sts | 71.60          |                    |                        | 9.20           | 73.00          |                    |                        | 9.00           |

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 9-17.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1993–2002<sup>1</sup>**

| Item   | 1993                   | 1994                   | 1995                   | 1996                   | 1997                   |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|
| <b>ASSETS</b>                                    |                        |                        |                        |                        |                        |
| Physical assets:                                 | <i>Billion dollars</i> | <i>Billion dollars</i> | <i>Billion dollars</i> | <i>Billion dollars</i> | <i>Billion dollars</i> |
| Real estate .....                                | 677.6                  | 704.1                  | 740.5                  | 769.5                  | 808.2                  |
| Non-real estate:                                 |                        |                        |                        |                        |                        |
| Livestock <sup>2</sup> .....                     | 72.8                   | 67.9                   | 57.8                   | 60.3                   | 67.1                   |
| Machinery and motor vehicles .....               | 85.4                   | 86.8                   | 87.6                   | 88.0                   | 88.7                   |
| Crops stored on and off farms <sup>3</sup> ..... | 23.3                   | 23.3                   | 27.4                   | 31.7                   | 32.7                   |
| Purchased inputs .....                           | 3.8                    | 5.0                    | 3.4                    | 4.4                    | 4.9                    |
| Financial assets: <sup>4</sup>                   | 46.3                   | 47.6                   | 49.1                   | 49.0                   | 49.7                   |
| Total <sup>5</sup> .....                         | 909.2                  | 934.7                  | 965.7                  | 1,002.9                | 1,051.3                |
| <b>CLAIMS</b>                                    |                        |                        |                        |                        |                        |
| Liabilities:                                     |                        |                        |                        |                        |                        |
| Real estate debt .....                           | 68.4                   | 69.9                   | 71.7                   | 74.4                   | 78.5                   |
| Non-real estate debt to—                         |                        |                        |                        |                        |                        |
| Reporting institutions <sup>6</sup> .....        | 52.1                   | 54.3                   | 55.6                   | 57.2                   | 60.4                   |
| Nonreporting creditors <sup>7</sup> .....        | 13.8                   | 14.7                   | 15.7                   | 16.9                   | 18.0                   |
| Total liabilities <sup>5</sup> .....             | 134.3                  | 138.9                  | 143.0                  | 148.6                  | 156.9                  |
| Proprietors' equity .....                        | 774.9                  | 795.8                  | 822.8                  | 854.3                  | 894.4                  |
| Total <sup>5</sup> .....                         | 909.2                  | 934.7                  | 965.8                  | 1,002.9                | 1,051.3                |
| <b>ASSETS</b>                                    |                        |                        |                        |                        |                        |
| Physical assets:                                 | <i>Billion dollars</i> | <i>Billion dollars</i> | <i>Billion dollars</i> | <i>Billion dollars</i> | <i>Billion dollars</i> |
| Real estate .....                                | 840.4                  | 887.0                  | 946.4                  | 996.2                  | 1,045.7                |
| Non-real estate:                                 |                        |                        |                        |                        |                        |
| Livestock <sup>2</sup> .....                     | 63.4                   | 73.2                   | 76.8                   | 73.5                   | 75.6                   |
| Machinery and motor vehicles .....               | 89.8                   | 89.8                   | 90.1                   | 92.8                   | 93.6                   |
| Crops stored on and off farms <sup>3</sup> ..... | 29.7                   | 28.3                   | 27.9                   | 25.2                   | 23.1                   |
| Purchased inputs .....                           | 5.0                    | 4.0                    | 4.9                    | 4.2                    | 5.6                    |
| Financial assets: <sup>4</sup>                   | 54.8                   | 56.5                   | 57.1                   | 58.9                   | 60.4                   |
| Total <sup>5</sup> .....                         | 1,083.1                | 1,138.1                | 1,203.2                | 1,255.9                | 1,304.0                |
| <b>CLAIMS</b>                                    |                        |                        |                        |                        |                        |
| Liabilities:                                     |                        |                        |                        |                        |                        |
| Real estate debt .....                           | 83.1                   | 87.2                   | 91.1                   | 96.1                   | 103.4                  |
| Non-real estate debt to—                         |                        |                        |                        |                        |                        |
| Reporting institutions <sup>6</sup> .....        | 62.8                   | 61.1                   | 65.7                   | 68.4                   | 68.1                   |
| Nonreporting creditors <sup>7</sup> .....        | 18.7                   | 19.4                   | 20.8                   | 21.3                   | 21.9                   |
| Total liabilities <sup>5</sup> .....             | 164.6                  | 167.7                  | 177.6                  | 185.7                  | 193.3                  |
| Proprietors' equity .....                        | 918.5                  | 971.1                  | 1,025.6                | 1,070.2                | 1,110.7                |
| Total <sup>5</sup> .....                         | 1,083.1                | 1,138.1                | 1,203.2                | 1,255.9                | 1,304.0                |

<sup>1</sup>Farms are defined as places with sales greater than \$1,000 annually. <sup>2</sup>Horses and mules are excluded. <sup>3</sup>Excludes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans. <sup>4</sup>Includes farm share of currency and demand deposits. <sup>5</sup>Total of rounded data. <sup>6</sup>Loans of all operating banks, the Farm Credit System, and direct loans of the Farm Service Agency. <sup>7</sup>Loans and credits extended by dealers, merchants, finance companies, individuals, and others. <sup>8</sup>Preliminary.

ERS, Farm Sector Performance and Well-Being Branch, (202) 694-5586.

**Table 9-18.—Farm labor: Number of workers on farms and average wage rates, United States, 1995–2004 <sup>1</sup>**

| Year                 | Total workers    | Self-employed and unpaid workers <sup>2</sup> | Ag service workers <sup>3</sup> | Hired workers <sup>3 4</sup> | Hired workers <sup>3 4</sup> |
|----------------------|------------------|---|---------------------------------|------------------------------|------------------------------|
|                      | Number           | Number  | Number                          | Number                       | Wage rates                   |
| 1995.                |                  |   |                                 |                              |                              |
| Jan .....            | 2,460            | 1,691   | 140                             | 629                          | 6.73                         |
| Apr .....            | 2,857            | 1,821   | 214                             | 822                          | 6.49                         |
| July .....           | 3,672            | 2,258   | 348                             | 1,066                        | 6.44                         |
| Oct .....            | 3,383            | 2,127   | 302                             | 954                          | 6.58                         |
| Annual average ..... |                  | 1,967.1                                       | ( <sup>5</sup> )                | 868.5                        | 6.54                         |
| 1996.                |                  |   |                                 |                              |                              |
| Jan .....            | 2,462            | 1,749   | 115                             | 598                          | 6.89                         |
| Apr .....            | 2,906            | 1,919   | 207                             | 780                          | 6.76                         |
| July .....           | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 331                             | 1,015                        | 6.55                         |
| Oct .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 291                             | 935                          | 6.97                         |
| Annual average ..... |                  | 2,010   | ( <sup>5</sup> )                | 832                          | 6.78                         |
| 1997.                |                  |   |                                 |                              |                              |
| Jan .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 131                             | 624                          | 7.20                         |
| Apr .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 207                             | 808                          | 7.03                         |
| July .....           | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 340                             | 1,069                        | 6.88                         |
| Oct .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 283                             | 1,004                        | 7.31                         |
| Annual average ..... |                  | 1,989.9                                       | ( <sup>5</sup> )                | 875.5                        | 7.35                         |
| 1998.                |                  |   |                                 |                              |                              |
| Jan .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 141                             | 661                          | 7.61                         |
| Apr .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 202                             | 803                          | 7.49                         |
| July .....           | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 379                             | 1,071                        | 7.25                         |
| Oct .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 263                             | 983                          | 7.60                         |
| Annual average ..... |                  | 1,946.6                                       | ( <sup>5</sup> )                | 879.5                        | 7.47                         |
| 1999.                |                  |   |                                 |                              |                              |
| Jan .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 157                             | 705                          | 7.94                         |
| Apr .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 160                             | 867                          | 7.83                         |
| July .....           | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 319                             | 1,155                        | 7.58                         |
| Oct .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 290                             | 989                          | 7.83                         |
| Annual average ..... |                  | 2,048.4                                       | ( <sup>5</sup> )                | 929                          | 7.77                         |
| 2000.                |                  |   |                                 |                              |                              |
| Jan .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 172                             | 685                          | 8.10                         |
| Apr .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 217                             | 840                          | 8.09                         |
| July .....           | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 203                             | 1,084                        | 7.93                         |
| Oct .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 288                             | 952                          | 8.29                         |
| Annual average ..... |                  | 2,062.3                                       | ( <sup>5</sup> )                | 890.3                        | 8.10                         |
| 2001.                |                  |   |                                 |                              |                              |
| Jan .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 165                             | 691                          | 8.66                         |
| Apr .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 215                             | 804                          | 8.31                         |
| July .....           | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 335                             | 1,039                        | 8.29                         |
| Oct .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 262                             | 991                          | 8.59                         |
| Annual average ..... |                  | 2,049.8                                       | ( <sup>5</sup> )                | 873.3                        | 8.45                         |
| 2002.                |                  |   |                                 |                              |                              |
| Jan .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 183                             | 707                          | 8.97                         |
| Apr .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 189                             | 890                          | 8.83                         |
| July .....           | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 256                             | 1,006                        | 8.57                         |
| Oct .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 271                             | 940                          | 8.95                         |
| Annual average ..... |                  | ( <sup>6</sup> )                              | ( <sup>5</sup> )                | 884.5                        | 8.80                         |
| 2003.                |                  |   |                                 |                              |                              |
| Jan .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 160                             | 729                          | 9.34                         |
| Apr .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 157                             | 781                          | 9.16                         |
| July .....           | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 320                             | 943                          | 8.88                         |
| Oct .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 306                             | 891                          | 9.05                         |
| Annual average ..... |                  | ( <sup>6</sup> )                              | ( <sup>5</sup> )                | 836                          | 9.08                         |
| 2004.                |                  |   |                                 |                              |                              |
| Jan .....            | ( <sup>6</sup> ) | ( <sup>6</sup> )                              | 180                             | 667                          | 9.41                         |

<sup>1</sup> Beginning in July 1984, three surveys a year were conducted in the 48 contiguous States and Hawaii. In 1989, January was added to the survey program. Data are obtained from establishments for the week that includes the 12th. <sup>2</sup> Includes farm operators and partners doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during the survey week without cash wages. <sup>3</sup> Includes all persons doing farm work for pay during the survey week. <sup>4</sup> Excludes agricultural service workers. <sup>5</sup> Annual average not computed. <sup>6</sup> Discontinued.

**Table 9-19.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions, 2003<sup>1 2</sup>**

| State and region <sup>3</sup> | Workers on farms | Farm wage rates  |                  |                     |                                |
|-------------------------------|------------------|------------------|------------------|---------------------|--------------------------------|
|                               | Hired            | Type of worker   |                  |                     |                                |
|                               |                  | Field            | Livestock        | Field and livestock | All hired workers <sup>4</sup> |
|                               | Thousands        | Dollars per hour | Dollars per hour | Dollars per hour    | Dollars per hour               |
| <i>Jan. 12–18, 2003</i>       |                  |                  |                  |                     |                                |
| Northeast I .....             | 32               | 10.02            | 8.36             | 9.12                | 10.03                          |
| Northeast II .....            | 23               | 9.16             | 8.34             | 8.83                | 9.83                           |
| Appalachian I .....           | 27               | 8.22             | 8.58             | 8.40                | 9.34                           |
| Appalachian II .....          | 32               | 7.34             | 7.87             | 7.60                | 7.98                           |
| Southeast .....               | 24               | 7.50             | 8.96             | 8.12                | 8.87                           |
| FL .....                      | 70               | 7.80             | 8.30             | 7.87                | 8.81                           |
| Lake .....                    | 45               | 10.51            | 9.44             | 9.65                | 10.54                          |
| Cornbelt I .....              | 23               | 9.68             | 8.64             | 9.01                | 9.72                           |
| Cornbelt II .....             | 20               | 9.24             | 9.01             | 9.08                | 9.50                           |
| Delta .....                   | 18               | 8.56             | 7.89             | 8.30                | 8.63                           |
| N. Plains .....               | 23               | 9.18             | 9.43             | 9.37                | 10.00                          |
| S. Plains .....               | 50               | 8.13             | 8.51             | 8.29                | 8.85                           |
| Mountain I .....              | 10               | 8.51             | 8.17             | 8.25                | 8.53                           |
| Mountain II .....             | 20               | 9.15             | 8.73             | 8.85                | 9.66                           |
| Mountain III .....            | 22               | 6.92             | 8.22             | 7.48                | 8.12                           |
| Pacific .....                 | 48               | 8.63             | 9.93             | 8.87                | 9.71                           |
| CA .....                      | 235              | 8.22             | 10.10            | 8.46                | 9.44                           |
| HI .....                      | 7                | 9.31             | .....            | 9.36                | 11.04                          |
| US (49 States) .....          | 729              | 8.30             | 8.90             | 8.50                | 9.34                           |
| <i>Apr. 6–12, 2003</i>        |                  |                  |                  |                     |                                |
| Northeast I .....             | 39               | 9.76             | 8.55             | 9.27                | 10.24                          |
| Northeast II .....            | 30               | 8.75             | 8.20             | 8.63                | 9.68                           |
| Appalachian I .....           | 29               | 8.18             | 8.37             | 8.24                | 8.77                           |
| Appalachian II .....          | 29               | 7.32             | 7.24             | 7.28                | 7.64                           |
| Southeast .....               | 27               | 7.58             | 8.78             | 8.07                | 8.71                           |
| FL .....                      | 53               | 8.05             | 8.10             | 8.06                | 8.86                           |
| Lake .....                    | 56               | 9.31             | 9.20             | 9.26                | 9.90                           |
| Cornbelt I .....              | 50               | 9.29             | 9.32             | 9.30                | 9.99                           |
| Cornbelt II .....             | 24               | 9.94             | 10.00            | 9.97                | 10.71                          |
| Delta .....                   | 31               | 7.20             | 7.54             | 7.25                | 7.63                           |
| N. Plains .....               | 28               | 9.08             | 9.28             | 9.16                | 9.46                           |
| S. Plains .....               | 49               | 7.62             | 7.98             | 7.75                | 8.31                           |
| Mountain I .....              | 19               | 7.63             | 7.68             | 7.66                | 7.93                           |
| Mountain II .....             | 22               | 8.32             | 8.86             | 8.60                | 9.43                           |
| Mountain III .....            | 16               | 7.10             | 8.24             | 7.52                | 7.93                           |
| Pacific .....                 | 52               | 8.82             | 9.28             | 8.90                | 9.34                           |
| CA .....                      | 220              | 8.33             | 10.15            | 8.48                | 9.22                           |
| HI .....                      | 7                | 9.58             | .....            | 9.63                | 11.50                          |
| US (49 States) .....          | 781              | 8.40             | 8.75             | 8.49                | 9.16                           |

See footnotes at end of table.

**Table 9-19.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions<sup>1 2</sup>, 2003—Continued**

| State and region <sup>3</sup> | Workers on farms |                  | Farm wage rates  |                     |                  |                                |
|-------------------------------|------------------|------------------|------------------|---------------------|------------------|--------------------------------|
|                               | Hired            | Type of worker   |                  |                     |                  | All hired workers <sup>4</sup> |
|                               |                  | Field            | Livestock        | Field and livestock |                  |                                |
|                               | Thousands        | Dollars per hour | Dollars per hour | Dollars per hour    | Dollars per hour |                                |
| <i>July 6–12, 2003</i>        |                  |                  |                  |                     |                  |                                |
| Northeast I .....             | 53               | 8.77             | 8.10             | 8.54                | 9.54             |                                |
| Northeast II .....            | 45               | 8.18             | 8.56             | 8.25                | 8.93             |                                |
| Appalachian I .....           | 53               | 7.61             | 8.17             | 7.76                | 8.30             |                                |
| Appalachian II .....          | 36               | 7.79             | 7.98             | 7.88                | 8.27             |                                |
| Southeast .....               | 35               | 7.55             | 7.87             | 7.61                | 8.08             |                                |
| FL .....                      | 45               | 8.55             | 8.30             | 8.51                | 9.55             |                                |
| Lake .....                    | 62               | 8.34             | 8.95             | 8.55                | 9.36             |                                |
| Cornbelt I .....              | 53               | 8.44             | 9.71             | 8.78                | 9.45             |                                |
| Cornbelt II .....             | 23               | 9.60             | 8.87             | 9.31                | 9.51             |                                |
| Delta .....                   | 25               | 7.13             | 8.03             | 7.35                | 7.70             |                                |
| No. Plains .....              | 37               | 7.89             | 8.79             | 8.15                | 8.52             |                                |
| So. Plains .....              | 61               | 7.62             | 7.58             | 7.60                | 8.15             |                                |
| Mountain I .....              | 31               | 7.27             | 7.41             | 7.34                | 7.63             |                                |
| Mountain II .....             | 24               | 7.86             | 8.62             | 8.06                | 8.56             |                                |
| Mountain III .....            | 18               | 7.11             | 8.41             | 7.55                | 8.07             |                                |
| Pacific .....                 | 110              | 8.03             | 10.95            | 8.32                | 8.74             |                                |
| CA .....                      | *225             | *8.43            | *9.65            | *8.55               | *9.22            |                                |
| HI .....                      | 7                | 9.55             | .....            | 9.55                | 11.25            |                                |
| US (49 States) .....          | *943             | *8.17            | *8.57            | *8.26               | 8.88             |                                |
| <i>October 12–18, 2003</i>    |                  |                  |                  |                     |                  |                                |
| Northeast I .....             | 40               | 9.62             | 8.64             | 9.33                | 10.12            |                                |
| Northeast II .....            | 34               | 8.79             | 8.27             | 8.66                | 9.59             |                                |
| Appalachian I .....           | 45               | 8.19             | 7.92             | 8.10                | 8.66             |                                |
| Appalachian II .....          | 38               | 7.56             | 8.12             | 7.70                | 8.04             |                                |
| Southeast .....               | 38               | 7.90             | 7.84             | 7.88                | 8.26             |                                |
| FL .....                      | 49               | 8.55             | 7.95             | 8.48                | 9.53             |                                |
| Lake .....                    | 72               | 9.25             | 9.11             | 9.20                | 9.70             |                                |
| Cornbelt I .....              | 45               | 8.76             | 9.67             | 8.91                | 9.34             |                                |
| Cornbelt II .....             | 26               | 8.62             | 9.83             | 8.87                | 9.30             |                                |
| Delta .....                   | 31               | 7.01             | 7.15             | 7.05                | 7.48             |                                |
| No. Plains .....              | 35               | 9.29             | 8.59             | 9.07                | 9.31             |                                |
| So. Plains .....              | 54               | 7.12             | 7.70             | 7.39                | 8.01             |                                |
| Mountain I .....              | 33               | 7.80             | 8.05             | 7.93                | 8.24             |                                |
| Mountain II .....             | 20               | 8.11             | 8.12             | 8.11                | 8.97             |                                |
| Mountain III .....            | 18               | 7.16             | 8.73             | 7.63                | 8.18             |                                |
| Pacific .....                 | 76               | 8.90             | 10.10            | 9.11                | 9.62             |                                |
| CA .....                      | 230              | 8.37             | 9.80             | 8.54                | 9.13             |                                |
| HI .....                      | 7                | 9.82             | .....            | 9.88                | 11.56            |                                |
| US (49 States) .....          | 891              | 8.42             | 8.64             | 8.47                | 9.05             |                                |

<sup>1</sup> Excludes agricultural service workers. <sup>2</sup> Includes all persons doing work for pay during the survey week. <sup>3</sup> Regions consist of the following: Northeast I: CT, ME, MA, NH, NY, RI, VT; Northeast II: DE, MD, NJ, PA; Appalachian I: NC, VA; Appalachian II: KY, TN, WV; Southeast: AL, GA, SC; Lake: MI, MN, WI; Cornbelt I: IL, IN, OH; Cornbelt II: IA, MO; Delta: AR, LA, MS; No. Plains: KS, NE, ND, SD; So. Plains: OK, TX; Mountain I: ID, MT, WY; Mountain II: CO, NV, UT; Mountain III: AZ, NM; Pacific: OR, WA. <sup>4</sup> Includes field, livestock, supervisors, and other workers doing work for pay during the survey week. \* Revised.



**Table 9-20.—Farm production and output: Index numbers of total output, and production of livestock, crops, and secondary output, by groups, United States, 1990–1999**  
[1992=100]

| Year       | Livestock and products |   |                           |                             |                               |
|------------|------------------------|---|---------------------------|-----------------------------|-------------------------------|
|            | Farm output            | All livestock and products <sup>1</sup> | Meat animals <sup>2</sup> | Dairy products <sup>3</sup> | Poultry and eggs <sup>4</sup> |
| 1990 ..... | 0.900                  | 0.901                                   | 0.920                     | 0.955                       | 0.761                         |
| 1991 ..... | 0.906                  | 0.920                                   | 0.929                     | 0.955                       | 0.794                         |
| 1992 ..... | 0.956                  | 0.946                                   | 0.947                     | 0.977                       | 0.833                         |
| 1993 ..... | 0.911                  | 0.957                                   | 0.952                     | 0.976                       | 0.869                         |
| 1994 ..... | 1.018                  | 1.007                                   | 1.007                     | 0.996                       | 0.912                         |
| 1995 ..... | 0.965                  | 1.022                                   | 1.029                     | 1.008                       | 0.947                         |
| 1996 ..... | 1.000                  | 1.000                                   | 1.000                     | 1.000                       | 1.000                         |
| 1997 ..... | 1.044                  | 1.034                                   | 1.033                     | 1.014                       | 1.022                         |
| 1998 ..... | 1.045                  | 1.044                                   | 1.035                     | 1.022                       | 1.041                         |
| 1999 ..... | 1.065                  | 1.076                                   | 1.066                     | 1.058                       | 1.087                         |

| Year       | Crops     |              |              |                               |                                   |
|------------|-----------|--------------|--------------|-------------------------------|-----------------------------------|
|            | All crops | Cereal crops | Forage crops | Industrial crops <sup>5</sup> | Vegetables and horticulture crops |
| 1990 ..... | 0.894     | 0.940        | 0.991        | 0.850                         | 0.823                             |
| 1991 ..... | 0.885     | 0.834        | 1.019        | 0.992                         | 0.848                             |
| 1992 ..... | 0.964     | 1.047        | 0.994        | 0.939                         | 0.869                             |
| 1993 ..... | 0.868     | 0.791        | 0.981        | 0.849                         | 0.909                             |
| 1994 ..... | 1.031     | 1.057        | 1.011        | 1.056                         | 1.001                             |
| 1995 ..... | 0.920     | 0.833        | 1.014        | 0.932                         | 0.961                             |
| 1996 ..... | 1.000     | 1.000        | 1.000        | 1.000                         | 1.000                             |
| 1997 ..... | 1.043     | 1.005        | 1.040        | 1.104                         | 1.015                             |
| 1998 ..... | 1.031     | 1.044        | 1.031        | 1.044                         | 1.021                             |
| 1999 ..... | 1.035     | 1.003        | 1.076        | 1.034                         | 1.061                             |

| Year       | Crops           |                               |
|------------|-----------------|-------------------------------|
|            | Fruits and nuts | Secondary output <sup>6</sup> |
| 1990 ..... | 0.915           | 0.987                         |
| 1991 ..... | 0.907           | 1.047                         |
| 1992 ..... | 0.959           | 0.981                         |
| 1993 ..... | 1.016           | 1.012                         |
| 1994 ..... | 1.071           | 0.982                         |
| 1995 ..... | 0.996           | 1.050                         |
| 1996 ..... | 1.000           | 1.000                         |
| 1997 ..... | 1.184           | 1.149                         |
| 1998 ..... | 1.037           | 1.207                         |
| 1999 ..... | 1.129           | 1.289                         |

<sup>1</sup> Includes wool, mohair, horses, mules, honey, beeswax, bees, goats, rabbits, aquaculture, and fur animals. These items are not included in the separate groups of livestock and products shown. <sup>2</sup> Cattle and calves, sheep and lambs, and hogs. <sup>3</sup> Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. <sup>4</sup> Chicken eggs, commercial broilers, chickens, and turkeys. <sup>5</sup> Includes soybeans, peanuts harvested for nuts, sunflower seed, flaxseed, cottonseed, cotton lint, tobacco, sugar crops, forest products, legumes and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber. <sup>6</sup> These activities are defined as activities closely linked to agriculture for which information on production and input use cannot be separately observed.

ERS, Resources, Technology and Production Branch (202) 694-5601.

**Table 9-21.—Hired farmworkers: Number of Workers and Median Weekly Earnings, 2001–2003<sup>1</sup>**

| Characteristics                               | Workers          |                  |                   | Median Weekly Earnings <sup>2</sup> |                |                   |
|---|------------------|------------------|-------------------|-------------------------------------|----------------|-------------------|
|   | 2001             | 2002             | 2003 <sup>3</sup> | 2001                                | 2002           | 2003 <sup>3</sup> |
|   | <i>Thousands</i> | <i>Thousands</i> | <i>Thousands</i>  | <i>Dollars</i>                      | <i>Dollars</i> | <i>Dollars</i>    |
| All workers .....                             | 878              | 745              | 793               | 280                                 | 300            | 300               |
| 15–19 years old .....                         | 123              | 109              | 104               | 140                                 | 132            | 156               |
| 20–24 years old .....                         | 104              | 87               | 130               | 280                                 | 280            | 280               |
| 25–34 years old .....                         | 204              | 171              | 161               | 313                                 | 313            | 320               |
| 35–44 years old .....                         | 208              | 189              | 182               | 300                                 | 342            | 338               |
| 45–54 years old .....                         | 127              | 108              | 122               | 350                                 | 345            | 350               |
| 55 years old and older .....                  | 111              | 81               | 94                | 270                                 | 360            | 315               |
| Male .....                                    | 720              | 601              | 624               | 300                                 | 320            | 320               |
| Female .....                                  | 158              | 144              | 169               | 246                                 | 248            | 270               |
| White <sup>3</sup> .....                      | 414              | 366              | 413               | 320                                 | 320            | 315               |
| Black and other races <sup>3</sup> .....      | 56               | 38               | 47                | 270                                 | 314            | 310               |
| Hispanic .....                                | 408              | 341              | 333               | 280                                 | 300            | 300               |
| Schooling completed                           |                  |                  |                   |                                     |                |                   |
| Less than 5th grade .....                     | 117              | 79               | 88                | 260                                 | 300            | 315               |
| 5th–8th grade .....                           | 185              | 158              | 158               | 276                                 | 280            | 290               |
| 9th–12th grade (no diploma) ..                | 186              | 174              | 168               | 238                                 | 250            | 280               |
| High school diploma .....                     | 226              | 203              | 219               | 338                                 | 346            | 338               |
| Beyond high school .....                      | 164              | 131              | 160               | 385                                 | 400            | 346               |
| Full-time (35 or more hours per week) .....   | 709              | 601              | 654               | 319                                 | 345            | 334               |
| Part-time (less than 35 hours per week) ..... | 169              | 144              | 139               | 120                                 | 130            | 120               |

<sup>1</sup> Represents average number of persons 15 years old and over in the civilian noninstitutional population who were employed per week as hired farmworkers. Based on the Current Population Survey microdata earnings file. <sup>2</sup> "Median weekly earnings" is the value that divides the earnings into two equal parts, one part having earnings above the median and the other part having earnings below the median. "Earnings" refers to the weekly earnings the farmworker usually earns at a farmwork job, before deductions, and includes any overtime pay or commissions. <sup>3</sup> Excludes persons of Hispanic origin.

ERS, Rural Economy Branch, (202) 694–5438.

**Table 9-22.—Crops: Area, United States, 1994–2003**

| Year                    | Principal crops          |                          |                    |                                 | Commercial vegetables, harvested area <sup>5</sup> | Fruits and nuts, bearing area <sup>6</sup> |
|-------------------------|--------------------------|--------------------------|--------------------|---------------------------------|--|--|
|                         | Area harvested           |                          |                    | Area planted total <sup>3</sup> |  |  |
|                         | Feed grains <sup>1</sup> | Food grains <sup>2</sup> | Total <sup>3</sup> |                                 |  |  |
|                         | <i>1,000 acres</i>       | <i>1,000 acres</i>       | <i>1,000 acres</i> | <i>1,000 acres</i>              | <i>1,000 acres</i>                                 | <i>1,000 acres</i>                         |
| 1994 .....              | 92,071                   | 65,493                   | 307,905            | 323,699                         | 3,484.9  | 3,748.4                                    |
| 1995 .....              | 82,694                   | 64,433                   | 301,349            | 318,289                         | 3,432.3  | 3,825.6                                    |
| 1996 .....              | 93,817                   | 65,968                   | 313,202            | 333,682                         | 3,371.8  | 3,919.2                                    |
| 1997 .....              | 90,840                   | 66,259                   | 317,662            | 332,072                         | 3,270.3  | 4,004.2                                    |
| 1998 .....              | 88,918                   | 62,677                   | 311,475            | 329,970                         | 3,303.6  | 4,024.9                                    |
| 1999 .....              | 86,049                   | 57,668                   | 311,967            | 329,255                         | 3,419.9  | 4,068.7                                    |
| 2000 <sup>4</sup> ..... | 87,691                   | 56,398                   | 307,955            | 328,685                         | 3,509.6  | 4,086.0                                    |
| 2001 <sup>4</sup> ..... | 83,531                   | 52,037                   | 303,560            | 324,584                         | 3,371.3  | 4,073.8                                    |
| 2002 <sup>5</sup> ..... | 82,636                   | 49,294                   | 299,147            | 327,284                         | 3,292.7  | 4,057.0                                    |
| 2003 <sup>5</sup> ..... | 85,849                   | 56,175                   | 307,171            | 325,335                         | 3,289.3  | 3,977.1                                    |

<sup>1</sup> Corn for grain, oats, barley, and sorghum for grain. <sup>2</sup> Wheat, rye, and rice. <sup>3</sup> Crops included in area planted and area harvested are corn, sorghum, oats, barley, winter wheat, rye, durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, and sugarbeets. Harvested acreage for all hay, tobacco, and sugarcane are used in computing total area planted. <sup>4</sup> For the 2000 crop year many changes occurred to the National Vegetable Estimation Program. Nine new commodities were added to the program. Additionally, States were added or dropped from the seasonal program. Some States were discontinued for the seasonal forecasts but remained in the program on an annual basis. When comparing 2001 and 2000 data to 1999 data, comparable States should be used. <sup>5</sup> For the 2002 crop year, many changes occurred to the National Vegetable Estimation Program. Ten fresh market commodities and two processing commodities were removed from the program. States were removed from the program for certain commodities. When comparing 2000 and 2001 data to 2002 data, comparable States should be used. If you need assistance with these comparisons, please contact Biz Wallingsford at (202) 720-2157. For details on the 2002 program changes see the following website: <http://www.usda.gov/nass/events/programchg/vegprogchngs.htm>. <sup>6</sup> Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, Temples, grapefruit, lemons, limes, tangelos, and K-Early Citrus (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, bananas, nectarines, figs, kiwifruit, olives, avocados, papayas, dates, berries, guavas, cranberries, pineapples and strawberries; nuts—almonds, hazelnuts, macadamias, pistachios, and walnuts.

NASS, Crops Branch, (202) 720–2127.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003**

| Crop                                      | Area harvested |                   | Yield per harvested acre |        |                   |
|---|----------------|-------------------|--------------------------|--------|-------------------|
|   | 2002           | 2003 <sup>1</sup> | Unit                     | 2002   | 2003 <sup>1</sup> |
|   | 1,000<br>acres | 1,000<br>acres    |                          |        |                   |
| <b>Grains &amp; Hay:</b>                  |                |                   |                          |        |                   |
| Barley <sup>2</sup> .....                 | 4,123.0        | 4,688.0           | Bushel ....              | 55.0   | 58.9              |
| Corn for Grain .....                      | 69,330.0       | 71,139.0          | Bushel ....              | 129.3  | 142.2             |
| Corn for Silage .....                     | 7,122.0        | 6,528.0           | Ton .....                | 14.4   | 16.2              |
| Hay, All .....                            | 63,942.0       | 63,342.0          | Ton .....                | 2.34   | 2.48              |
| Alfalfa .....                             | 22,923.0       | 23,578.0          | Ton .....                | 3.19   | 3.24              |
| All Other .....                           | 41,019.0       | 39,764.0          | Ton .....                | 1.86   | 2.03              |
| Oats <sup>2</sup> .....                   | 2,058.0        | 2,224.0           | Bushel ....              | 56.4   | 65.0              |
| Proso Millet .....                        | 275.0          | 620.0             | Bushel ....              | 13.3   | 18.5              |
| Rice .....                                | 3,207.0        | 2,997.0           | Pound ....               | 6,578  | 6,645             |
| Rye <sup>2</sup> .....                    | 263.0          | 339.0             | Bushel ....              | 24.7   | 27.3              |
| Sorghum for Grain .....                   | 7,125.0        | 7,798.0           | Bushel ....              | 50.6   | 52.7              |
| Sorghum for Silage .....                  | 408.0          | 343.0             | Ton .....                | 9.6    | 10.4              |
| Wheat, All <sup>2</sup> .....             | 45,824.0       | 52,839.0          | Bushel ....              | 35.0   | 44.2              |
| Winter <sup>2</sup> .....                 | 29,742.0       | 36,541.0          | Bushel ....              | 38.2   | 46.7              |
| Durum .....                               | 2,709.0        | 2,869.0           | Bushel ....              | 29.5   | 33.7              |
| Other Spring .....                        | 13,373.0       | 13,429.0          | Bushel ....              | 29.1   | 39.7              |
| <b>Oilseeds:</b>                          |                |                   |                          |        |                   |
| Canola .....                              | 1,281.0        | 1,068.0           | Pound ....               | 1,197  | 1,416             |
| Cottonseed .....                          |                |                   | Ton .....                |        |                   |
| Flaxseed .....                            | 703.0          | 583.0             | Bushel ....              | 16.9   | 17.9              |
| Mustard Seed .....                        | 175.0          | 107.0             | Pound ....               | 655    | 723               |
| Peanuts .....                             | 1,291.7        | 1,312.0           | Pound ....               | 2,571  | 3,159             |
| Rapeseed .....                            | 3.1            | 1.2               | Pound ....               | 1,294  | 949               |
| Safflower .....                           | 185.0          | 212.0             | Pound ....               | 1,435  | 1,286             |
| Soybeans for Beans .....                  | 72,497.0       | 72,321.0          | Bushel ....              | 38.0   | 33.4              |
| Sunflower .....                           | 2,167.0        | 2,197.0           | Pound ....               | 1,131  | 1,213             |
| <b>Cotton, Tobacco &amp; Sugar Crops:</b> |                |                   |                          |        |                   |
| Cotton, All .....                         | 12,416.6       | 12,058.0          | Pound ....               | 665    | 725               |
| Upland .....                              | 12,174.0       | 11,880.0          | Pound ....               | 652    | 719               |
| Amer-Pima .....                           | 242.6          | 178.0             | Pound ....               | 1,342  | 1,157             |
| Sugarbeets .....                          | 1,360.7        | 1,347.9           | Ton .....                | 20.4   | 22.7              |
| Sugarcane .....                           | 1,023.2        | 996.8             | Ton .....                | 34.7   | 34.5              |
| Tobacco .....                             | 428.3          | 416.2             | Pound ....               | 2,043  | 1,997             |
| <b>Dry Beans, Peas &amp; Lentils:</b>     |                |                   |                          |        |                   |
| Austrian Winter Peas .....                | 13.0           | 15.6              | Pound ....               | 1,408  | 1,115             |
| Dry Edible Beans .....                    | 1,738.9        | 1,346.9           | Pound ....               | 1,743  | 1,672             |
| Dry Edible Peas .....                     | 285.5          | 328.5             | Pound ....               | 1,656  | 1,584             |
| Lentils .....                             | 215.0          | 237.0             | Pound ....               | 1,196  | 1,030             |
| Wrinkled Seed Peas .....                  |                |                   | NA .....                 |        |                   |
| <b>Potatoes &amp; Misc.:</b>              |                |                   |                          |        |                   |
| Coffee (HI) .....                         | 5.9            | 5.9               | Pound ....               | 1,270  | 1,470             |
| Ginger Root (HI) .....                    | 0.3            | 0.2               | Pound ....               | 45,000 | 37,500            |
| Hops .....                                | 29.3           | 28.7              | Pound ....               | 1,990  | 1,903             |
| Maple syrup .....                         |                |                   | NA .....                 |        |                   |
| Mushrooms .....                           |                |                   | NA .....                 |        |                   |
| Peppermint Oil .....                      | 78.5           | 78.2              | Pound ....               | 89     | 89                |
| Potatoes, All .....                       | 1,265.9        | 1,250.3           | Cwt .....                | 362    | 367               |
| Winter .....                              | 15.7           | 14.3              | Cwt .....                | 268    | 282               |
| Spring .....                              | 86.1           | 84.7              | Cwt .....                | 261    | 288               |
| Summer .....                              | 58.9           | 59.3              | Cwt .....                | 304    | 324               |
| Fall .....                                | 1,105.2        | 1,092.0           | Cwt .....                | 374    | 377               |
| Spearmint Oil .....                       | 18.4           | 15.8              | Pound ....               | 109    | 113               |
| Sweet Potatoes .....                      | 82.3           | 92.4              | Cwt .....                | 156    | 172               |
| Taro (HI) .....                           | 0.4            | 0.4               | Pound ....               |        |                   |

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003—Continued**

| Crop                                      | Production |                              |                              | Value of production <sup>13</sup> |                                |
|---|------------|------------------------------|------------------------------|-----------------------------------|--------------------------------|
|   | Unit       | 2002                         | 2003 <sup>1</sup>            | 2002                              | 2003 <sup>1</sup>              |
|   |            | <i>Thou-</i><br><i>sands</i> | <i>Thou-</i><br><i>sands</i> | <i>1,000</i><br><i>dollars</i>    | <i>1,000</i><br><i>dollars</i> |
| <b>Grains &amp; Hay:</b>                  |            |                              |                              |                                   |                                |
| Barley <sup>2</sup>                       | Bushel     | 226,906                      | 276,087                      | 603,796                           | 765,783                        |
| Corn for Grain                            | Bushel     | 8,966,787                    | 10,113,887                   | 20,974,734                        | 24,803,566                     |
| Corn for Silage                           | Ton        | 102,293                      | 105,864                      |                                   |                                |
| Hay, All                                  | Ton        | 149,467                      | 157,123                      | 12,450,234                        | 12,330,971                     |
| Alfalfa                                   | Ton        | 73,014                       | 76,307                       | 7,193,786                         | 6,921,508                      |
| All Other                                 | Ton        | 76,453                       | 80,816                       | 5,256,448                         | 5,409,463                      |
| Oats <sup>2</sup>                         | Bushel     | 116,002                      | 144,649                      | 216,127                           | 217,962                        |
| Proso Millet                              | Bushel     | 3,668                        | 11,450                       | 19,882                            | 32,888                         |
| Rice                                      | Cwt        | 210,960                      | 199,157                      | 979,628                           | 1,485,031                      |
| Rye <sup>2</sup>                          | Bushel     | 6,488                        | 9,254                        | 23,511                            | 27,389                         |
| Sorghum for Grain                         | Bushel     | 360,713                      | 411,237                      | 876,471                           | 965,822                        |
| Sorghum for Silage                        | Ton        | 3,913                        | 3,552                        |                                   |                                |
| Wheat, All <sup>2</sup>                   | Bushel     | 1,605,878                    | 2,336,526                    | 5,679,400                         | 7,954,899                      |
| Winter <sup>2</sup>                       | Bushel     | 1,137,001                    | 1,707,069                    | 3,835,339                         | 5,574,444                      |
| Durum                                     | Bushel     | 79,960                       | 96,637                       | 327,700                           | 408,110                        |
| Other Spring                              | Bushel     | 388,917                      | 532,820                      | 1,516,361                         | 1,972,345                      |
| <b>Oilseeds:</b>                          |            |                              |                              |                                   |                                |
| Canola                                    | Pound      | 1,533,420                    | 1,512,250                    | 164,742                           | 149,659                        |
| Canola Seed                               | Ton        | 6,183.9                      | 6,694.0                      | 616,352                           |                                |
| Flaxseed                                  | Bushel     | 11,863                       | 10,426                       | 72,657                            | 60,593                         |
| Mustard Seed                              | Pound      | 114,590                      | 77,372                       | 19,031                            | 12,357                         |
| Peanuts                                   | Pound      | 3,321,040                    | 4,144,150                    | 599,624                           | 779,183                        |
| Rapeseed                                  | Pound      | 4,010                        | 1,139                        | 440                               | 125                            |
| Safflower                                 | Pound      | 265,550                      | 272,555                      | 36,346                            | 37,286                         |
| Soybeans for Beans                        | Bushel     | 2,756,147                    | 2,417,565                    | 15,214,595                        | 17,465,394                     |
| Sunflower                                 | Pound      | 2,451,247                    | 2,665,226                    | 299,638                           | 312,594                        |
| <b>Cotton, Tobacco &amp; Sugar Crops:</b> |            |                              |                              |                                   |                                |
| Cotton, All                               | Bale       | 17,208.6                     | 18,224.0                     | 3,777,132                         | 5,581,619                      |
| Upland                                    | Bale       | 16,530.3                     | 17,795.0                     | 3,497,123                         | 5,345,209                      |
| Amer-Pima                                 | Bale       | 678.3                        | 429.0                        | 280,009                           | 236,410                        |
| Sugarbeets                                | Ton        | 27,707                       | 30,605                       | 1,089,287                         |                                |
| Sugarcane                                 | Ton        | 35,553                       | 34,368                       | 1,007,142                         |                                |
| Tobacco                                   | Pound      | 875,052                      | 831,204                      | 1,702,861                         | 1,635,188                      |
| <b>Dry Beans, Peas &amp; Lentils:</b>     |            |                              |                              |                                   |                                |
| Austrian Winter Peas                      | Cwt        | 183                          | 174                          | 1,698                             | 1,976                          |
| Dry Edible Beans                          | Cwt        | 30,312                       | 22,515                       | 513,793                           | 411,930                        |
| Dry Edible Peas                           | Cwt        | 4,727                        | 5,202                        | 33,001                            | 34,328                         |
| Lentils                                   | Cwt        | 2,571                        | 2,442                        | 35,793                            | 39,936                         |
| Wrinkled Seed Peas                        | Cwt        | 599                          | 673                          | 8,169                             | 9,222                          |
| <b>Potatoes &amp; Misc.:</b>              |            |                              |                              |                                   |                                |
| Coffee (HI)                               | Pound      | 7,500                        | 8,700                        | 23,250                            | 23,490                         |
| Ginger Root (HI)                          | Pound      | 14,400                       | 6,000                        | 4,320                             | 3,600                          |
| Hops                                      | Pound      | 58,336.6                     | 54,565.1                     | 111,546                           | 103,727                        |
| Maple syrup <sup>3</sup>                  | Gallons    | 1,475                        | 1,239                        | 38,389                            |                                |
| Mushrooms                                 | Pound      | 844,590                      | 844,288                      | 907,799                           | 889,325                        |
| Peppermint Oil                            | Pound      | 6,958                        | 6,924                        | 80,871                            | 83,062                         |
| Potatoes, All                             | Cwt        | 458,171                      | 459,045                      | 3,063,597                         | 2,679,902                      |
| Spearmint Oil                             | Pound      | 2,010                        | 1,778                        | 17,705                            | 16,888                         |
| Sweet Potatoes                            | Cwt        | 12,799                       | 15,921                       | 214,625                           | 331,446                        |
| Taro (HI)                                 | Pound      | 6,100                        | 5,000                        | 3,294                             | 2,700                          |

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003—  
Continued**

| Crop   | Area harvested <sup>4</sup> |                   | Yield per harvested acre <sup>5</sup> |       |                   |
|--|-----------------------------|-------------------|---------------------------------------|-------|-------------------|
|  | 2002                        | 2003 <sup>1</sup> | Unit                                  | 2002  | 2003 <sup>1</sup> |
|  | <i>Acres</i>                | <i>Acres</i>      |                                       |       |                   |
| Apples, commercial crop .....                      | 401,700                     | 395,350           | Ton .....                             | 10.60 | 11.40             |
| Apricots .....                                     | 18,430                      | 17,930            | Ton .....                             | 4.89  | 5.46              |
| Avocados <sup>6</sup> .....                        | 64,650                      | .....             | Ton .....                             | 3.15  | .....             |
| Bananas .....                                      | 1,300                       | 1,400             | Ton .....                             | 7.50  | 7.85              |
| Blackberries (OR) .....                            | 6,900                       | 6,700             | Ton .....                             | 3.59  | 3.38              |
| Blueberries .....                                  | .....                       | .....             | Ton .....                             | ..... | .....             |
| Cultivated .....                                   | 41,180                      | 40,970            | Ton .....                             | 2.30  | 2.29              |
| Wild (ME) .....                                    | .....                       | .....             | Ton .....                             | ..... | .....             |
| Boysenberries .....                                | 1,410                       | 1,300             | Ton .....                             | 1.88  | 1.81              |
| Loganberries (OR) .....                            | 60                          | 60                | Ton .....                             | 2.17  | 1.84              |
| Raspberries .....                                  | .....                       | .....             | Ton .....                             | ..... | .....             |
| Black (OR) .....                                   | 1,100                       | 1,100             | Ton .....                             | 1.33  | 1.18              |
| Red .....  | 11,800                      | 11,500            | Ton .....                             | 3.58  | 3.31              |
| All (CA) .....                                     | 2,400                       | 2,500             | Ton .....                             | 6.10  | 6.20              |
| Cherries, sweet .....                              | 73,920                      | 75,890            | Ton .....                             | 2.45  | 3.12              |
| Cherries, tart .....                               | 38,300                      | 37,300            | Ton .....                             | 0.82  | 3.04              |
| Cranberries .....                                  | 37,900                      | 39,400            | Ton .....                             | 7.50  | 7.76              |
| Dates (CA) .....                                   | 5,000                       | 4,800             | Ton .....                             | 4.84  | 4.04              |
| Figs (CA) .....                                    | 13,500                      | 13,000            | Ton .....                             | 3.94  | 3.58              |
| Grapes .....                                       | 948,650                     | 953,100           | Ton .....                             | 7.74  | 6.80              |
| Guava (HI) .....                                   | 550                         | .....             | Ton .....                             | 8.80  | .....             |
| Kiwifruit (CA) .....                               | 4,500                       | 4,500             | Ton .....                             | 5.80  | 5.27              |
| Nectarines (CA) .....                              | 36,500                      | 36,500            | Ton .....                             | 8.22  | 7.62              |
| Olives (CA) .....                                  | 36,000                      | 36,000            | Ton .....                             | 2.86  | 3.28              |
| Papayas (HI) .....                                 | 1,720                       | 1,600             | Ton .....                             | 13.40 | 13.50             |
| Peaches .....                                      | 153,170                     | 150,170           | Ton .....                             | 8.40  | 8.40              |
| Pears .....  | 63,615                      | 63,150            | Ton .....                             | 13.70 | 14.60             |
| Pineapples (HI) .....                              | 19,100                      | 16,000            | Ton .....                             | ..... | .....             |
| Plums (CA) .....                                   | 36,000                      | 36,000            | Ton .....                             | 5.58  | 5.89              |
| Prunes, dried (CA) .....                           | 74,000                      | 72,000            | Ton .....                             | 7.02  | 7.93              |
| Prunes and plums, fresh basis (excluding CA) ..... | 4,210                       | 4,210             | Ton .....                             | 3.72  | 4.01              |
| Strawberries .....                                 | 47,900                      | 48,700            | Ton .....                             | 19.70 | 21.40             |
| Oranges <sup>7</sup> .....                         | 795,400                     | 793,500           | Ton .....                             | 15.60 | 14.50             |
| Grapefruit <sup>7</sup> .....                      | 137,300                     | 128,500           | Ton .....                             | 17.70 | 16.10             |
| Lemons <sup>7</sup> .....                          | 64,300                      | 63,800            | Ton .....                             | 12.50 | 16.10             |
| Limes <sup>7</sup> (FL) .....                      | 800                         | .....             | Ton .....                             | 8.75  | .....             |
| Tangerines <sup>7</sup> .....                      | 38,300                      | 36,100            | Ton .....                             | 11.00 | 10.30             |
| Tangelos <sup>7</sup> (FL) .....                   | 9,700                       | 9,100             | Ton .....                             | 10.00 | 11.60             |
| Templets <sup>7</sup> (FL) .....                   | 4,700                       | 4,200             | Ton .....                             | 14.90 | 14.00             |
| K-Early Citrus <sup>7</sup> (FL) .....             | 200                         | .....             | Ton .....                             | 5.00  | .....             |
| Almonds <sup>8</sup> (CA) .....                    | 530,000                     | 530,000           | Ton .....                             | 1.66  | 1.54              |
| Hazelnuts (filberts) <sup>8</sup> .....            | 30,000                      | 30,000            | Ton .....                             | 0.65  | 1.17              |
| Macadamia nuts <sup>8</sup> (HI) .....             | 17,800                      | 17,800            | Ton .....                             | 1.49  | 1.44              |
| Pecans <sup>9</sup> .....                          | .....                       | .....             | Ton .....                             | ..... | .....             |
| Pistachios <sup>8</sup> (CA) .....                 | 83,000                      | 88,000            | Ton .....                             | 1.83  | 0.66              |
| Walnuts <sup>8</sup> (CA) .....                    | 200,000                     | 205,000           | Ton .....                             | 1.41  | 1.59              |

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003—  
Continued**

| Crop   | Total production |                        |                        | Value of production <sup>13</sup> |                          |
|--|------------------|------------------------|------------------------|-----------------------------------|--------------------------|
|  | Unit             | 2002                   | 2003 <sup>1</sup>      | 2002                              | 2003 <sup>1</sup>        |
|  |                  | <i>Thou-<br/>sands</i> | <i>Thou-<br/>sands</i> | <i>1,000<br/>dollars</i>          | <i>1,000<br/>dollars</i> |
| Apples, commercial crop .....                      | Ton .....        | 4,262.7                | 4,507.3                | 1,572,202                         | 1,729,949                |
| Apricots .....                                     | Ton .....        | 90.0                   | 97.9                   | 28,565                            | 34,729                   |
| Avocados <sup>6</sup> .....                        | Ton .....        | 203.4                  | .....                  | 390,868                           | .....                    |
| Bananas <sup>10</sup> .....                        | Ton .....        | 9.8                    | 11.0                   | 8,385                             | 9,240                    |
| Blackberries (OR) .....                            | Ton .....        | 25.3                   | 23.0                   | 21,871                            | 31,439                   |
| Blueberries .....                                  | Ton .....        | .....                  | .....                  | .....                             | .....                    |
| Cultivated .....                                   | Ton .....        | 96.1                   | 94.8                   | 194,132                           | 220,750                  |
| Wild (ME) .....                                    | Ton .....        | 31.2                   | 40.1                   | 17,860                            | 28,470                   |
| Boysenberries .....                                | Ton .....        | 2.7                    | 2.4                    | 3,482                             | 4,053                    |
| Loganberries (OR) .....                            | Ton .....        | 0.1                    | 0.1                    | 210                               | 213                      |
| Raspberries .....                                  | Ton .....        | .....                  | .....                  | .....                             | .....                    |
| Black (OR) .....                                   | Ton .....        | 1.5                    | 1.4                    | 1,199                             | 3,540                    |
| Red .....  | Ton .....        | 42.2                   | 38.3                   | 44,477                            | 43,816                   |
| All (CA) .....                                     | Ton .....        | 14.6                   | 15.5                   | 40,851                            | 64,480                   |
| Cherries, sweet .....                              | Ton .....        | 181.2                  | 237.0                  | 274,180                           | 326,799                  |
| Cherries, tart .....                               | Ton .....        | 31.3                   | 113.3                  | 27,879                            | 83,922                   |
| Cranberries .....                                  | Ton .....        | 284.2                  | 305.5                  | 171,303                           | 194,004                  |
| Dates (CA) .....                                   | Ton .....        | 24.2                   | 19.4                   | 37,510                            | 27,742                   |
| Figs (CA) .....                                    | Ton .....        | 53.2                   | 46.5                   | 17,526                            | 22,076                   |
| Grapes .....                                       | Ton .....        | 7,339.0                | 6,477.9                | 2,841,993                         | 2,534,264                |
| Guava <sup>10</sup> (HI) .....                     | Ton .....        | 4.9                    | .....                  | 1,455                             | .....                    |
| Kiwifruit (CA) .....                               | Ton .....        | 26.1                   | 23.7                   | 18,097                            | .....                    |
| Nectarines (CA) .....                              | Ton .....        | 300.0                  | 278.0                  | 114,600                           | 121,208                  |
| Olives (CA) .....                                  | Ton .....        | 103.0                  | 118.0                  | 58,983                            | 50,305                   |
| Papayas <sup>10</sup> (HI) .....                   | Ton .....        | 23.0                   | 21.5                   | 11,924                            | 13,491                   |
| Peaches .....                                      | Ton .....        | 1,287.5                | 1,261.6                | 503,827                           | 466,681                  |
| Pears .....  | Ton .....        | 868.5                  | 923.1                  | 255,605                           | 282,073                  |
| Pineapples <sup>10</sup> (HI) .....                | Ton .....        | 320.0                  | 315.0                  | 100,616                           | 102,849                  |
| Plums (CA) .....                                   | Ton .....        | 201.0                  | 212.0                  | 77,586                            | 88,616                   |
| Prunes, dried (CA) .....                           | Ton .....        | 519.2                  | 570.6                  | 132,030                           | 177,530                  |
| Prunes and plums, fresh basis (excluding CA) ..... | Ton .....        | 15.7                   | 16.9                   | 4,237                             | 5,434                    |
| Strawberries <sup>10</sup> .....                   | Ton .....        | 942.8                  | 1,041.4                | 1,162,994                         | 1,329,779                |
| Oranges <sup>7 10 11</sup> .....                   | Ton .....        | 12,374                 | 11,545                 | 1,846,199                         | 1,611,812                |
| Grapefruit <sup>7 10 11</sup> .....                | Ton .....        | 2,424                  | 2,063                  | 292,156                           | 258,006                  |
| Lemons <sup>7 10 11</sup> .....                    | Ton .....        | 801                    | 1,026                  | 327,964                           | 292,932                  |
| Limes <sup>7 10 11</sup> (FL) .....                | Ton .....        | 7                      | .....                  | 1,732                             | .....                    |
| Tangerines <sup>7 10 11</sup> .....                | Ton .....        | 420                    | 371                    | 124,718                           | 114,457                  |
| Tangelos <sup>7 10 11</sup> (FL) .....             | Ton .....        | 97                     | 106                    | 10,758                            | 13,353                   |
| Temples <sup>7 10 11</sup> (FL) .....              | Ton .....        | 70                     | 59                     | 6,919                             | 6,149                    |
| K-Early Citrus <sup>7 10 11</sup> (FL) .....       | Ton .....        | 1                      | .....                  | 113                               | .....                    |
| Almonds <sup>10</sup> (CA) .....                   | Ton .....        | 881.9                  | 817.3                  | 1,200,687                         | 1,419,432                |
| Hazelnuts (filberts) <sup>10</sup> .....           | Ton .....        | 19.5                   | 35.0                   | 19,500                            | 36,750                   |
| Macadamia nuts <sup>10</sup> (HI) .....            | Ton .....        | 26.5                   | 25.5                   | 30,210                            | 30,090                   |
| Pecans <sup>10</sup> .....                         | Ton .....        | 86.5                   | 131.1                  | 165,033                           | 263,211                  |
| Pistachios <sup>10</sup> (CA) .....                | Ton .....        | 151.5                  | 58.0                   | 333,300                           | 133,400                  |
| Walnuts <sup>10</sup> (CA) .....                   | Ton .....        | 282.0                  | 325.0                  | 304,560                           | .....                    |

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003—  
Continued**

| Crop                               | Area harvested |                   | Yield per harvested acre |       |                   |
|------------------------------------|----------------|-------------------|--------------------------|-------|-------------------|
|                                    | 2002           | 2003 <sup>1</sup> | Unit                     | 2002  | 2003 <sup>1</sup> |
|                                    | <i>Acres</i>   | <i>Acres</i>      |                          |       |                   |
| <b>Commercial Vegetables:</b>      |                |                   |                          |       |                   |
| <b>Fresh Market</b>                |                |                   |                          |       |                   |
| Artichokes <sup>12</sup> .....     | 8,200          | 7,200             | Cwt .....                | 115   | 140               |
| Asparagus <sup>12</sup> .....      | 66,000         | 67,000            | Cwt .....                | 28    | 30                |
| Beans, snap .....                  | 98,700         | 93,400            | Cwt .....                | 61    | 61                |
| Broccoli <sup>12</sup> .....       | 130,400        | 136,600           | Cwt .....                | 139   | 148               |
| Cabbage .....                      | 77,380         | 76,850            | Cwt .....                | 320   | 302               |
| Cantaloups .....                   | 91,000         | 87,800            | Cwt .....                | 248   | 254               |
| Carrots .....                      | 97,600         | 93,800            | Cwt .....                | 298   | 353               |
| Cauliflower <sup>12</sup> .....    | 43,300         | 44,000            | Cwt .....                | 160   | 192               |
| Celery <sup>12</sup> .....         | 27,100         | 27,500            | Cwt .....                | 691   | 686               |
| Corn, sweet .....                  | 253,200        | 253,300           | Cwt .....                | 107   | 116               |
| Cucumbers .....                    | 58,300         | 59,100            | Cwt .....                | 196   | 171               |
| Garlic <sup>12</sup> .....         | 32,800         | 35,000            | Cwt .....                | 172   | 178               |
| Honeydew melons .....              | 24,600         | 24,200            | Cwt .....                | 208   | 204               |
| Lettuce, head .....                | 184,400        | 185,400           | Cwt .....                | 372   | 350               |
| Lettuce, leaf .....                | 55,900         | 58,400            | Cwt .....                | 251   | 199               |
| Lettuce, Romaine .....             | 60,300         | 67,500            | Cwt .....                | 306   | 299               |
| Onions <sup>12</sup> .....         | 160,220        | 159,490           | Cwt .....                | 424   | 437               |
| Peppers, bell <sup>12</sup> .....  | 53,800         | 54,600            | Cwt .....                | 289   | 294               |
| Spinach .....                      | 34,900         | 37,200            | Cwt .....                | 153   | 161               |
| Tomatoes .....                     | 120,400        | 116,700           | Cwt .....                | 305   | 280               |
| Watermelons .....                  | 149,600        | 150,000           | Cwt .....                | 261   | 257               |
| Peppers, Chile <sup>12</sup> ..... | 28,100         | 24,200            | Cwt .....                | 108   | 107               |
| Pumpkins <sup>12</sup> .....       | 37,100         | 35,600            | Cwt .....                | 214   | 208               |
| Squash <sup>12</sup> .....         | 52,100         | 50,900            | Cwt .....                | 169   | 158               |
| <b>Processing:</b>                 |                |                   |                          |       |                   |
| Beans, lima .....                  | 51,400         | 45,800            | Ton .....                | 1.28  | 1.31              |
| Beans, snap .....                  | 206,500        | 188,300           | Ton .....                | 3.96  | 3.85              |
| Carrots .....                      | 15,400         | 15,550            | Ton .....                | 25.69 | 28.28             |
| Corn, sweet .....                  | 419,800        | 435,300           | Ton .....                | 7.35  | 7.62              |
| Cucumbers for pickles .....        | 117,800        | 118,800           | Ton .....                | 5.26  | 5.46              |
| Peas, green .....                  | 211,500        | 231,200           | Ton .....                | 1.64  | 2.02              |
| Spinach .....                      | 13,120         | 14,900            | Ton .....                | 9.24  | 8.73              |
| Tomatoes .....                     | 311,800        | 293,720           | Ton .....                | 37.39 | 33.41             |

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003—Continued**

| Crop                               | Production |                              |                              | Value of production <sup>13</sup> |                                |
|------------------------------------|------------|------------------------------|------------------------------|-----------------------------------|--------------------------------|
|                                    | Unit       | 2002                         | 2003 <sup>1</sup>            | 2002                              | 2003 <sup>1</sup>              |
|                                    |            | <i>Thou-</i><br><i>sands</i> | <i>Thou-</i><br><i>sands</i> | <i>1,000</i><br><i>dollars</i>    | <i>1,000</i><br><i>dollars</i> |
| <b>Commercial Vegetables:</b>      |            |                              |                              |                                   |                                |
| <b>Fresh Market</b>                |            |                              |                              |                                   |                                |
| Artichokes <sup>12</sup> .....     | Cwt .....  | 943                          | 1,008                        | 67,425                            | 73,987                         |
| Asparagus <sup>12</sup> .....      | Cwt .....  | 1,868                        | 2,041                        | 172,876                           | 198,707                        |
| Beans, snap .....                  | Cwt .....  | 5,979                        | 5,715                        | 284,375                           | 267,762                        |
| Broccoli <sup>12</sup> .....       | Cwt .....  | 18,078                       | 20,200                       | 554,194                           | 636,927                        |
| Cabbage .....                      | Cwt .....  | 24,773                       | 23,204                       | 315,033                           | 290,854                        |
| Cantaloups .....                   | Cwt .....  | 22,595                       | 22,331                       | 398,498                           | 372,965                        |
| Carrots .....                      | Cwt .....  | 29,077                       | 33,094                       | 552,198                           | 632,469                        |
| Cauliflower <sup>12</sup> .....    | Cwt .....  | 6,943                        | 8,441                        | 219,113                           | 276,117                        |
| Celery <sup>12</sup> .....         | Cwt .....  | 18,737                       | 18,876                       | 239,846                           | 257,338                        |
| Corn, sweet .....                  | Cwt .....  | 27,106                       | 29,403                       | 521,480                           | 562,572                        |
| Cucumbers .....                    | Cwt .....  | 11,413                       | 10,113                       | 214,200                           | 197,347                        |
| Garlic <sup>12</sup> .....         | Cwt .....  | 5,650                        | 6,241                        | 155,673                           | 147,745                        |
| Honeydew melons .....              | Cwt .....  | 5,127                        | 4,928                        | 92,470                            | 93,241                         |
| Lettuce, head .....                | Cwt .....  | 68,521                       | 64,920                       | 1,451,873                         | 1,181,330                      |
| Lettuce, leaf .....                | Cwt .....  | 14,009                       | 11,638                       | 472,924                           | 346,485                        |
| Lettuce, Romaine .....             | Cwt .....  | 18,463                       | 20,168                       | 447,455                           | 561,646                        |
| Onions <sup>12</sup> .....         | Cwt .....  | 67,928                       | 69,727                       | 767,913                           | 958,032                        |
| Peppers, bell <sup>12</sup> .....  | Cwt .....  | 15,568                       | 16,039                       | 462,921                           | 491,459                        |
| Spinach .....                      | Cwt .....  | 5,330                        | 5,978                        | 181,836                           | 226,060                        |
| Tomatoes .....                     | Cwt .....  | 36,667                       | 32,644                       | 1,184,434                         | 1,206,608                      |
| Watermelons .....                  | Cwt .....  | 39,048                       | 38,484                       | 326,587                           | 346,022                        |
| Peppers, Chile <sup>12</sup> ..... | Cwt .....  | 3,037                        | 2,597                        | 81,503                            | 67,967                         |
| Pumpkins <sup>12</sup> .....       | Cwt .....  | 7,947                        | 7,393                        | 84,104                            | 71,625                         |
| Squash <sup>12</sup> .....         | Cwt .....  | 8,790                        | 8,061                        | 202,905                           | 200,219                        |
| <b>Processing:</b>                 |            |                              |                              |                                   |                                |
| Beans, lima .....                  | Ton .....  | 65,540                       | 60,180                       | 28,176                            | 26,615                         |
| Beans, snap .....                  | Ton .....  | 818,480                      | 724,390                      | 123,546                           | 113,879                        |
| Carrots .....                      | Ton .....  | 395,700                      | 439,830                      | 27,687                            | 33,082                         |
| Corn, sweet .....                  | Ton .....  | 3,083,890                    | 3,318,250                    | 210,306                           | 234,852                        |
| Cucumbers for pickles .....        | Ton .....  | 619,310                      | 648,430                      | 169,006                           | 178,328                        |
| Peas, green .....                  | Ton .....  | 347,810                      | 467,800                      | 87,688                            | 117,043                        |
| Spinach .....                      | Ton .....  | 121,250                      | 130,030                      | 13,319                            | 13,722                         |
| Tomatoes .....                     | Ton .....  | 11,656,820                   | 9,812,110                    | 678,661                           | 575,399                        |

<sup>1</sup> Preliminary. <sup>2</sup> Includes area seeded in preceding fall. <sup>3</sup> Value for 2002 is not available. <sup>4</sup> Bearing acreage for citrus and noncitrus fruits and nuts. <sup>5</sup> Yield per bearing acreage for citrus and noncitrus fruits and nuts. <sup>6</sup> Year of bloom. <sup>7</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is for the year of harvest. <sup>8</sup> Yield derived from the in-shell basis. <sup>9</sup> Bearing acreage and yield not calculated. <sup>10</sup> Utilized production. <sup>11</sup> Equivalent packinghouse-door returns. <sup>12</sup> Includes processing total for dual usage crops. <sup>13</sup> Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.



**Table 9-24.—Total farm input: Index numbers of farm input, by major subgroups, United States, 1990–1999**  
[1992=100]

| Year       | Total input | Farm labor | Capital | Land  | Energy | Agricultural chemicals <sup>1</sup> | Feed, seed, and livestock purchases <sup>2</sup> | Other purchased inputs <sup>3</sup> |
|------------|-------------|------------|---------|-------|--------|-------------------------------------|--|-------------------------------------|
| 1990 ..... | 1.016       | 1.046      | 1.132   | 1.028 | 0.940  | 0.949                               | 1.014  | 0.894                               |
| 1991 ..... | 1.022       | 1.078      | 1.121   | 1.021 | 0.944  | 0.963                               | 1.006  | 0.915                               |
| 1992 ..... | 1.001       | 1.018      | 1.092   | 1.016 | 0.936  | 0.978                               | 1.009  | 0.872                               |
| 1993 ..... | 1.004       | 0.978      | 1.071   | 1.011 | 0.939  | 0.944                               | 1.026  | 0.981                               |
| 1994 ..... | 1.013       | 0.990      | 1.038   | 1.007 | 0.967  | 1.008                               | 1.033  | 1.010                               |
| 1995 ..... | 1.035       | 1.027      | 1.029   | 1.003 | 1.015  | 0.923                               | 1.086  | 1.071                               |
| 1996 ..... | 1.000       | 1.000      | 1.000   | 1.000 | 1.000  | 1.000                               | 1.000  | 1.000                               |
| 1997 ..... | 1.029       | 1.006      | 0.996   | 0.997 | 1.022  | 1.085                               | 1.053  | 1.061                               |
| 1998 ..... | 1.034       | 0.978      | 0.988   | 0.994 | 1.037  | 1.047                               | 1.114  | 1.077                               |
| 1999 ..... | 1.059       | 1.008      | 0.984   | 0.990 | 1.054  | 1.038                               | 1.173  | 1.106                               |

<sup>1</sup> Includes fertilizer, lime, and pesticide. <sup>2</sup> Includes broilers- and egg-type chicks and turkey poults and imports of livestock for purposes other than immediate slaughter. <sup>3</sup> Includes purchased services and miscellaneous inputs.

ERS, Resources, Technology and Productivity Branch (202) 694–5601.

**Table 9-25.—Livestock and livestock products: Production and value, United States, 2000–2002**

| Product                     | Production <sup>1</sup>   |                           |                           | Value of production  |                      |                      |
|-----------------------------|---------------------------|---------------------------|---------------------------|----------------------|----------------------|----------------------|
|                             | 2000                      | 2001                      | 2002 <sup>2</sup>         | 2000                 | 2001                 | 2002 <sup>2</sup>    |
|                             | <i>1,000 pounds</i>       | <i>1,000 pounds</i>       | <i>1,000 pounds</i>       | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| Cattle and calves .....     | 42,841,607                | 42,395,675                | 42,249,776                | 28,391,942           | 29,293,241           | 26,914,667           |
| Sheep and lambs .....       | 508,935                   | 495,582                   | 484,004                   | 361,231              | 298,386              | 313,049              |
| Hogs .....                  | 25,730,208                | 25,883,857                | 26,253,962                | 10,817,518           | 11,430,029           | 8,679,342            |
| Broilers <sup>3</sup> ..... | 41,623,100                | 42,445,800                | 44,050,400                | 13,988,434           | 16,693,515           | 13,434,771           |
| Mature chickens .....       | 1,111,717                 | 1,016,708                 | 1,032,685                 | 63,925               | 46,353               | 49,023               |
| Turkeys .....               | 6,942,809                 | 7,154,781                 | 7,406,050                 | 2,822,736            | 2,790,317            | 2,700,333            |
| Milk .....                  | 166,256,000               | 164,284,000               | 168,617,000               | 20,770,589           | 24,893,985           | 20,687,958           |
| Wool (shorn) .....          | 46,446                    | 43,016                    | 41,322                    | 15,377               | 15,311               | 21,876               |
| Mohair <sup>4</sup> .....   | 2,628                     | 1,970                     | 2,174                     | 10,609               | 4,200                | 3,432                |
| Catfish <sup>5</sup> .....  | .....                     | .....                     | .....                     | 501,400              | 443,681              | 411,413              |
| Trout <sup>6</sup> .....    | .....                     | .....                     | .....                     | 75,373               | 76,241               | 69,935               |
| Honey .....                 | 220,339                   | 185,461                   | 171,718                   | 132,742              | 132,225              | 228,338              |
| Eggs .....                  | <i>Millions</i><br>84,386 | <i>Millions</i><br>85,745 | <i>Millions</i><br>86,698 | 4,345,382            | 4,446,312            | 4,262,662            |

<sup>1</sup> For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory. Estimates for broilers and eggs cover the 12-month period Dec. 1, previous year through Nov. 30. <sup>2</sup> Preliminary, except for wool shorn and mohair. <sup>3</sup> Young chickens of meat-type strains raised for meat production. <sup>4</sup> AZ, NM, and TX. <sup>5</sup> Value of fish sold. <sup>6</sup> Value of fish and eggs sold.

NASS, Livestock Branch, (202) 720–3570.

**Table 9-26.—Agricultural productivity: Index numbers (1996=100) of farm output per unit of input, United States, 1990–1999**

| Year       | Productivity <sup>1</sup> |
|------------|---------------------------|
| 1990 ..... | 0.886                     |
| 1991 ..... | 0.887                     |
| 1992 ..... | 0.955                     |
| 1993 ..... | 0.908                     |
| 1994 ..... | 1.005                     |
| 1995 ..... | 0.932                     |
| 1996 ..... | 1.000                     |
| 1997 ..... | 1.015                     |
| 1998 ..... | 1.011                     |
| 1999 ..... | 1.006                     |

<sup>1</sup> Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 9–25 by the index of total input in table 9–26.

ERS, Resources, Technology and Productivity Branch (202) 694–5601.

**Table 9-27.—U.S. farm foods: Marketing bill, farm value, and consumer expenditures, 1993–2002<sup>1</sup>**

| Year                    | Total marketing bill   | Farm value             | Expenditures for farm foods |
|-------------------------|------------------------|------------------------|-----------------------------|
|                         | <i>Billion dollars</i> | <i>Billion dollars</i> | <i>Billion dollars</i>      |
| 1993 .....              | 379.6                  | 109.6                  | 489.2                       |
| 1994 .....              | 402.6                  | 109.6                  | 512.2                       |
| 1995 .....              | 415.7                  | 113.8                  | 529.5                       |
| 1996 .....              | 424.5                  | 122.2                  | 546.7                       |
| 1997 .....              | 444.6                  | 121.9                  | 566.5                       |
| 1998 .....              | 465.4                  | 119.6                  | 585.0                       |
| 1999 .....              | 503.1                  | 122.2                  | 625.3                       |
| 2000 .....              | 537.8                  | 123.3                  | 661.1                       |
| 2001 .....              | 557.5                  | 130.0                  | 687.5                       |
| 2002 <sup>2</sup> ..... | 576.9                  | 132.5                  | 709.4                       |

<sup>1</sup>The total marketing bill is the difference between total expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to food purchased by consumers that is not imported or exported. <sup>2</sup>Preliminary.

ERS, Food Markets Branch, (202) 694–5375.

**Table 9-28.—Farm food products: Marketing costs, United States, 1993–2002**

| Year                    | Labor <sup>1</sup>     | Packaging materials    | Intercity transportation, rail and truck | Fuels and electricity  | Corporate profits before taxes | Other <sup>2</sup>     | Total marketing bill <sup>3</sup> |
|-------------------------|------------------------|------------------------|--|------------------------|--------------------------------|------------------------|-----------------------------------|
|                         | <i>Billion dollars</i> | <i>Billion dollars</i> | <i>Billion dollars</i>                   | <i>Billion dollars</i> | <i>Billion dollars</i>         | <i>Billion dollars</i> | <i>Billion dollars</i>            |
| 1993 .....              | 178.0                  | 40.9                   | 21.2                                     | 17.2                   | 18.1                           | 104.2                  | 379.6                             |
| 1994 .....              | 186.1                  | 43.3                   | 21.8                                     | 17.9                   | 20.9                           | 112.6                  | 402.6                             |
| 1995 .....              | 196.6                  | 48.2                   | 22.3                                     | 18.6                   | 19.5                           | 110.5                  | 415.7                             |
| 1996 .....              | 204.6                  | 47.7                   | 22.9                                     | 19.6                   | 20.7                           | 109.0                  | 424.5                             |
| 1997 .....              | 216.9                  | 48.7                   | 23.6                                     | 20.2                   | 22.3                           | 112.9                  | 444.6                             |
| 1998 .....              | 229.9                  | 50.4                   | 24.4                                     | 20.7                   | 25.5                           | 114.5                  | 465.4                             |
| 1999 .....              | 241.5                  | 50.9                   | 25.2                                     | 22.0                   | 29.2                           | 134.3                  | 503.1                             |
| 2000 .....              | 252.9                  | 53.5                   | 26.4                                     | 23.1                   | 31.1                           | 150.8                  | 537.8                             |
| 2001 .....              | 263.8                  | 55.0                   | 27.5                                     | 24.1                   | 32.0                           | 155.1                  | 557.5                             |
| 2002 <sup>4</sup> ..... | 273.1                  | 56.8                   | 28.4                                     | 24.9                   | 33.0                           | 160.7                  | 576.9                             |

<sup>1</sup>Includes employee wages or salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. <sup>2</sup>Includes depreciation, rent, advertising and promotion, interest, taxes, licenses, insurance, professional services, local for-hire transportation, food service in schools, colleges, hospitals, and other institutions, and miscellaneous items. <sup>3</sup>The marketing bill is the difference between the farm value or payments to farmers for foodstuffs and consumer expenditures for these foods both at foodstores and away from home eating places. Thus, it covers processing, wholesaling, transportation, and retailing costs and profits. <sup>4</sup>Preliminary.

ERS, Food Markets Branch, (202) 694–5375.

**Table 9-29.—Price components: Market basket of farm-originated food products by food group, United States, 1993–2002<sup>1</sup>**

| Year                    | Market basket of food products |                          |                                    |                                 | Bakery and cereal products       |                          |                          |                                 |
|-------------------------|--------------------------------|--------------------------|------------------------------------|---------------------------------|----------------------------------|--------------------------|--------------------------|---------------------------------|
|                         | Retail cost <sup>2</sup>       | Farm value <sup>3</sup>  | Farm to retail spread <sup>4</sup> | Farm value share of retail cost | Retail cost                      | Farm value               | Farm to retail spread    | Farm value share of retail cost |
|                         | <i>Index 1982–84=100</i>       | <i>Index 1982–84=100</i> | <i>Index 1982–84=100</i>           | <i>Percent</i>                  | <i>Index 1982–84=100</i>         | <i>Index 1982–84=100</i> | <i>Index 1982–84=100</i> | <i>Percent</i>                  |
| 1993 .....              | 142                            | 105                      | 162                                | 26                              | 157                              | 92                       | 166                      | 7                               |
| 1994 .....              | 145                            | 101                      | 169                                | 24                              | 164                              | 103                      | 171                      | 8                               |
| 1995 .....              | 149                            | 103                      | 175                                | 24                              | 168                              | 110                      | 176                      | 8                               |
| 1996 .....              | 156                            | 111                      | 180                                | 25                              | 174                              | 126                      | 181                      | 9                               |
| 1997 .....              | 160                            | 106                      | 189                                | 23                              | 178                              | 108                      | 187                      | 7                               |
| 1998 .....              | 163                            | 103                      | 195                                | 22                              | 181                              | 94                       | 193                      | 6                               |
| 1999 .....              | 167                            | 98                       | 205                                | 21                              | 185                              | 83                       | 199                      | 6                               |
| 2000 .....              | 171                            | 97                       | 210                                | 20                              | 188                              | 75                       | 204                      | 5                               |
| 2001 .....              | 177                            | 106                      | 215                                | 21                              | 194                              | 79                       | 210                      | 5                               |
| 2002 <sup>5</sup> ..... | 180                            | 104                      | 221                                | 20                              | 198                              | 86                       | 214                      | 5                               |
|                         | Meat products                  |                          |                                    |                                 | Fruits and vegetables, fresh     |                          |                          |                                 |
|                         | <i>Index 1982–84=100</i>       | <i>Index 1982–84=100</i> | <i>Index 1982–84=100</i>           | <i>Percent</i>                  | <i>Index 1982–84=100</i>         | <i>Index 1982–84=100</i> | <i>Index 1982–84=100</i> | <i>Percent</i>                  |
| 1993 .....              | 135                            | 107                      | 163                                | 40                              | 182                              | 131                      | 207                      | 24                              |
| 1994 .....              | 135                            | 96                       | 176                                | 36                              | 191                              | 119                      | 225                      | 21                              |
| 1995 .....              | 136                            | 94                       | 178                                | 35                              | 210                              | 133                      | 248                      | 21                              |
| 1996 .....              | 140                            | 100                      | 181                                | 36                              | 216                              | 133                      | 257                      | 20                              |
| 1997 .....              | 144                            | 101                      | 189                                | 36                              | 220                              | 128                      | 265                      | 20                              |
| 1998 .....              | 142                            | 85                       | 200                                | 30                              | 237                              | 133                      | 288                      | 19                              |
| 1999 .....              | 142                            | 82                       | 205                                | 29                              | 252                              | 136                      | 308                      | 18                              |
| 2000 .....              | 150                            | 88                       | 214                                | 30                              | 252                              | 131                      | 310                      | 17                              |
| 2001 .....              | 159                            | 97                       | 223                                | 31                              | 261                              | 138                      | 321                      | 17                              |
| 2002 <sup>5</sup> ..... | 160                            | 103                      | 220                                | 32                              | 272                              | 150                      | 331                      | 18                              |
|                         | Dairy products                 |                          |                                    |                                 | Fats and oils                    |                          |                          |                                 |
|                         | <i>Index 1982–84=100</i>       | <i>Index 1982–84=100</i> | <i>Index 1982–84=100</i>           | <i>Percent</i>                  | <i>Index 1982–84=100</i>         | <i>Index 1982–84=100</i> | <i>Index 1982–84=100</i> | <i>Percent</i>                  |
| 1993 .....              | 129                            | 93                       | 163                                | 35                              | 130                              | 108                      | 138                      | 22                              |
| 1994 .....              | 132                            | 94                       | 166                                | 34                              | 134                              | 126                      | 137                      | 25                              |
| 1995 .....              | 133                            | 92                       | 170                                | 33                              | 137                              | 121                      | 143                      | 24                              |
| 1996 .....              | 142                            | 107                      | 174                                | 36                              | 141                              | 112                      | 151                      | 22                              |
| 1997 .....              | 146                            | 98                       | 189                                | 32                              | 142                              | 109                      | 154                      | 21                              |
| 1998 .....              | 151                            | 113                      | 186                                | 36                              | 147                              | 119                      | 157                      | 22                              |
| 1999 .....              | 160                            | 108                      | 207                                | 32                              | 148                              | 89                       | 170                      | 16                              |
| 2000 .....              | 161                            | 99                       | 218                                | 30                              | 147                              | 81                       | 172                      | 15                              |
| 2001 .....              | 167                            | 119                      | 212                                | 34                              | 156                              | 77                       | 185                      | 13                              |
| 2002 <sup>5</sup> ..... | 168                            | 98                       | 233                                | 28                              | 155                              | 92                       | 179                      | 16                              |
|                         | Poultry                        |                          |                                    |                                 | Fruits and vegetables, processed |                          |                          |                                 |
|                         | <i>Index 1982–84=100</i>       | <i>Index 1982–84=100</i> | <i>Index 1982–84=100</i>           | <i>Percent</i>                  | <i>Index 1982–84=100</i>         | <i>Index 1982–84=100</i> | <i>Index 1982–84=100</i> | <i>Percent</i>                  |
| 1993 .....              | 137                            | 112                      | 166                                | 44                              | 132                              | 107                      | 139                      | 19                              |
| 1994 .....              | 142                            | 115                      | 173                                | 43                              | 135                              | 113                      | 141                      | 20                              |
| 1995 .....              | 144                            | 114                      | 178                                | 42                              | 138                              | 121                      | 143                      | 21                              |
| 1996 .....              | 152                            | 126                      | 183                                | 44                              | 144                              | 122                      | 152                      | 20                              |
| 1997 .....              | 157                            | 121                      | 198                                | 41                              | 148                              | 116                      | 158                      | 19                              |
| 1998 .....              | 157                            | 126                      | 193                                | 43                              | 151                              | 115                      | 162                      | 18                              |
| 1999 .....              | 158                            | 119                      | 203                                | 40                              | 155                              | 114                      | 168                      | 17                              |
| 2000 .....              | 160                            | 117                      | 209                                | 39                              | 154                              | 106                      | 168                      | 17                              |
| 2001 .....              | 165                            | 126                      | 209                                | 41                              | 159                              | 108                      | 175                      | 16                              |
| 2002 <sup>5</sup> ..... | 167                            | 102                      | 242                                | 33                              | 166                              | 111                      | 184                      | 16                              |

<sup>1</sup>The market basket consists of foods that mainly originate on U.S. farms bought in foodstores in a base period, currently 1982–84. <sup>2</sup>Indexes of retail cost are components of the Consumer Price Index published by the Bureau of Labor Statistics. <sup>3</sup>Gross return or payment to farmers for the farm products equivalent to foods in the market basket. <sup>4</sup>The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products. <sup>5</sup>Preliminary.

ERS, Food Markets Branch (202) 694–5375.

**Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 2001 and 2002**

| Commodity and unit                                 | Marketing year average price <sup>1</sup> |                   | Parity price <sup>3</sup> |          |          |
|--|---|-------------------|---------------------------|----------|----------|
|  | 2001 <sup>2</sup>                         | 2002 <sup>2</sup> | 2001                      | 2002     |          |
|  | Dollars                                   | Dollars           | Dollars                   | Dollars  |          |
| <b>Basic commodities:</b>                          |   |                   |                           |          |          |
| Cotton:  |   |                   |                           |          |          |
| American Upland .....                              | pound                                     | 0.298             | 0.445                     | 1.66     | 1.60     |
| Extra long staple .....                            | pound                                     | 0.856             | 0.860                     | 2.32     | 2.26     |
| Wheat .....  | bushel                                    | 2.78              | 3.56                      | 9.61     | 9.35     |
| Rice .....   | cwt                                       | 4.25              | 4.49                      | 26.70    | 25.00    |
| Corn .....   | bushel                                    | 1.97              | 2.32                      | 6.56     | 6.33     |
| Peanuts .....                                      | pound                                     | 0.234             | 0.182                     | 0.675    | 0.648    |
| Tobacco:   |   |                   |                           |          |          |
| Flue-cured, types 11-14 .....                      | pound                                     | 1.857             | 1.821                     | 4.18     | 4.12     |
| Va., fire-cured, type 21 .....                     | pound                                     | 1.759             | 1.884                     | 4.19     | 4.15     |
| Ky.-Tenn., fire-cured, types 22-23 .....           | pound                                     | 2.149             | 2.300                     | 5.27     | 5.15     |
| Burley, type 31 .....                              | pound                                     | 1.973             | 1.979                     | 4.45     | 4.43     |
| Maryland, type 32 <sup>4</sup> .....               | pound                                     | .....             | .....                     | 3.67     | 3.55     |
| Dark air-cured, types 35-36 .....                  | pound                                     | 1.829             | 2.151                     | 4.45     | 4.36     |
| Sun-cured, type 37 .....                           | pound                                     | 1.686             | 1.777                     | 3.78     | 3.86     |
| Pa., seedleaf, type 41 .....                       | pound                                     | 1.65              | 1.45                      | 3.10     | 3.04     |
| Cigar binder type 51 .....                         | pound                                     | 5.59              | 5.33                      | 10.60    | 10.90    |
| Puerto Rican filler, type 46 .....                 | pound                                     | .....             | .....                     | 2.82     | 2.79     |
| Cigar filler types 54-55 .....                     | pound                                     | 1.650             | 1.750                     | 3.56     | 3.52     |
| <b>Designated nonbasic commodities:</b>            |   |                   |                           |          |          |
| All milk, sold to plants .....                     |   |                   |                           |          |          |
| Fluid market .....                                 | cwt                                       | 15.04             | 12.19                     | 32.00    | 32.10    |
| Manufacturing grade .....                          | cwt                                       | 15.08             | 12.20                     | .....    | .....    |
| Honey, all .....                                   | cwt                                       | 13.44             | 10.88                     | .....    | .....    |
| Wool and mohair:                                   |   |                   |                           |          |          |
| Wool <sup>5</sup> .....                            | pound                                     | 0.669             | 1.286                     | 1.50     | 1.50     |
| Mohair <sup>6</sup> .....                          | pound                                     | 0.360             | 0.530                     | 1.65     | 1.53     |
|  | pound                                     | 0.213             | 1.58                      | 4.39     | 5.09     |
| <b>Other nonbasic commodities:</b>                 |   |                   |                           |          |          |
| Field crops and miscellaneous:                     |   |                   |                           |          |          |
| Barley .....                                       | bushel                                    | 2.22              | 2.72                      | 6.41     | 6.22     |
| Beans, dry edible .....                            | cwt                                       | 22.10             | 17.10                     | 47.60    | 46.80    |
| Cottonseed .....                                   | ton                                       | 90.50             | 101.00                    | 253.00   | 254.00   |
| Crude pine gum .....                               | barrel                                    | .....             | .....                     | 227.00   | 224.00   |
| Flaxseed .....                                     | bushel                                    | 4.29              | 5.77                      | 11.30    | 11.00    |
| Hay, all, baled .....                              | ton                                       | 96.50             | 92.40                     | 201.00   | 202.00   |
| Hops .....   | pound                                     | 1.85              | 1.91                      | 4.09     | 4.27     |
| Oats .....   | bushel                                    | 1.59              | 1.81                      | 3.75     | 3.86     |
| Peas, dry edible .....                             | cwt                                       | 5.52              | 7.78                      | .....    | .....    |
| Peppermint oil .....                               | pounds                                    | 10.90             | 11.90                     | 27.90    | 29.20    |
| Popcorn, shelled basis .....                       | cwt                                       | .....             | .....                     | .....    | .....    |
| Potatoes .....                                     | cwt                                       | 6.99              | 6.69                      | 13.60    | 13.20    |
| Rye .....  | bushel                                    | 2.93              | 3.38                      | 5.46     | 5.51     |
| Sorghum grain .....                                | cwt                                       | 3.46              | 4.14                      | 11.20    | 10.80    |
| Soybeans .....                                     | bushel                                    | 4.38              | 5.53                      | 14.30    | 13.90    |
| Spearmint oil .....                                | pound                                     | 9.10              | 9.12                      | 26.50    | 26.60    |
| Sweetpotatoes .....                                | cwt                                       | 15.40             | 16.70                     | 34.10    | 35.20    |
| Tobacco:   |   |                   |                           |          |          |
| Cigar wrapper, type 61 .....                       | pound                                     | .....             | .....                     | 43.40    | 42.00    |
| <b>Fruits:</b>                                     |   |                   |                           |          |          |
| Citrus (equiv. on-tree): <sup>7</sup>              |   |                   |                           |          |          |
| Grapefruit .....                                   | box                                       | 4.69              | 4.92                      | 8.04     | 7.12     |
| Lemons .....                                       | box                                       | 9.06              | 15.54                     | 19.60    | 17.40    |
| Limes, Florida .....                               | box                                       | 17.00             | 11.55                     | .....    | .....    |
| Oranges .....                                      | box                                       | 5.88              | 6.37                      | 11.30    | 10.40    |
| Tangelos, Florida .....                            | box                                       | 3.90              | 5.00                      | .....    | .....    |
| Tangerines .....                                   | box                                       | 11.26             | 12.97                     | 27.40    | 25.00    |
| Temples, Florida .....                             | box                                       | 4.23              | 4.46                      | 9.64     | 8.51     |
| <b>Deciduous and other:</b>                        |   |                   |                           |          |          |
| Apples:  |   |                   |                           |          |          |
| For all sales .....                                | pound                                     | .....             | .....                     | .....    | .....    |
| For fresh consumption <sup>8</sup> .....           | pound                                     | 0.158             | 0.188                     | 0.486    | 0.467    |
| For processing <sup>9</sup> .....                  | ton                                       | 105.00            | .....                     | 320.00   | 310.00   |
| Apricots:  |   |                   |                           |          |          |
| For all sales .....                                | ton                                       | .....             | .....                     | .....    | .....    |
| For fresh consumption <sup>10</sup> .....          | ton                                       | 353.00            | 357.00                    | 1,790.00 | 1,650.00 |
| Dried, California (dried basis) <sup>9</sup> ..... | ton                                       | 1,960.00          | 1,590.00                  | 4,810.00 | 4,680.00 |
| For processing (except dried) <sup>9</sup> .....   | ton                                       | 257.00            | 268.00                    | 672.00   | 656.00   |
| Avocados <sup>10</sup> .....                       | ton                                       | 1,670.00          | 1,920.00                  | 3,430.00 | 3,460.00 |

See footnotes at end of table.

**Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 2001 and 2002—Continued**

| Commodity and unit  | Marketing year average price <sup>1</sup> |                   | Parity price <sup>3</sup> |          |          |
|---|---|-------------------|---------------------------|----------|----------|
|   | 2001 <sup>2</sup>                         | 2002 <sup>2</sup> | 2001                      | 2002     |          |
|   | Dollars                                   | Dollars           | Dollars                   | Dollars  |          |
| Deciduous and other—Con.  |   |                   |                           |          |          |
| Berries for processing:   |   |                   |                           |          |          |
| Blackberries (Oregon) .....   | pound                                     | 0.415             | 0.442                     | 1.01     | 1.00     |
| Boysenberries (California & Oregon) .....                           | pound                                     | 0.689             | 0.657                     | 1.43     | 1.42     |
| Gooseberries .....  | pound                                     | .....             | .....                     | 0.608    | 0.602    |
| Loganberries (Oregon) .....   | pound                                     | 0.455             | 0.808                     | 0.983    | 0.974    |
| Raspberries, black (Oregon) .....                                   | pound                                     | 0.452             | 0.411                     | 1.73     | 1.71     |
| Raspberries, red (Oregon & Washington) .....                        | pound                                     | 0.505             | 0.527                     | 1.38     | 1.36     |
| Cherries:   |   |                   |                           |          |          |
| Sweet .....   | ton....                                   | 1,230.00          | 1,550.00                  | 2,770.00 | 2,790.00 |
| Tart .....  | pound....                                 | 0.186             | 0.448                     | 0.440    | 0.438    |
| Cranberries <sup>11</sup> .....                                     | barrel....                                | 23.80             | 30.20                     | 115.00   | 108.00   |
| Dates, California <sup>10</sup> .....                               | ton....                                   | 1,360.00          | 1,550.00                  | 2,450.00 | 2,540.00 |
| Figs, California .....  | ton....                                   | 366.00            | 329.00                    | .....    | .....    |
| Grapes:   |   |                   |                           |          |          |
| For all sales .....   | ton....                                   | 449.00            | 387.00                    | .....    | .....    |
| Raisin varieties dried, California (dried basis) <sup>9</sup> ..... | ton....                                   | 548.00            | .....                     | 2,450.00 | 2,160.00 |
| Nectarines (California):  |   |                   |                           |          |          |
| For all sales .....   | ton....                                   | 464.00            | 382.00                    | .....    | .....    |
| For fresh consumption <sup>19</sup> .....                           | ton....                                   | 480.00            | 383.00                    | 1,020.00 | 1,020.00 |
| For processing <sup>19</sup> .....                                  | ton....                                   | 26.00             | .....                     | 65.90    | 61.70    |
| Olives (California): <sup>12</sup>                                  |   |                   |                           |          |          |
| For all sales .....   | ton....                                   | 672.00            | 573.00                    | .....    | .....    |
| Crushed for oil .....   | ton....                                   | 6.00              | 23.00                     | 25.80    | 24.40    |
| For all sales (except crushed) .....                                | ton....                                   | 682.00            | 599.00                    | 1,350.00 | 1,350.00 |
| For canning .....   | ton....                                   | 770.00            | 657.00                    | 1,570.00 | 1,570.00 |
| Peaches:  |   |                   |                           |          |          |
| For all sales .....   | pound....                                 | 0.211             | 0.204                     | .....    | .....    |
| For fresh consumption <sup>9</sup> .....                            | pound....                                 | 0.309             | 0.311                     | 0.623    | 0.619    |
| Dried, California (dried basis) <sup>9</sup> .....                  | ton....                                   | 514.00            | 456.00                    | 1,840.00 | 1,660.00 |
| For processing California (except dried):                           |   |                   |                           |          |          |
| Clingstone <sup>12</sup> .....                                      | ton....                                   | 244.00            | 247.00                    | 530.00   | 525.00   |
| Freestone <sup>9</sup> .....  | ton....                                   | 182.00            | 185.00                    | 449.00   | 441.00   |
| Pears:  |   |                   |                           |          |          |
| For all sales .....   | ton....                                   | 264.00            | 295.00                    | .....    | .....    |
| For fresh consumption <sup>9</sup> .....                            | ton....                                   | 365.00            | 413.00                    | 848.00   | 835.00   |
| Dried, California (dried basis) <sup>9</sup> .....                  | ton....                                   | 1,210.00          | 1,300.00                  | 2,530.00 | 2,620.00 |
| For processing (except dried) <sup>9</sup> .....                    | ton....                                   | 175.00            | 212.00                    | 480.00   | 464.00   |
| Plums (California):   |   |                   |                           |          |          |
| For all sales <sup>10</sup> .....                                   | ton....                                   | 306.00            | 386.00                    | .....    | .....    |
| For fresh consumption <sup>19</sup> .....                           | ton....                                   | .....             | .....                     | 889.00   | 869.00   |
| For processing <sup>19</sup> .....                                  | ton....                                   | .....             | .....                     | 41.40    | 45.10    |
| Prunes, dried (California) <sup>9</sup> .....                       | ton....                                   | 723.00            | 810.00                    | 2,270.00 | 2,210.00 |
| Prunes and plums (excl. California):                                |   |                   |                           |          |          |
| For fresh consumption <sup>13</sup> .....                           | ton....                                   | 345.00            | 396.00                    | 863.00   | 830.00   |
| For processing (except dried) <sup>9</sup> .....                    | ton....                                   | 185.00            | 203.00                    | 398.00   | 389.00   |
| Strawberries:   |   |                   |                           |          |          |
| For fresh consumption <sup>14</sup> .....                           | pound....                                 | 0.758             | 0.711                     | 1.49     | 1.51     |
| For processing <sup>9</sup> .....                                   | pound....                                 | 0.292             | 0.333                     | 0.651    | 0.644    |
| Sugar crops:  |   |                   |                           |          |          |
| Maple sirup .....   | gallon....                                | 28.60             | 27.60                     | .....    | .....    |
| Sugarbeets .....  | ton....                                   | 39.40             | .....                     | 94.30    | 91.70    |
| Sugarcane for sugar .....   | ton....                                   | 28.40             | .....                     | 67.70    | 66.20    |
| Tree nuts: <sup>15</sup>  |   |                   |                           |          |          |
| Almonds .....   | pound....                                 | 0.910             | 1.01                      | 3.67     | 3.47     |
| Hazelnuts .....   | ton....                                   | 701.00            | 1,000.00                  | 1,960.00 | 1,910.00 |
| Pecans, all .....   | ton....                                   | 1,188.00          | 1,898.00                  | 4,630.00 | 4,380.00 |
| Improved .....  | pound....                                 | .....             | .....                     | .....    | .....    |
| Seedling .....  | pound....                                 | .....             | .....                     | .....    | .....    |
| Walnuts .....   | ton....                                   | 1,120.00          | .....                     | 2,940.00 | 2,960.00 |

See footnotes at end of table.

**Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 2001 and 2002—Continued**

| Commodity and unit                               | Marketing year average price <sup>1</sup> |                   | Parity price <sup>3</sup> |          |          |
|--|---|-------------------|---------------------------|----------|----------|
|  | 2001 <sup>2</sup>                         | 2002 <sup>2</sup> | 2001                      | 2002     |          |
|  | Dollars                                   | Dollars           | Dollars                   | Dollars  |          |
| <b>Vegetables for fresh market:<sup>14</sup></b> |   |                   |                           |          |          |
| Artichokes, California .....                     | cwt....                                   | 58.60             | 71.50                     | 74.20    | 73.50    |
| Asparagus .....                                  | cwt....                                   | 140.00            | 110.00                    | 251.00   | 262.00   |
| Broccoli .....                                   | cwt....                                   | 26.50             | 31.20                     | 63.90    | 63.80    |
| Cabbage .....                                    | cwt....                                   | 13.30             | 12.90                     | 22.50    | 22.30    |
| Cantaloups .....                                 | cwt....                                   | 19.00             | 17.60                     | 34.70    | 34.40    |
| Carrots <sup>15</sup> .....                      | cwt....                                   | 17.20             | 19.00                     | 31.50    | 32.30    |
| Cauliflower <sup>16</sup> .....                  | cwt....                                   | 29.20             | 32.00                     | 72.90    | 72.00    |
| Celery <sup>16</sup> .....                       | cwt....                                   | 14.40             | 12.80                     | 32.00    | 32.30    |
| Cucumbers .....                                  | cwt....                                   | 19.60             | 18.80                     | 37.20    | 36.80    |
| Eggplant .....                                   | cwt....                                   | 27.00             | .....                     | 39.30    | 38.90    |
| Escarole/Endive .....                            | cwt....                                   | 29.50             | .....                     | 50.60    | 50.10    |
| Garlic, California .....                         | cwt....                                   | 29.40             | 27.60                     | 47.80    | 47.30    |
| Green peppers <sup>16</sup> .....                | cwt....                                   | 28.60             | 29.70                     | 58.70    | 58.10    |
| Honeydew melons .....                            | cwt....                                   | 21.10             | 18.00                     | 44.00    | 43.80    |
| Lettuce .....                                    | cwt....                                   | 17.90             | 21.20                     | 37.20    | 38.00    |
| Onions <sup>16</sup> .....                       | cwt....                                   | 11.40             | 12.40                     | 27.90    | 27.50    |
| Snap beans .....                                 | cwt....                                   | 45.10             | 47.60                     | 73.60    | 72.80    |
| Spinach .....                                    | cwt....                                   | 32.50             | 34.10                     | 64.40    | 63.80    |
| Sweet corn .....                                 | cwt....                                   | 19.50             | 19.20                     | 40.90    | 41.00    |
| Tomatoes .....                                   | cwt....                                   | 30.40             | 32.30                     | 72.40    | 70.70    |
| Watermelons .....                                | cwt....                                   | 6.77              | 8.36                      | 13.80    | 13.70    |
| <b>Vegetables for processing:<sup>9</sup></b>    |   |                   |                           |          |          |
| Asparagus .....                                  | ton....                                   | 1,040.00          | 1,110.00                  | 2,640.00 | 2,620.00 |
| Beets .....                                      | ton....                                   | 65.80             | .....                     | 127.00   | 126.00   |
| Cabbage .....                                    | ton....                                   | 48.70             | .....                     | 98.00    | 97.10    |
| Cucumbers .....                                  | ton....                                   | 291.00            | 273.00                    | .....    | .....    |
| Green peas .....                                 | ton....                                   | 264.00            | 252.00                    | 631.00   | 622.00   |
| Lima beans .....                                 | ton....                                   | 459.00            | 430.00                    | 1,090.00 | 1,080.00 |
| Snap beans .....                                 | ton....                                   | 161.00            | 151.00                    | 413.00   | 404.00   |
| Spinach .....                                    | ton....                                   | 116.00            | 110.00                    | 236.00   | 234.00   |
| Sweet corn .....                                 | ton....                                   | 72.90             | 68.20                     | 173.00   | 171.00   |
| Tomatoes .....                                   | ton....                                   | 59.20             | 58.20                     | 153.00   | 149.00   |
| <b>Livestock and livestock products:</b>         |   |                   |                           |          |          |
| All beef cattle .....                            | cwt....                                   | 71.20             | 66.70                     | 157.00   | 154.00   |
| Cows .....                                       | cwt....                                   | .....             | .....                     | .....    | .....    |
| Steers and heifers .....                         | cwt....                                   | .....             | .....                     | .....    | .....    |
| Calves .....                                     | cwt....                                   | 106.70            | 96.70                     | 207.00   | 205.00   |
| Beeswax .....                                    | pound...                                  | .....             | .....                     | 4.75     | 4.70     |
| <b>Chickens:</b>                                 |   |                   |                           |          |          |
| Excluding broilers, live .....                   | pound...                                  | 0.045             | 0.047                     | .....    | .....    |
| Broilers, live <sup>20</sup> .....               | pound...                                  | 0.393             | 0.305                     | .....    | .....    |
| All Eggs .....                                   | dozen...                                  | 0.605             | 0.603                     | 1.55     | 1.51     |
| Hogs .....                                       | cwt....                                   | 44.10             | 33.30                     | 103.00   | 99.80    |
| Lambs .....                                      | cwt....                                   | 67.60             | 73.30                     | 173.00   | 174.00   |
| Milk cows <sup>17</sup> .....                    | head....                                  | .....             | .....                     | .....    | .....    |
| Milk, retail <sup>18</sup> .....                 | quart...                                  | .....             | .....                     | .....    | .....    |
| Sheep .....                                      | cwt....                                   | 35.80             | 28.90                     | 72.10    | 73.80    |
| Turkeys, live .....                              | pound...                                  | 0.391             | 0.365                     | 0.954    | 0.940    |

<sup>1</sup>Marketing year average prices for crops: weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighing State prices by quantities sold, or by production for those commodities for which virtually all the production is sold. <sup>2</sup>Preliminary. <sup>3</sup>Parity prices are for January of the year shown as published in the January issue of Agricultural Prices. <sup>4</sup>Previous year. <sup>5</sup>Average local market price for wool sold excluding incentive payment. <sup>6</sup>Average local market price for mohair sold excluding incentive payment. Texas only prior to 1985. <sup>7</sup>Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest begins. Thus the prices shown for 1996 relate to the citrus crop designated as 1996-97 in the production reports. <sup>8</sup>Equivalent packinghouse-door returns for California, Oregon (pears only), Washington, and New York (apples only), and prices as sold for other States. <sup>9</sup>Equivalent returns at processing plant-door. <sup>10</sup>Equivalent returns at packinghouse-door. <sup>11</sup>Weighted average of co-op and independent sales. Co-op prices represent pool proceeds excluding returns from non-cranberry products and before deductions for capital stock and other retains. <sup>12</sup>Equivalent per unit returns for bulk fruit at first delivery point. <sup>13</sup>Average price as sold. <sup>14</sup>FOB shipping point when available. Weighted average of prices at points of first sale when FOB shipping point price not available. <sup>15</sup>Prices are in-shell basis except almonds which are shelled basis. <sup>16</sup>Includes some processing. <sup>17</sup>Simple average of States weighted by estimated Jan. 1 head for U.S. average. <sup>18</sup>Sold by farmers directly to consumers. <sup>19</sup>Prices for fresh and processing breakdown no longer published to avoid disclosure of individual operations. <sup>20</sup>Live weight equivalent price.

**Table 9-31.—Producer prices: Index numbers, by groups of commodities, United States, 1994–2003**  
[1982=100]

| Year                    | Total finished goods | Consumer foods | Total consumer goods | Total intermediate materials | Total crude materials |
|-------------------------|----------------------|----------------|----------------------|------------------------------|-----------------------|
| 1994 .....              | 125.5                | 126.8          | 123.3                | 118.5                        | 101.8                 |
| 1995 .....              | 127.9                | 129.0          | 125.6                | 124.9                        | 102.7                 |
| 1996 .....              | 131.3                | 133.6          | 129.5                | 125.7                        | 113.8                 |
| 1997 .....              | 131.8                | 134.5          | 130.2                | 125.6                        | 111.1                 |
| 1998 .....              | 130.7                | 134.3          | 128.9                | 123.0                        | 96.8                  |
| 1999 .....              | 133.0                | 135.1          | 132.0                | 123.2                        | 98.2                  |
| 2000 .....              | 138.0                | 137.2          | 138.2                | 129.2                        | 120.6                 |
| 2001 .....              | 140.7                | 141.3          | 141.5                | 129.7                        | 121.0                 |
| 2002 .....              | 138.9                | 140.1          | 139.4                | 127.8                        | 108.1                 |
| 2003 <sup>1</sup> ..... | 143.3                | 146.0          | 145.2                | 133.7                        | 135.3                 |

<sup>1</sup> Preliminary.

ERS, Food Marketing Branch, (202) 694-5349. Compiled from reports of the U.S. Department of Labor.

**Table 9-32.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1994–2003<sup>1</sup>**  
[1910–14=100]

| Year                    | Food grains | Feed grains and hay | Cotton | Tobacco | Oil-bearing crops | Fruit & nuts <sup>2</sup> | Commercial vegetables | Other crops |
|-------------------------|-------------|---------------------|--------|---------|-------------------|---------------------------|-----------------------|-------------|
| 1994 .....              | 377         | 381                 | 559    | 1,538   | 600               | 632                       | 731                   | 517         |
| 1995 .....              | 426         | 400                 | 653    | 1,559   | 568               | 680                       | 806                   | 525         |
| 1996 .....              | 497         | 521                 | 626    | 1,592   | 700               | 824                       | 740                   | 532         |
| 1997 .....              | 406         | 418                 | 573    | 1,570   | 715               | 770                       | 792                   | 532         |
| 1998 .....              | 328         | 356                 | 546    | 1,572   | 588               | 777                       | 818                   | 532         |
| 1999 .....              | 287         | 307                 | 436    | 1,536   | 452               | 803                       | 736                   | 532         |
| 2000 .....              | 272         | 308                 | 421    | 1,614   | 467               | 682                       | 807                   | 541         |
| 2001 .....              | 290         | 325                 | 328    | 1,614   | 437               | 764                       | 870                   | 554         |
| 2002 .....              | 331         | 356                 | 284    | 1,638   | 480               | 736                       | 948                   | 561         |
| 2003 <sup>4</sup> ..... | 343         | 371                 | 438    | 1,610   | 585               | 735                       | 933                   | 564         |

  

| Year                    | Potatoes, and dry edible beans | All crops | Meat animals | Dairy products | Poultry and eggs | Livestock and livestock products | All farm products | Parity ratio <sup>3</sup> |
|-------------------------|--------------------------------|-----------|--------------|----------------|------------------|----------------------------------|-------------------|---------------------------|
| 1994 .....              | 556                            | 520       | 910          | 797            | 298              | 727                              | 634               | 45                        |
| 1995 .....              | 541                            | 553       | 868          | 783            | 300              | 707                              | 646               | 44                        |
| 1996 .....              | 576                            | 624       | 882          | 914            | 337              | 761                              | 712               | 47                        |
| 1997 .....              | 457                            | 568       | 933          | 820            | 319              | 755                              | 678               | 43                        |
| 1998 .....              | 500                            | 526       | 804          | 953            | 328              | 740                              | 644               | 42                        |
| 1999 .....              | 507                            | 476       | 840          | 882            | 310              | 731                              | 607               | 40                        |
| 2000 .....              | 472                            | 473       | 955          | 757            | 299              | 744                              | 611               | 38                        |
| 2001 .....              | 497                            | 488       | 989          | 920            | 323              | 812                              | 649               | 40                        |
| 2002 .....              | 652                            | 520       | 884          | 744            | 265              | 691                              | 622               | 38                        |
| 2003 <sup>4</sup> ..... | 527                            | 548       | 1,046        | 769            | 310              | 789                              | 677               | 40                        |

<sup>1</sup> These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been compared with 1990–92 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent previous 5-year period. For example, 1994 indexes use quantities sold for the period 1988–92. Then, the 1990–92 indexes are adjusted to a 1910–14 reference. <sup>2</sup> Fresh market for noncitrus, and fresh market and processing for citrus. <sup>3</sup> Ratio of Index of Prices Received to the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Farm Wage Rates. <sup>4</sup> Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 9-33.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1994–2003<sup>1</sup>**  
(1990–92=100)

| Year                    | Food grains | Feed grains and hay | Cotton | Tobacco | Oil-bearing crops | Fruit & Nuts <sup>2</sup> | Commercial vegetables | Other Crops |
|-------------------------|-------------|---------------------|--------|---------|-------------------|---------------------------|-----------------------|-------------|
| 1994 .....              | 119         | 106                 | 109    | 102     | 110               | 90                        | 109                   | 105         |
| 1995 .....              | 134         | 112                 | 127    | 103     | 104               | 97                        | 121                   | 106         |
| 1996 .....              | 157         | 146                 | 122    | 105     | 128               | 118                       | 111                   | 108         |
| 1997 .....              | 128         | 117                 | 112    | 104     | 131               | 110                       | 118                   | 108         |
| 1998 .....              | 103         | 100                 | 107    | 104     | 107               | 111                       | 123                   | 108         |
| 1999 .....              | 91          | 86                  | 85     | 102     | 83                | 115                       | 110                   | 108         |
| 2000 .....              | 85          | 86                  | 82     | 107     | 85                | 98                        | 121                   | 110         |
| 2001 .....              | 91          | 91                  | 64     | 107     | 80                | 109                       | 130                   | 112         |
| 2002 .....              | 104         | 100                 | 56     | 108     | 88                | 105                       | 142                   | 114         |
| 2003 <sup>4</sup> ..... | 108         | 104                 | 85     | 106     | 107               | 88                        | 140                   | 114         |

  

| Year                    | Potatoes and dry edible beans | All crops | Meat animals | Dairy products | Poultry and eggs | Livestock and livestock products | All farm products | Ratio <sup>3</sup> |
|-------------------------|-------------------------------|-----------|--------------|----------------|------------------|----------------------------------|-------------------|--------------------|
| 1994 .....              | 110                           | 105       | 90           | 99             | 106              | 95                               | 100               | 94                 |
| 1995 .....              | 107                           | 112       | 85           | 98             | 107              | 92                               | 102               | 93                 |
| 1996 .....              | 114                           | 127       | 87           | 114            | 120              | 99                               | 112               | 98                 |
| 1997 .....              | 90                            | 115       | 92           | 102            | 113              | 98                               | 107               | 90                 |
| 1998 .....              | 99                            | 107       | 79           | 119            | 117              | 97                               | 101               | 89                 |
| 1999 .....              | 100                           | 97        | 83           | 110            | 110              | 95                               | 96                | 83                 |
| 2000 .....              | 93                            | 96        | 94           | 94             | 106              | 97                               | 96                | 80                 |
| 2001 .....              | 98                            | 99        | 97           | 115            | 115              | 106                              | 102               | 83                 |
| 2002 .....              | 129                           | 106       | 87           | 93             | 94               | 90                               | 98                | 79                 |
| 2003 <sup>4</sup> ..... | 104                           | 111       | 103          | 96             | 110              | 103                              | 107               | 83                 |

<sup>1</sup> These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been compared with 1990–92 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent previous 5-year period. For example, 1994 indexes use quantities sold for the period 1988–92. <sup>2</sup> Fresh market for noncitrus, and fresh market and processing for citrus. <sup>3</sup> Ratio of Index of Prices Received (1990–92=100) to Index of Prices Paid by Farmers for Commodities & Services, Interest, Taxes, and Wage Rates (1990–92=100). <sup>4</sup> Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Table 9-34.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1994–2003**  
(1990–92=100)

| Production indexes      |                              |      |                     |       |            |                        |       |                      |                  |
|-------------------------|------------------------------|------|---------------------|-------|------------|------------------------|-------|----------------------|------------------|
| Year                    | Production (all commodities) | Feed | Livestock & Poultry | Seeds | Fertilizer | Agricultural chemicals | Fuels | Supplies and Repairs | Autos and trucks |
| 1994 .....              | 106                          | 106  | 94                  | 108   | 105        | 112                    | 89    | 109                  | 111              |
| 1995 .....              | 108                          | 103  | 82                  | 110   | 121        | 116                    | 89    | 112                  | 115              |
| 1996 .....              | 115                          | 129  | 75                  | 115   | 125        | 119                    | 102   | 115                  | 117              |
| 1997 .....              | 119                          | 125  | 94                  | 119   | 121        | 121                    | 106   | 118                  | 119              |
| 1998 .....              | 113                          | 111  | 88                  | 122   | 112        | 122                    | 84    | 119                  | 119              |
| 1999 .....              | 111                          | 100  | 95                  | 122   | 105        | 121                    | 93    | 121                  | 119              |
| 2000 .....              | 116                          | 102  | 110                 | 124   | 110        | 120                    | 134   | 124                  | 119              |
| 2001 .....              | 120                          | 109  | 111                 | 132   | 123        | 121                    | 119   | 128                  | 118              |
| 2002 .....              | 119                          | 112  | 102                 | 142   | 108        | 119                    | 112   | 131                  | 116              |
| 2003 <sup>4</sup> ..... | 124                          | 115  | 109                 | 154   | 124        | 121                    | 144   | 134                  | 115              |

| Production indexes - continued |                |                    |                            |      | Interest | Taxes | Wage rates <sup>2</sup> | Production, interest, taxes, and wage rates | Family living | Commodities, interest, taxes, and wage rates <sup>3</sup> |
|--------------------------------|----------------|--------------------|----------------------------|------|----------|-------|-------------------------|---|---------------|---|
| Year                           | Farm machinery | Building Materials | Farm services <sup>1</sup> | Rent |          |       |                         |   |               |   |
| 1994 .....                     | 113            | 109                | 115                        | 108  | 94       | 106   | 111                     | 106   | 110           | 106   |
| 1995 .....                     | 120            | 114                | 115                        | 117  | 102      | 109   | 114                     | 108   | 113           | 109   |
| 1996 .....                     | 125            | 115                | 116                        | 128  | 106      | 112   | 117                     | 115   | 116           | 115   |
| 1997 .....                     | 128            | 118                | 116                        | 136  | 105      | 115   | 123                     | 118   | 119           | 118   |
| 1998 .....                     | 132            | 118                | 115                        | 120  | 104      | 119   | 129                     | 114   | 121           | 115   |
| 1999 .....                     | 135            | 120                | 116                        | 113  | 106      | 120   | 135                     | 113   | 124           | 115   |
| 2000 .....                     | 139            | 121                | 119                        | 110  | 113      | 123   | 140                     | 118   | 128           | 120   |
| 2001 .....                     | 144            | 121                | 121                        | 117  | 109      | 124   | 146                     | 122   | 131           | 123   |
| 2002 .....                     | 148            | 122                | 120                        | 119  | 104      | 126   | 153                     | 121   | 133           | 124   |
| 2003 <sup>4</sup> .....        | 149            | 124                | 123                        | 120  | 104      | 128   | 157                     | 126   | 136           | 128   |

<sup>1</sup> The Farm Service and Rent indexes were combined prior to 1992. <sup>2</sup> Simple average of seasonally adjusted quarterly indexes. <sup>3</sup> Family Living component included. <sup>4</sup> Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.



**Table 9-35.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1994–2003<sup>1</sup>**  
[1910–14=100]

| Year                    | Family living | Production indexes           |      |                       |       |            |                        |       |                      |
|-------------------------|---------------|------------------------------|------|-----------------------|-------|------------|------------------------|-------|----------------------|
|                         |               | Production (all commodities) | Feed | Livestock and poultry | Seed  | Fertilizer | Agricultural chemicals | Fuels | Supplies and repairs |
| 1994 .....              | 1,404         | 1,030                        | 518  | 1,207                 | 1,071 | 387        | 695                    | 689   | 776                  |
| 1995 .....              | 1,447         | 1,051                        | 502  | 1,047                 | 1,088 | 444        | 717                    | 690   | 798                  |
| 1996 .....              | 1,490         | 1,118                        | 631  | 962                   | 1,143 | 458        | 736                    | 789   | 816                  |
| 1997 .....              | 1,525         | 1,151                        | 612  | 1,200                 | 1,180 | 443        | 745                    | 816   | 835                  |
| 1998 .....              | 1,548         | 1,092                        | 539  | 1,123                 | 1,209 | 412        | 756                    | 646   | 846                  |
| 1999 .....              | 1,582         | 1,078                        | 486  | 1,217                 | 1,201 | 385        | 746                    | 720   | 862                  |
| 2000 .....              | 1,636         | 1,124                        | 497  | 1,402                 | 1,228 | 404        | 741                    | 1,033 | 881                  |
| 2001 .....              | 1,682         | 1,161                        | 530  | 1,419                 | 1,306 | 451        | 745                    | 915   | 906                  |
| 2002 .....              | 1,709         | 1,156                        | 547  | 1,306                 | 1,402 | 394        | 736                    | 866   | 927                  |
| 2003 <sup>3</sup> ..... | 1,747         | 1,206                        | 562  | 1,394                 | 1,521 | 453        | 748                    | 1,114 | 947                  |

  

| Year                    | Production indexes—Continued |                |                    |                        | Interest | Taxes | Wage rates | Production, interest, taxes, and wage rates | Commodities, interest, taxes, and wage rates <sup>2</sup> |
|-------------------------|------------------------------|----------------|--------------------|------------------------|----------|-------|------------|---|---|
|                         | Autos and trucks             | Farm machinery | Building materials | Farm services and rent |          |       |            |   |   |
| 1994 .....              | 2,958                        | 2,843          | 1,488              | 1,304                  | 2,548    | 2,828 | 4,140      | 1,419                                       | 1,416   |
| 1995 .....              | 3,053                        | 3,009          | 1,553              | 1,384                  | 2,548    | 2,915 | 4,278      | 1,456                                       | 1,454   |
| 1996 .....              | 3,126                        | 3,128          | 1,569              | 1,442                  | 2,652    | 3,001 | 4,389      | 1,540                                       | 1,531   |
| 1997 .....              | 3,161                        | 3,216          | 1,602              | 1,477                  | 2,621    | 3,093 | 4,591      | 1,585                                       | 1,574   |
| 1998 .....              | 3,152                        | 3,313          | 1,605              | 1,394                  | 2,617    | 3,185 | 4,838      | 1,528                                       | 1,532   |
| 1999 .....              | 3,166                        | 3,393          | 1,628              | 1,364                  | 2,663    | 3,214 | 5,037      | 1,520                                       | 1,531   |
| 2000 .....              | 3,160                        | 3,490          | 1,647              | 1,374                  | 2,825    | 3,281 | 5,236      | 1,585                                       | 1,594   |
| 2001 .....              | 3,141                        | 3,601          | 1,646              | 1,422                  | 2,738    | 3,330 | 5,468      | 1,633                                       | 1,642   |
| 2002 .....              | 3,082                        | 3,704          | 1,654              | 1,426                  | 2,615    | 3,378 | 5,705      | 1,631                                       | 1,645   |
| 2003 <sup>3</sup> ..... | 3,044                        | 3,744          | 1,679              | 1,448                  | 2,599    | 3,426 | 5,885      | 1,696                                       | 1,705   |

<sup>1</sup> Based on Consumer Price Index-Urban of Bureau of Labor Statistics. <sup>2</sup> The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910–14=100 base. <sup>3</sup> Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–6146.

**Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2001–2003<sup>1</sup>**

| Commodity   | Unit  | 2001           | 2002           | 2003           |
|---|-------|----------------|----------------|----------------|
|   |       | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| <b>Fuels and energy:</b>                                    |       |                |                |                |
| Diesel fuel <sup>2 3</sup> .....                            | Gal   | 1.080          | 0.964          | 1.238          |
| Gasoline, service station, unleaded <sup>4</sup> .....      | Gal   | 1.43           | 1.36           | 1.61           |
| Gasoline, service station, bulk delivery <sup>4</sup> ..... | Gal   | 1.47           | 1.37           | 1.60           |
| L. P. gas, bulk delivery <sup>2</sup> .....                 | Gal   | 1.160          | 0.925          | 1.213          |
| <b>Feeds:</b>   |       |                |                |                |
| Alfalfa Meal .....  | Cwt   | 13.40          | 14.40          | 15.00          |
| Alfalfa Pellets .....                                       | Cwt   | 13.40          | 14.40          | 15.30          |
| Bran .....  | Cwt   | 13.40          | 13.60          | 13.70          |
| <b>Beef Cattle Concentrate.</b>                             |       |                |                |                |
| 32–36% Protein .....  | Ton   | 279            | 277            | 290            |
| Corn Meal .....   | Cwt   | 7.59           | 8.06           | 9.90           |
| Cottonseed Meal, 41% .....                                  | Cwt   | 15.70          | 15.80          | 16.60          |
| <b>Dairy Feed</b>   |       |                |                |                |
| 14% Protein .....   | Ton   | 176            | 175            | 183            |
| 16% Protein .....   | Ton   | 184            | 190            | 200            |
| 18% Protein .....   | Ton   | 185            | 194            | 207            |
| 20% Protein .....   | Ton   | 184            | 191            | 201            |
| 32% Protein Conc. ....                                      | Ton   | 291            | 298            | 311            |
| <b>Hog Feed</b>   |       |                |                |                |
| 14–18% Protein .....  | Ton   | 215            | 216            | 223            |
| 38–42% Protein Conc. ....                                   | Ton   | 302            | 307            | 322            |
| Molasses, Liquid .....                                      | Cwt   | 12.40          | 12.90          | 13.30          |
| <b>Poultry Feed:</b>  |       |                |                |                |
| Broiler Grower .....  | Ton   | 232            | 259            | 234            |
| Chick Starter .....   | Ton   | 239            | 240            | 241            |
| Laying Feed .....   | Ton   | 212            | 225            | 232            |
| Turkey Grower .....   | Ton   | 259            | 264            | 279            |
| Soybean Meal, 44% .....                                     | Cwt   | 13.40          | 13.50          | 14.50          |
| Stock Salt .....  | 50 Lb | 4.05           | 4.12           | 4.30           |
| Trace Mineral Blocks .....                                  | 50 Lb | 5.14           | 5.24           | 5.40           |

See footnotes at end of table.

**Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2001–2003<sup>1</sup>—Continued**

| Commodity   | Unit | 2001           | 2002           | 2003           |
|---|------|----------------|----------------|----------------|
|   |      | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| <b>Fertilizer:<sup>5</sup></b>  |      |                |                |                |
| 0-15-40 .....   | Ton  | 189            | 178            | 195            |
| 0-18-36 .....   | Ton  | 184            | 175            | 188            |
| 0-20-20 .....   | Ton  | 192            | 193            | 200            |
| 3-10-30 .....   | Ton  | 173            | 172            | 171            |
| 5-10-10 .....   | Ton  | 150            | 146            | 161            |
| 5-10-15 .....   | Ton  | 170            | 165            | 179            |
| 5-10-30 .....   | Ton  | 184            | 182            | 187            |
| 5-20-20 .....   | Ton  | 188            | 182            | 191            |
| 6- 6- 6 .....   | Ton  | 215            | 224            | 205            |
| 6- 6-18 .....   | Ton  | 213            | 207            | 212            |
| 6-12-12 .....   | Ton  | 173            | 156            | 169            |
| 6-24-24 .....   | Ton  | 221            | 214            | 227            |
| 8- 8- 8 .....   | Ton  | 173            | 166            | 179            |
| 8-20- 5 .....   | Ton  | 232            | 224            | 235            |
| 8-32-16 .....   | Ton  | 228            | 229            | 241            |
| 9-23-30 .....   | Ton  | 208            | 195            | 212            |
| 10- 3- 3 .....  | Ton  | 207            | 190            | 245            |
| 10- 6- 4 .....  | Ton  | 157            | 166            | 167            |
| 10-10-10 .....  | Ton  | 179            | 174            | 186            |
| 10-20-10 .....  | Ton  | 199            | 194            | 207            |
| 10-20-20 .....  | Ton  | 217            | 209            | 218            |
| 10-34- 0 .....  | Ton  | 260            | 238            | 255            |
| 11-52- 0 .....  | Ton  | 260            | 246            | 266            |
| 13-13-13 .....  | Ton  | 210            | 201            | 212            |
| 15-15-15 .....  | Ton  | 230            | 223            | 235            |
| 16- 0-13 .....  | Ton  | 185            | 161            | 185            |
| 16- 4- 8 .....  | Ton  | 237            | 235            | 239            |
| 16- 6-12 .....  | Ton  | 203            | 186            | 187            |
| 16-16-16 .....  | Ton  | 284            | 292            | 315            |
| 16-20- 0 .....  | Ton  | 246            | 243            | 253            |
| 17-17-17 .....  | Ton  | 230            | 212            | 229            |
| 18-46- 0 (DAP) .....  | Ton  | 244            | 227            | 250            |
| 19-19-19 .....  | Ton  | 234            | 207            | 237            |
| 24- 8- 0 .....  | Ton  | 205            | 167            | 188            |
| Ammonium Nitrate .....  | Ton  | 260            | 195            | 243            |
| Anhydrous Ammonia .....   | Ton  | 399            | 250            | 373            |
| Aqua Ammonia .....  | Ton  | 119            | 104            | 130            |
| Limestone, Spread on field .....  | Ton  | 19.10          | 19.00          | 19.40          |
| Muriate of Potash, 60–62% K2O .....   | Ton  | 170            | 164            | 165            |
| Nitrate of Soda .....   | Ton  | 274            | 282            | 278            |
| <b>Nitrogen Solutions.</b>  |      |                |                |                |
| 28% N .....   | Ton  | 204            | 135            | 166            |
| 30% N .....   | Ton  | 189            | 127            | 161            |
| 32% N .....   | Ton  | 221            | 148            | 184            |
| Sulfate of Ammonia .....  | Ton  | 192            | 187            | 195            |
| Superphosphate, 44-46% P2O5 .....   | Ton  | 236            | 221            | 243            |
| Urea, 44-46% Nitrogen .....   | Ton  | 280            | 191            | 261            |
| <b>Farm Machinery:</b>  |      |                |                |                |
| <b>Baler, Pick-Up, Automatic Tie, P.T.O.</b>  |      |                |                |                |
| Square Conventional, Under 200 Lb Bales .....   | Each | 16,300         | 16,800         | 17,300         |
| Round, 1200-1500 Lb Bale .....  | Each | 17,600         | 17,900         | 18,300         |
| Round, 1900-2200 Lb Bale .....  | Each | 23,000         | 25,200         | 25,600         |
| <b>Chisel Plow, Maximum 1 Foot Depth of Tillage, Chisel or Sweep Type, Drawn or Mounted, 16-20 Foot .....</b> |      |                |                |                |
| Each  | Each | 13,000         | 13,400         | 13,100         |
| <b>Combine, Self Propelled with Grain head</b>  |      |                |                |                |
| Extra-large capacity .....  | Each | 181,000        | 187,000        | 196,000        |
| Large capacity .....  | Each | 152,000        | 156,000        | 159,000        |
| <b>Corn Head for combine</b>  |      |                |                |                |
| 6 Row .....   | Each | 24,500         | 25,700         | 25,900         |
| 8 Row .....   | Each | 32,100         | 33,200         | 33,900         |
| <b>Cotton Picker, Self Propelled, with sprindle,</b>  |      |                |                |                |
| 4-Row .....   | Each | 222,000        | 225,000        | 216,000        |
| <b>Cultivator, Row Crop</b>   |      |                |                |                |
| 6-Row .....   | Each | 6,040          | 5,990          | 6,330          |
| 12-Row, Flexible .....  | Each | 13,800         | 13,900         | 13,700         |
| <b>Disk Harrow, Tandem, Drawn<sup>7</sup></b>   |      |                |                |                |
| 15-17 Foot .....  | Each | 13,700         | 14,300         | 15,200         |
| 18-20 foot .....  | Each | 18,000         | 18,500         | 19,300         |

See footnotes at end of table.

**Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2001–2003<sup>1</sup>—Continued**

| Commodity  | Unit | 2001           | 2002           | 2003           |
|--|------|----------------|----------------|----------------|
|  |      | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| Elevator, Portable, Without Power Unit,            |      |                |                |                |
| Auger Type, 8 Inch Diameter, 60 Foot .....         | Each | 3,820          | 4,020          | 4,180          |
| Feed Grinder-Mixer, Trailer Mtd., P.T.O. ....      | Each | 14,600         | 14,900         | 15,600         |
| Field Cultivator, Mounted or Drawn                 |      |                |                |                |
| 17-19 Foot .....                                   | Each | 10,700         | 11,000         | 11,600         |
| 20-25 Foot, Flexible .....                         | Each | 14,300         | 15,900         | 15,900         |
| Forage Harvester, P.T.O., Shear Bar,               |      |                |                |                |
| With Pick-Up Attachment .....                      | Each | 28,900         | 30,100         | 31,600         |
| With Row Crop Unit, 2-Row .....                    | Each | 31,400         | 32,800         | 35,900         |
| Forage Harvester, Self-propelled, Shear Bar        |      |                |                |                |
| With 4–6 row .....                                 | Each | 228,000        | 237,000        | 232,000        |
| Front-End Loader, Hydraulic, Tractor Mounted       |      |                |                |                |
| 1800-2500 Lb. Capacity, 60 Inch Bucket .....       | Each | 4,910          | 4,990          | 5,000          |
| Grain Drill, Most Common Spacing                   |      |                |                |                |
| Plain, 15-17 Openers .....                         | Each | 12,100         | 14,000         | 14,000         |
| Press, 23-25 Openers .....                         | Each | 18,500         | 23,100         | 20,300         |
| With Fertilizer Attachment, 20-24 Openers .....    | Each | 15,700         | 18,600         | 18,600         |
| Min/No-Till W/Fert. Attach., 15 Foot .....         | Each | 27,100         | 28,100         | 27,600         |
| Hayrake, Side-Delivery, or Wheel Rake,             |      |                |                |                |
| Traction Drive, 8-12 Foot Working Width .....      | Each | 4,980          | 5,020          | 5,200          |
| Hay Tedder, 15-18 Foot .....                       | Each | 4,560          | 4,830          | 4,900          |
| Manure Spreader, Conveyor Type, P.T.O.,            |      |                |                |                |
| 2-Wheel, with Tires,                               |      |                |                |                |
| 141-190 Bushel Capacity .....                      | Each | 6,630          | 6,760          | 6,760          |
| 225-300 Bushel Capacity .....                      | Each | 9,980          | 9,950          | 10,100         |
| Mower-Conditioner, P.T.O., Pull Type, with         |      |                |                |                |
| 8-10 Foot, Sickle (Cutter) Bar or Disc .....       | Each | 13,700         | 13,700         | 14,400         |
| 14-16 Foot, Sickle (Cutter) Bar or Disc .....      | Each | 21,500         | 21,800         | 22,700         |
| Mower, Mounted or Drawn,                           |      |                |                |                |
| 7-8 ft Sickle (Cutter) Bar .....                   | Each | 4,730          | 4,840          | 4,980          |
| 13-14 Foot, Sickle (Cutter) Bar or Disc .....      | Each | 14,200         | 16,100         | 14,000         |
| Planter, Row Crop                                  |      |                |                |                |
| With Fertilizer Attachment, 4-Row .....            | Each | 15,500         | 15,100         | 15,200         |
| With Fertilizer Attachment, 8-Row .....            | Each | 28,800         | 29,000         | 30,000         |
| With Fertilizer Attachment, 24-Row .....           | Each | 95,000         | 97,600         | 95,700         |
| 12-Row Conservation (No-Till Cond), w/Fert .....   | Each | 47,400         | 50,400         | 52,400         |
| Rotary Hoe, 20-25 Foot                             | Each | 6,920          | 6,490          | 6,610          |
| Rotary Cutter, 7-8 Foot                            | Each | 3,100          | 3,240          | 3,130          |
| Sprayer, Field Crop, Power, Boom Type              |      |                |                |                |
| (Excl. Self-Propelled and Orchard),                |      |                |                |                |
| Tractor Mounted, w/ 300 Gal. Spray Tank .....      | Each | 5,500          | 5,460          | 5,890          |
| Trailer Type, w/ 500-700 Gal. Spray Tank .....     | Each | 11,300         | 12,000         | 13,100         |
| Tractor, 2-Wheel Drive                             |      |                |                |                |
| 30-39 P.T.O. horsepower .....                      | Each | 16,600         | 16,400         | 16,000         |
| 50-59 P.T.O. horsepower .....                      | Each | 22,000         | 21,900         | 21,300         |
| 70-89 P.T.O. horsepower .....                      | Each | 34,200         | 34,500         | 33,600         |
| 110 - 129 P.T.O. horsepower .....                  | Each | 63,000         | 63,700         | 63,800         |
| 140 - 159 P.T.O. horsepower .....                  | Each | 82,300         | 83,200         | 84,100         |
| 190 - 220 P.T.O. horsepower .....                  | Each | 114,000        | 118,000        | 116,000        |
| Tractor, 4-Wheel Drive                             |      |                |                |                |
| 200 - 280 P.T.O. horsepower .....                  | Each | 127,000        | 132,000        | 133,000        |
| Wagon, Gravity Unload, W/Box and Running           |      |                |                |                |
| Gear, and Tires,                                   |      |                |                |                |
| 200-400 Bushel Capacity                            |      |                |                |                |
| Without Side Extensions .....                      | Each | 4,160          | 4,320          | 4,200          |
| Wagon, Running Gear, W/O Box                       |      |                |                |                |
| 8-10 Ton Capacity .....                            | Each | 1,800          | 1,730          | 1,720          |
| Windrower, Self-Propelled,                         |      |                |                |                |
| 14-16 Foot .....                                   | Each | 63,200         | 62,900         | 64,200         |
| Agricultural Chemicals: <sup>8</sup>               |      |                |                |                |
| Fungicides:  |      |                |                |                |
| Basic Copper Sulfate, 53% WP .....                 | Lb   | 1.15           | 1.16           | 1.20           |
| Benomyl (Benlate), 50% WP .....                    | Lb   | 18.40          | 18.40          | 18.50          |
| Calcium Polysulfide (Lime Sulfur) Liq.Conc .....   | Gal  | 8.42           | 8.36           | 7.90           |
| Captan 50% WP .....                                | Lb   | 3.61           | 3.76           | 3.50           |
| Chlorothalonil (Bravo), 6#/Gal EC .....            | Gal  | 56.10          | 49.70          | 47.20          |
| Copper Hydroxide (Kocide 101), 77% WP .....        | Lb   | 2.60           | 2.62           | 2.50           |
| Dodine (Cyprex), 65% WP .....                      | Lb   | 11.50          | 11.50          | 11.60          |
| Fenarimol (Rubigan), 1#/Gal EC .....               | Gal  | 321            | 320            | 308            |
| Ferbam (Carbamate), 76% WP .....                   | Lb   | 4.17           | 4.25           | 4.20           |
| Fosethyl-AL (Aliette), 80% WP .....                | Lb   | 12.30          | 12.60          | 12.60          |
| Iprodione (Rovral), 50% WP .....                   | Lb   | 23.70          | 24.10          | 24.50          |
| Mancozeb (Dithane 80% WP, Manzate 75% DF) .....    | Lb   | 3.03           | 2.95           | 3.00           |
| Maneb, 80% WP, 75% DF .....                        | Lb   | 3.16           | 3.20           | 2.70           |
| Metalaxyl (Ridomil), 2#/Gal EC .....               | Gal  | 190            | 183            | 191            |
| Myclobutanil (Systhane, Nova, Rally), 40% WP ..... | Lb   | 69.70          | 67.90          | 68.10          |
| Oxytetracycline (Mycoshield), 17% WP .....         | Lb   | 22.00          | 22.00          | 24.90          |
| Sulfur, 95% WP .....                               | Lb   | 0.320          | 0.330          | 0.318          |
| Triforine (Funginex), 1.6#/Gal EC .....            | Gal  | 93.30          | 98.50          | 106            |
| Triadimefon (Bayleton), 50% WP .....               | Lb   | 69.20          | 70.00          | 70.70          |
| Ziram, 76% WP .....                                | Lb   | 2.82           | 2.82           | 2.70           |

See footnotes at end of table.

**Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2001–2003<sup>1</sup>—Continued**

| Commodity  | Unit | 2001           | 2002           | 2003           |
|--|------|----------------|----------------|----------------|
|  |      | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| Fumigants:                                       |      |                |                |                |
| Methyl Bromide (Terr-o-gas 98) .....             | Lb   | 4.87           | 5.31           | 7.30           |
| Herbicides:                                      |      |                |                |                |
| 2,4-D, 4#/Gal EC .....                           | Gal  | 14.90          | 14.90          | 15.20          |
| Acetochlor (Harness, Surpass), .....             |      |                |                |                |
| 6.4-7#/Gal EC .....                              | Gal  | 68.90          | 68.10          | 68.20          |
| Alachlor (Lasso), 4#/Gal EC .....                | Gal  | 24.80          | 24.30          | 24.50          |
| Atrazine (AAtrex), 4#/Gal L .....                | Gal  | 12.50          | 12.20          | 12.30          |
| Bentazon (Basagran), 4#/Gal EC .....             | Gal  | 83.00          | 83.20          | 83.70          |
| Butylate (Sutan), 6.7#/Gal EC .....              | Gal  | 22.50          | 23.60          | 23.30          |
| Chlorimuron-ethyl (Classic), 25% DF .....        | Oz   | 12.40          | 12.40          | 12.80          |
| Chlorsulfuron (Glean), 75% .....                 | Oz   | 20.20          | 18.70          | 18.40          |
| Cyanazine (Bladex), 4#/Gal EC .....              | Gal  | 33.10          | 33.00          | 32.90          |
| DCPA (Dacthal), 75% WP .....                     | Lb   | 13.50          | 14.00          | 13.80          |
| Dicamba (Banvel), 4#/Gal EC .....                | Gal  | 94.20          | 92.10          | 92.50          |
| Diuron (Karmex, Diurex), 80% WP .....            | Lb   | 4.98           | 4.90           | 4.90           |
| EPTC (Eptan), 7E-(Eradicane), 6.7#/Gal EC .....  | Gal  | 33.40          | 33.70          | 35.60          |
| Glyphosate (Roundup), 4#/Gal EC .....            | Gal  | 44.50          | 43.50          | 43.30          |
| Linuron (Lorox, Linex), 50% DF .....             | Lb   | 11.60          | 11.90          | 12.50          |
| MCPA, 4#/Gal, EC .....                           | Gal  | 16.90          | 17.10          | 17.70          |
| Metolachlor (Dual), 8#/Gal EC .....              | Gal  | 94.50          | 99.00          | 104            |
| Metribuzin (Lexone or Sencor), 75% DF .....      | Lb   | 20.60          | 20.10          | 20.80          |
| MSMA (Super Arsonade), 4-6# Gal EC .....         | Gal  | 21.80          | 21.60          | 21.20          |
| Napropamide (Devrinol), 50% WP .....             | Lb   | 9.85           | 9.40           | 9.10           |
| Paraquat (Gramoxone Extra), 2.5#/Gal EC .....    | Lb   | 35.20          | 37.60          | 40.70          |
| Pendimethalin (Prowl), 3.3#/Gal EC .....         | Gal  | 23.10          | 22.10          | 22.70          |
| Sethoxydim (Poast), 1.5#/Gal EC .....            | Gal  | 77.90          | 74.60          | 73.90          |
| Simazine (Princep), 4#/Gal EC .....              | Gal  | 18.00          | 17.60          | 18.00          |
| Terbacil (Sinbar), 80% WP .....                  | Lb   | 30.90          | 32.70          | 32.60          |
| Trifluralin (Treflan), 4#/Gal EC .....           | Gal  | 25.30          | 24.40          | 24.40          |
| Insecticides:                                    |      |                |                |                |
| Acephate (Orthene), 75% SP .....                 | Lb   | 12.80          | 12.60          | 12.90          |
| Aldicarb (Temik), 15% G .....                    | Lb   | 3.76           | 3.70           | 3.80           |
| Azinphos-methyl (Guthion), 50% WP .....          | Lb   | 9.87           | 10.60          | 10.60          |
| Bt (Dipel 2X), WP .....                          | Lb   | 12.60          | 12.20          | 12.30          |
| Carbaryl, (Sevin), 80% S, SP or WP .....         | Lb   | 5.75           | 5.41           | 5.50           |
| Carbofuran (Furadan), 4F .....                   | Gal  | 74.80          | 77.80          | 79.30          |
| Chlorpyrifos (Lorsban), 4#/Gal EC .....          | Gal  | 42.40          | 41.60          | 41.30          |
| Cyfluthrin (Baythroid) 2#/Gal EC .....           | Gal  | 493            | 397            | 388            |
| Cypermethrin, (Ammo 2.5-Cymbush 3#G)EC .....     | Gal  | 255            | 196            | 180            |
| Diazinon, 4#/Gal EC .....                        | Gal  | 35.90          | 36.10          | 38.00          |
| Dicofol (Kelthane), 35% WP .....                 | Lb   | 12.20          | 13.10          | 12.50          |
| Dicrotophos (Bidrin), 8#/Gal EC .....            | Gal  | 89.70          | 91.00          | 90.90          |
| Dimethoate (Cygon), 2.67#/Gal EC .....           | Gal  | 35.50          | 36.60          | 36.90          |
| Disulfoton (Di-Syston), 8#/Gal EC .....          | Gal  | 84.80          | 87.60          | 91.70          |
| Endosulfon (Thiodan, Phasor), 3#/Gal EC .....    | Gal  | 35.90          | 33.70          | 34.20          |
| Esfenvalerate (Asana XL), 0.66#/Gal EC .....     | Gal  | 123            | 107            | 103            |
| Ethion 4#/Gal EC .....                           | Gal  | 35.10          | 39.30          | 41.60          |
| Fonofos (Dyfonate II), 20% G .....               | Lb   | 2.15           | 1.29           | 3.20           |
| Imidacloprid (Admire, Provado),                  |      |                |                |                |
| 1.6-2#/Gal EC .....                              | Gal  | 565            | 575            | 573            |
| Malathion, 5#/Gal EC .....                       | Gal  | 27.40          | 28.40          | 28.50          |
| Methidathion (Supracide), 25% WP .....           | Lb   | 7.51           | 7.20           | 7.50           |
| Methomyl (Lannate L), 1.81 #/Gal Liq. ....       | Gal  | 49.50          | 51.90          | 55.60          |
| Methyl Parathion, 4#/Gal EC .....                | Gal  | 33.40          | 32.00          | 31.80          |
| Oil, Superior Oil, Supreme, Volck .....          | Gal  | 5.38           | 5.82           | 5.60           |
| Oxamyl (Vydate-L), 2# L .....                    | Gal  | 67.90          | 68.80          | 69.80          |
| Oxydemeton-Methyl (Metasystox-R).                |      |                |                |                |
| 2#/Gal EC .....                                  | Gal  | 77.90          | 76.00          | 76.10          |
| Oxythioquinox (Morestan), 25% WP .....           | Lb   | 18.60          | 20.30          | 21.90          |
| Phorate (Thimet), 20% G .....                    | Lb   | 2.41           | 2.45           | 2.40           |
| Phosmet (Imidan, Prolate), 50% WP .....          | Lb   | 6.98           | 7.30           | 7.40           |
| Propargite (Comite, Omiite), 30% WP .....        | Lb   | 6.05           | 6.26           | 6.60           |
| Synthetic Pyrethroids,.                          |      |                |                |                |
| (Pounce 2.0, Ambush 3.2 #/Gal) EC .....          | Gal  | 137            | 136            | 133            |
| Terbufos (Counter), 15% G .....                  | Lb   | 2.67           | 2.72           | 2.70           |
| Zeta-Cyermethrin (Fury), 1.5#/Gal EC .....       | Gal  | 282            | 195            | 202            |
| Other:   |      |                |                |                |
| Gibberellic Acid, (Ry3Up, Pro-Gibb) 4.0% L ..... | Gal  | 170            | 164            | 173            |
| Nad Napthalene Acetamide, 8.4 WP .....           | Lb   | 63.50          | 63.70          | 65.80          |

<sup>1</sup> Prices paid by farmers are collected, for the most part, from retail establishments located in smaller cities and towns in rural areas. Prior to 1995, recorded prices reflected a modified annual average based on frequency item was surveyed during the year. Recorded item values, 1995-99, are the U.S. April average price. <sup>2</sup> Includes Federal, State, and local per gallon taxes where applicable. <sup>3</sup> Excludes Federal excise tax. <sup>4</sup> Includes Federal, State, and local per gallon taxes. <sup>5</sup> Excludes cost of application, except for limestone. <sup>6</sup> Discontinued in 2000. <sup>7</sup> With hydraulic lift, transport wheels, and tires. <sup>8</sup> Formulation abbreviations: EC—Emulsifiable Concentrate, DF—Dry Flowable, DG—Dry Granular, G—Granular, L—Liquid, S—Solution, SP—Soluble Powder, and WP—Wettable Powder.

**Table 9-37.—Agricultural commodities: Support prices per unit, United States, 1994–2003<sup>1 2</sup>**

| Commodity and unit  | 1994           | 1995           | 1996           | 1997                  | 1998                  |
|---|----------------|----------------|----------------|-----------------------|-----------------------|
|   | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>        | <i>Dollars</i>        |
| Basic commodities:  |                |                |                |                       |                       |
| Corn:   |                |                |                |                       |                       |
| Target price .....  | Bushel ...     | 2.75           | 2.75           | <sup>(9)</sup>        | <sup>(9)</sup>        |
| Loan rate .....   | do .....       | 1.89           | 1.89           | 1.89                  | 1.89                  |
| Cotton:   |                |                |                |                       |                       |
| American upland: <sup>3</sup>                                 |                |                |                |                       |                       |
| Target price .....  | Pound ....     | 0.7290         | 0.7290         | <sup>(9)</sup>        | <sup>(9)</sup>        |
| Loan rate .....   | do .....       | 0.5000         | 0.5192         | 0.5192                | 0.5192                |
| Extra-long staple:  |                |                |                |                       |                       |
| Target price .....  | do .....       | 1.0200         | 0.9560         | <sup>(9)</sup>        | <sup>(9)</sup>        |
| Loan rate .....   | do .....       | 0.8503         | 0.7965         | 0.7965                | 0.7965                |
| Peanuts: <sup>4</sup>   |                |                |                |                       |                       |
| Target price .....  | do .....       | .....          | .....          | .....                 | .....                 |
| Loan rate .....   | do .....       | 0.3392         | 0.3392         | 0.3050                | 0.3050                |
| Rice:   |                |                |                |                       |                       |
| Target price .....  | Cwt. ....      | 10.71          | 10.71          | <sup>(9)</sup>        | <sup>(9)</sup>        |
| Loan rate .....   | do .....       | 6.50           | 6.50           | 6.50                  | 6.50                  |
| Wheat:  |                |                |                |                       |                       |
| Target price .....  | Bushel ...     | 4.00           | 4.00           | <sup>(9)</sup>        | <sup>(9)</sup>        |
| Loan rate .....   | do .....       | 2.58           | 2.58           | 2.58                  | 2.58                  |
| Tobacco:  |                |                |                |                       |                       |
| Flue-cured, types 11-14 .....                                 | Pound ....     | 1.583          | 1.597          | 1.601                 | 1.621                 |
| Fire-cured, type 21 .....                                     | do .....       | 1.407          | 1.430          | 1.455                 | 1.498                 |
| Fire-cured, types 22-23 .....                                 | do .....       | 1.483          | 1.518          | 1.557                 | 1.623                 |
| Burley, type 31 .....   | do .....       | 1.714          | 1.725          | 1.737                 | 1.760                 |
| Dark air-cured, types 35-36 .....                             | do .....       | 1.273          | 1.304          | 1.339                 | 1.398                 |
| Virginia sun-cured, type 37 .....                             | do .....       | 1.245          | 1.265          | 1.288                 | 1.326                 |
| Cigar filler, Puerto Rican, type 46 .....                     | do .....       | 0.844          | 0.861          | <sup>(8)</sup>        | <sup>(8)</sup>        |
| Ohio filler and Wisconsin binder, types 42-44 and 53-55 ..... | do .....       | 1.084          | 1.101          | 1.120                 | 1.169                 |
| 1,212   |                |                |                |                       |                       |
| Barley: <sup>6</sup>  |                |                |                |                       |                       |
| Target price .....  | Bushel ...     | 2.36           | 2.36           | <sup>(9)</sup>        | <sup>(9)</sup>        |
| Loan rate .....   | do .....       | 1.54           | 1.54           | 1.55                  | 1.57                  |
| Sorghum grain: <sup>6</sup>                                   |                |                |                |                       |                       |
| Target price .....  | Cwt. ....      | 4.66           | 4.66           | <sup>(9)</sup>        | <sup>(9)</sup>        |
| Loan rate .....   | do .....       | 3.21           | 3.21           | 3.23                  | 3.14                  |
| Oats: <sup>6</sup>  |                |                |                |                       |                       |
| Target price .....  | Bushel ...     | 1.45           | 1.45           | <sup>(9)</sup>        | <sup>(9)</sup>        |
| Loan rate .....   | do .....       | 0.97           | 0.97           | 1.03                  | 1.11                  |
| Rye: <sup>6</sup>   |                |                |                |                       |                       |
| Target price .....  | do .....       | 1.61           | 1.61           | <sup>(8)</sup>        | <sup>(8)</sup>        |
| Nonbasic commodities:   |                |                |                |                       |                       |
| Beans, dry edible .....                                       | Cwt. ....      | <sup>(8)</sup> | <sup>(8)</sup> | <sup>(8)</sup>        | <sup>(8)</sup>        |
| Cottonseed .....  | Ton .....      | <sup>(8)</sup> | <sup>(8)</sup> | <sup>(8)</sup>        | <sup>(8)</sup>        |
| Minor oilseeds <sup>7</sup> :                                 |                |                |                |                       |                       |
| Target price .....  | do .....       | .....          | .....          | .....                 | .....                 |
| Loan rate .....   | do .....       | 0.087          | 0.087          | 0.0891                | 0.0930                |
| Soybeans:   |                |                |                |                       |                       |
| Target price .....  | Bushel ...     | .....          | .....          | .....                 | .....                 |
| Loan rate .....   | do .....       | 4.92           | 4.92           | 4.99                  | 5.26                  |
| Dry Peas  |                |                |                |                       |                       |
| Target price .....  | Cwt. ....      | .....          | .....          | .....                 | .....                 |
| Loan rate .....   | do .....       | 4.92           | 4.92           | 4.99                  | 5.26                  |
| Sugar, raw  |                |                |                |                       |                       |
| Target price .....  | Pound ....     | 0.1800         | 0.1800         | 0.1800                | 0.1800                |
| Loan rate .....   | do .....       | 10.10          | 10.10          | <sup>(10)</sup> 10.85 | <sup>(13)</sup> 10.20 |
| Milk for manufacturing  |                |                |                |                       |                       |
| Target price .....  | Cwt. ....      | 10.10          | 10.10          | <sup>(10)</sup> 10.85 | <sup>(13)</sup> 10.20 |
| Honey, extracted  |                |                |                |                       |                       |
| Target price .....  | Pound ....     | 0.500          | 0.500          | <sup>(11)</sup>       | <sup>(11)</sup>       |
| Mohair  |                |                |                |                       |                       |
| Target price .....  | do .....       | 4.739          | 4.657          | <sup>(12)</sup>       | <sup>(12)</sup>       |
| Wool  |                |                |                |                       |                       |
| Target price .....  | Pound ....     | 2.09           | 2.12           | <sup>(12)</sup>       | <sup>(12)</sup>       |

See footnotes at end of table.

**Table 9-37.—Agricultural commodities: Support prices per unit, United States, 1994–2003 <sup>1 2</sup>—Continued**

| Commodity                           | Unit   | 1999                   | 2000              | 2001                   | 2002                    | 2003                    |
|-------------------------------------|--------|------------------------|-------------------|------------------------|-------------------------|-------------------------|
|                                     |        | <i>Dollars</i>         | <i>Dollars</i>    | <i>Dollars</i>         | <i>Dollars</i>          | <i>Dollars</i>          |
| <b>Basic commodities:</b>           |        |                        |                   |                        |                         |                         |
| Corn:                               |        |                        |                   |                        |                         |                         |
| Target price .....                  | Bushel | ( <sup>9</sup> )       | ( <sup>9</sup> )  | ( <sup>9</sup> )       | ( <sup>16</sup> ) 2.60  | 2.60                    |
| Loan rate .....                     | do     | 1.89                   | 1.89              | 1.89                   | 1.98                    | 1.98                    |
| Cotton:                             |        |                        |                   |                        |                         |                         |
| American upland: <sup>3</sup>       |        |                        |                   |                        |                         |                         |
| Target price .....                  | Pound  | ( <sup>9</sup> )       | ( <sup>9</sup> )  | ( <sup>9</sup> )       | ( <sup>16</sup> ) 0.742 | 0.7420                  |
| Loan rate .....                     | do     | 0.5192                 | 0.5192            | 0.5192                 | 0.5200                  | 0.5200                  |
| Extra-long staple:                  |        |                        |                   |                        |                         |                         |
| Target price .....                  | do     | ( <sup>9</sup> )       | ( <sup>9</sup> )  | ( <sup>9</sup> )       | .....                   | .....                   |
| Loan rate .....                     | do     | 0.7965                 | 0.7965            | 0.7965                 | 0.7977                  | 0.7977                  |
| Peanuts: <sup>4</sup>               |        |                        |                   |                        |                         |                         |
| Target price .....                  | do     | .....                  | .....             | .....                  | 0.2475                  | 0.4950                  |
| Loan rate .....                     | do     | 0.3050                 | 0.3050            | 0.3050                 | 0.1775                  | 0.3550                  |
| Rice:                               |        |                        |                   |                        |                         |                         |
| Target price .....                  | Cwt.   | ( <sup>9</sup> )       | ( <sup>9</sup> )  | ( <sup>9</sup> )       | ( <sup>16</sup> ) 10.50 | 10.50                   |
| Loan rate .....                     | do     | 6.50                   | 6.50              | 6.50                   | 6.50                    | 6.50                    |
| Wheat:                              |        |                        |                   |                        |                         |                         |
| Target price .....                  | Bushel | ( <sup>9</sup> )       | ( <sup>9</sup> )  | ( <sup>9</sup> )       | ( <sup>16</sup> ) 3.86  | ( <sup>16</sup> ) 3.86  |
| Loan rate .....                     | do     | 2.58                   | 2.58              | 2.58                   | 2.80                    | 2.80                    |
| Tobacco:                            |        |                        |                   |                        |                         |                         |
| Flue-cured, types 11-14 .....       | Pound  | 1.632                  | 1.640             | 1.660                  | 1.656                   | .....                   |
| Fire-cured, type 21 .....           | do     | 1.559                  | 1.559             | 1.572                  | 1.603                   | .....                   |
| Fire-cured, types 22-23 .....       | do     | 1.716                  | 1.716             | 1.736                  | 1.767                   | .....                   |
| Burley, type 31 .....               | do     | 1.789                  | 1.805             | 1.826                  | 1.835                   | .....                   |
| Dark air-cured, types 35-36 .....   | do     | 1.481                  | 1.481             | 1.499                  | 1.526                   | .....                   |
| Virginia sun-cured, type 37 .....   | do     | 1.380                  | 1.380             | 1.392                  | 1.429                   | .....                   |
| Cigar filler, Puerto Rican, type 46 | do     | ( <sup>8</sup> )       | ( <sup>8</sup> )  | ( <sup>8</sup> )       | ( <sup>8</sup> )        | .....                   |
| Ohio filler and Wisconsin binder,   | do     | ( <sup>8</sup> )       | ( <sup>8</sup> )  | ( <sup>8</sup> )       | ( <sup>8</sup> )        | .....                   |
| types 42-44 and 53-55 .....         | do     | 1.238                  | 1.238             | 1.252                  | 1.286                   | .....                   |
| Barley: <sup>6</sup>                |        |                        |                   |                        |                         |                         |
| Target price .....                  | Bushel | ( <sup>9</sup> )       | ( <sup>9</sup> )  | ( <sup>9</sup> )       | ( <sup>16</sup> ) 2.21  | ( <sup>16</sup> ) 2.21  |
| Loan rate .....                     | do     | 1.59                   | 1.62              | 1.65                   | 1.88                    | 1.88                    |
| Sorghum grain: <sup>6</sup>         |        |                        |                   |                        |                         |                         |
| Target price .....                  | Cwt.   | ( <sup>9</sup> )       | ( <sup>9</sup> )  | ( <sup>9</sup> )       | ( <sup>16</sup> ) 4.54  | ( <sup>16</sup> ) 4.54  |
| Loan rate .....                     | do     | 3.11                   | 3.05              | 3.05                   | 3.54                    | 3.54                    |
| Oats: <sup>6</sup>                  |        |                        |                   |                        |                         |                         |
| Target price .....                  | Bushel | ( <sup>9</sup> )       | ( <sup>9</sup> )  | ( <sup>9</sup> )       | ( <sup>16</sup> ) 1.40  | ( <sup>16</sup> ) 1.40  |
| Loan rate .....                     | do     | 1.13                   | 1.16              | 1.21                   | 1.35                    | 1.35                    |
| Rye: <sup>6</sup>                   |        |                        |                   |                        |                         |                         |
| Target price .....                  | do     | ( <sup>8</sup> )       | ( <sup>8</sup> )  | ( <sup>8</sup> )       | ( <sup>8</sup> )        | ( <sup>8</sup> )        |
| <b>Nonbasic commodities:</b>        |        |                        |                   |                        |                         |                         |
| Beans, dry edible                   | Cwt.   | ( <sup>8</sup> )       | ( <sup>8</sup> )  | ( <sup>8</sup> )       | ( <sup>8</sup> )        | ( <sup>8</sup> )        |
| Cottonseed                          | Ton    | ( <sup>8</sup> )       | ( <sup>8</sup> )  | ( <sup>8</sup> )       | ( <sup>8</sup> )        | ( <sup>8</sup> )        |
| Other oilseeds <sup>7</sup> :       |        |                        |                   |                        |                         |                         |
| Target price .....                  | do     | .....                  | .....             | .....                  | ( <sup>16</sup> ) 9.80  | ( <sup>16</sup> ) 9.80  |
| Loan rate .....                     | do     | 9.30                   | 9.30              | 9.30                   | 9.60                    | 9.60                    |
| Soybeans:                           |        |                        |                   |                        |                         |                         |
| Target price .....                  | Bushel | .....                  | .....             | .....                  | ( <sup>16</sup> ) 5.80  | ( <sup>16</sup> ) 5.80  |
| Loan rate .....                     | do     | 5.26                   | 5.26              | 5.26                   | 5.00                    | 5.00                    |
| Dry peas                            |        |                        |                   |                        |                         |                         |
| Target price .....                  | Cwt.   | .....                  | .....             | .....                  | ( <sup>16</sup> ) 6.33  | ( <sup>16</sup> ) 6.33  |
| Loan rate .....                     | do     | .....                  | .....             | .....                  | ( <sup>16</sup> ) 7.56  | ( <sup>16</sup> ) 7.56  |
| Small chick peas                    | do     | .....                  | .....             | .....                  | ( <sup>16</sup> ) 7.56  | ( <sup>16</sup> ) 7.56  |
| Lentils                             | do     | .....                  | .....             | .....                  | ( <sup>16</sup> ) 11.94 | ( <sup>16</sup> ) 11.94 |
| Sugar, raw                          | Pound  | 0.1800                 | 0.1800            | 0.1800                 | 0.1800                  | 0.1800                  |
| Milk for manufacturing              | Cwt.   | ( <sup>15</sup> ) 9.90 | 9.90              | 9.90                   | 9.90                    | 9.90                    |
| Honey, extracted                    | Pound  | 0.59                   | 0.59              | ( <sup>18</sup> ) 0.65 | 0.60                    | 0.60                    |
| Mohair                              | do     | 2.00                   | 2.00              | .....                  | ( <sup>17</sup> ) 4.20  | ( <sup>17</sup> ) 4.20  |
| Wool                                | Pound  | ( <sup>12</sup> )      | ( <sup>12</sup> ) | ( <sup>12</sup> )      | ( <sup>17</sup> ) 0.40  | ( <sup>17</sup> ) 1.00  |

<sup>1</sup> National averages during the marketing years for the individual crops, beginning in the years shown. <sup>2</sup> The target price is known in the statute as the "established price". <sup>3</sup> 1<sup>1</sup>/<sub>16</sub> strict low middling, micronaire 3.5 through 4.9. <sup>4</sup> For quota portion of crop (1993 through 2001). Enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act) repealed the peanut quota marketing program; and established payment rates for the 2002/2003 and subsequent crops according to the provisions of the Direct Payment Program. <sup>5</sup> Grade No. 2 or better except for oats which is Grade No. 3. <sup>6</sup> The rye price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. Rye was not reestablished with the 2002 Act. <sup>7</sup> Includes flaxseed, sunflower seed (oil and other), safflower, rapeseed (industrial), canola, mustard seed and canola and sesame. <sup>8</sup> No support program. <sup>9</sup> The Federal Agriculture Improvement and Reform Act of 1996 replaced the deficiency payment/production adjustment programs for the program crops with a Production Flexibility Contract program, making target prices no longer applicable beginning with the 1996/97 marketing year. <sup>10</sup> As of January 1, 1996. <sup>11</sup> The honey price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. <sup>12</sup> The wool and mohair support programs terminated as of December 31, 1995, as required by Public Law 103-130. <sup>13</sup> As of January 1, 1997. <sup>14</sup> As of January 1, 1998. <sup>15</sup> As of January 1, 1999. <sup>16</sup> The Farm Security and Rural Investment Act of 2002 (2002 Act) reestablished target prices, now including soybeans and other oilseeds. The 2002 Act also established, for the first time, loan rates for dry peas, small chickpeas and lentils under the marketing loan program. <sup>17</sup> Wool and mohair programs were reestablished following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). First wool number is for ungraded/second is graded.

**Table 9-38.—Farm income: Cash receipts by commodity groups and selected commodities, United States, 1995–2002<sup>1</sup>**

| Commodity                     | 1995                 | 1996                 | 1997                 | 1998                 |
|-------------------------------|----------------------|----------------------|----------------------|----------------------|
|                               | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| All commodities .....         | 188,244,038          | 199,455,417          | 207,910,024          | 196,172,809          |
| Livestock and products .....  | 87,217,115           | 92,948,988           | 96,473,145           | 94,112,122           |
| Cattle and calves .....       | 34,044,036           | 30,976,868           | 35,999,622           | 33,415,407           |
| Hogs .....                    | 10,254,866           | 12,565,187           | 13,053,680           | 9,444,082            |
| Sheep and lambs .....         | 566,100              | 612,170              | 632,602              | 479,760              |
| Dairy products .....          | 19,879,611           | 22,785,017           | 20,940,261           | 24,114,036           |
| Broilers .....                | 11,762,222           | 13,904,023           | 14,158,926           | 15,144,551           |
| Farm chickens .....           | 60,218               | 59,043               | 71,219               | 75,262               |
| Chicken eggs .....            | 3,892,912            | 4,776,255            | 4,539,929            | 4,439,446            |
| Turkeys .....                 | 2,769,397            | 3,045,718            | 2,814,997            | 2,616,280            |
| Miscellaneous livestock ..... | 3,396,768            | 3,554,571            | 3,587,217            | 3,711,476            |

| Commodity                     | 1999        | 2000        | 2001        | 2002        |
|-------------------------------|-------------|-------------|-------------|-------------|
| All commodities .....         | 187,611,605 | 191,977,416 | 199,779,092 | 192,947,507 |
| Livestock and products .....  | 95,610,969  | 99,545,041  | 106,412,979 | 93,479,835  |
| Cattle and calves .....       | 36,529,975  | 40,711,032  | 40,442,129  | 37,968,464  |
| Hogs .....                    | 8,621,759   | 11,803,046  | 12,426,682  | 9,625,708   |
| Sheep and lambs .....         | 462,297     | 465,478     | 392,820     | 422,986     |
| Dairy products .....          | 23,207,093  | 20,607,889  | 24,709,749  | 20,546,980  |
| Broilers .....                | 15,128,118  | 13,988,946  | 16,693,511  | 13,434,783  |
| Farm chickens .....           | 72,712      | 64,376      | 46,342      | 49,012      |
| Chicken eggs .....            | 4,287,164   | 4,347,994   | 4,446,333   | 4,262,664   |
| Turkeys .....                 | 2,754,104   | 2,765,347   | 2,729,457   | 2,643,036   |
| Miscellaneous livestock ..... | 3,893,401   | 4,133,352   | 3,883,842   | 3,876,629   |

| Commodity             | 1995        | 1996        | 1997        | 1998        |
|-----------------------|-------------|-------------|-------------|-------------|
| Crops .....           | 101,026,923 | 106,506,429 | 111,436,879 | 102,060,687 |
| Food grains .....     | 10,356,029  | 10,795,279  | 10,410,552  | 8,808,374   |
| Feed crops .....      | 24,504,521  | 27,235,411  | 27,087,228  | 22,578,380  |
| Cotton .....          | 6,850,629   | 6,983,125   | 6,345,803   | 6,072,960   |
| Tobacco .....         | 2,548,399   | 2,794,668   | 2,873,917   | 2,802,755   |
| Oil crops .....       | 15,492,964  | 16,344,700  | 19,758,302  | 17,371,715  |
| Vegetables .....      | 14,982,903  | 14,410,671  | 14,668,839  | 15,106,951  |
| Fruits/nuts .....     | 11,075,008  | 11,903,599  | 13,143,196  | 11,813,084  |
| All other crops ..... | 15,216,470  | 16,038,976  | 17,149,042  | 17,506,468  |

| Commodity             | 1999       | 2000       | 2001       | 2002       |
|-----------------------|------------|------------|------------|------------|
| Crops .....           | 92,000,636 | 92,432,375 | 93,366,113 | 99,467,672 |
| Food grains .....     | 6,950,305  | 6,544,130  | 6,438,485  | 6,426,140  |
| Feed crops .....      | 19,508,502 | 20,498,706 | 21,420,541 | 23,653,029 |
| Cotton .....          | 4,630,256  | 2,949,321  | 3,637,325  | 3,854,591  |
| Tobacco .....         | 2,272,785  | 2,315,779  | 1,892,597  | 1,744,138  |
| Oil crops .....       | 13,355,150 | 13,478,114 | 13,337,295 | 14,677,845 |
| Vegetables .....      | 15,102,177 | 15,647,181 | 15,641,209 | 16,861,539 |
| Fruits/nuts .....     | 11,900,091 | 12,526,886 | 12,021,864 | 13,042,446 |
| All other crops ..... | 18,281,370 | 18,472,258 | 18,976,797 | 19,207,944 |

<sup>1</sup>USDA estimates and publishes individual cash receipt values only for major commodities and major producing States. The U.S. receipts for individual commodities, computed as the sum of the reported States, may understate the value of sales for some commodities, with the balance included in the appropriate category labeled "other" or "miscellaneous." The degree of underestimation in some of the minor commodities can be substantial.

ERS, Farm Structure Performance and Well-Being Branch, (202) 694-5592. E-mail contact is rogers@ERS.USDA.gov.

**Table 9-39.—Farm income, United States, 1995–2002 <sup>1</sup>**

| Item                                   | 1995                    | 1996                    | 1997                    | 1998                    |
|--|-------------------------|-------------------------|-------------------------|-------------------------|
|  | <i>Thousand dollars</i> | <i>Thousand dollars</i> | <i>Thousand dollars</i> | <i>Thousand dollars</i> |
| Total gross farm income .....          | 210.9                   | 235.9                   | 238.3                   | 232.3                   |
| Value of Production <sup>2</sup> ..... | 203.6                   | 228.6                   | 230.8                   | 219.9                   |
| Crops .....                            | 95.9                    | 115.7                   | 112.6                   | 101.9                   |
| Livestock and products .....           | 87.8                    | 92.1                    | 96.5                    | 94.2                    |
| Services and forestry .....            | 19.9                    | 20.8                    | 21.8                    | 23.8                    |
| Direct government payments .....       | 7.3                     | 7.3                     | 7.5                     | 12.4                    |
| Total production expenses .....        | 171.2                   | 178.1                   | 187.1                   | 186.0                   |
| Net farm income .....                  | 39.7                    | 57.8                    | 51.3                    | 46.2                    |
| Gross cash income .....                | 206.0                   | 217.8                   | 227.5                   | 222.5                   |
| Cash expenses .....                    | 151.6                   | 157.9                   | 166.7                   | 165.5                   |
| Net cash income .....                  | 54.4                    | 59.8                    | 60.8                    | 57.0                    |

| Item                                   | 1999  | 2000  | 2001  | 2002  |
|--|-------|-------|-------|-------|
| Total gross farm income .....          | 234.5 | 241.4 | 248.4 | 228.2 |
| Value of production <sup>2</sup> ..... | 213.0 | 218.5 | 227.7 | 217.2 |
| Crops .....                            | 92.6  | 94.8  | 95.1  | 97.2  |
| Livestock and product .....            | 95.3  | 99.3  | 106.4 | 93.2  |
| Services and forestry .....            | 25.1  | 24.4  | 26.2  | 26.8  |
| Direct government payments .....       | 21.5  | 22.9  | 20.7  | 11.0  |
| Total production expenses .....        | 187.7 | 193.6 | 197.8 | 192.8 |
| Net farm income .....                  | 46.8  | 47.8  | 50.6  | 35.3  |
| Gross cash income .....                | 224.0 | 228.6 | 235.3 | 219.4 |
| Cash expenses .....                    | 166.6 | 172.1 | 176.1 | 170.2 |
| Net cash income .....                  | 57.5  | 56.5  | 59.2  | 49.1  |

<sup>1</sup> Component values and additional details may be found in the value-added and cash income tables on the internet at <http://www.ers.usda.gov/data/farmincome/finfidmu.htm>.

<sup>2</sup> Includes cash receipts, value of change in inventories, and home consumption.

ERS, Farm Structure Performance and Well-Being Branch, (202) 694-5592. E-mail contact is [rogers@ERS.USDA.gov](mailto:rogers@ERS.USDA.gov)

**Table 9-40.—Expenses: Farm production expenses, United States, 1995–2002**

| Item   | 1995                    | 1996                    | 1997                    | 1998                    |
|--|-------------------------|-------------------------|-------------------------|-------------------------|
|  | <i>Thousand dollars</i> | <i>Thousand dollars</i> | <i>Thousand dollars</i> | <i>Thousand dollars</i> |
| Total production expenses .....                      | 171,245,224             | 178,079,623             | 187,055,773             | 186,040,876             |
| Feed purchased .....                                 | 23,831,792              | 25,236,500              | 26,334,286              | 25,031,106              |
| Livestock and poultry purchased .....                | 12,505,851              | 11,293,747              | 13,820,317              | 12,576,095              |
| Seed purchased .....                                 | 5,462,504               | 6,212,496               | 6,712,122               | 7,212,375               |
| Fertilizer and lime .....                            | 10,029,114              | 10,928,865              | 10,927,288              | 10,624,228              |
| Pesticides .....                                     | 7,718,683               | 8,518,355               | 9,017,509               | 9,017,479               |
| Fuel and oil .....                                   | 5,426,473               | 5,978,944               | 6,242,613               | 5,599,761               |
| Electricity .....                                    | 2,969,776               | 3,163,860               | 3,043,921               | 2,908,145               |
| Other <sup>1</sup> .....                             | 39,198,805              | 38,964,495              | 41,649,034              | 42,711,799              |
| Interest .....                                       | 12,739,630              | 13,242,282              | 13,356,413              | 13,725,778              |
| Contract and hired labor expenses .....              | 16,166,614              | 17,198,300              | 18,410,022              | 19,120,530              |
| Net rent to nonoperator landlords <sup>2</sup> ..... | 9,770,567               | 11,606,275              | 11,494,954              | 11,067,981              |
| Capital consumption .....                            | 18,998,936              | 19,187,653              | 19,389,013              | 19,720,233              |
| Property taxes .....                                 | 6,426,479               | 6,547,851               | 6,658,281               | 6,725,366               |

| Item   | 1999        | 2000        | 2001        | 2002        |
|--|-------------|-------------|-------------|-------------|
| Total production expenses .....                      | 187,687,805 | 193,630,556 | 197,841,307 | 192,833,300 |
| Feed purchased .....                                 | 24,527,488  | 24,526,220  | 24,829,200  | 24,529,963  |
| Livestock and poultry purchased .....                | 13,840,120  | 15,848,574  | 15,649,496  | 14,896,603  |
| Seed purchased .....                                 | 7,212,887   | 7,512,933   | 8,213,240   | 8,413,155   |
| Fertilizer and lime .....                            | 9,921,871   | 10,022,045  | 10,324,453  | 9,521,629   |
| Pesticides .....                                     | 8,618,352   | 8,517,380   | 8,617,230   | 8,216,818   |
| Fuel and oil .....                                   | 5,589,181   | 7,207,845   | 6,906,982   | 6,486,857   |
| Electricity .....                                    | 2,986,336   | 2,998,532   | 3,553,355   | 3,800,611   |
| Other <sup>1</sup> .....                             | 43,932,412  | 42,850,189  | 45,308,012  | 44,723,926  |
| Interest .....                                       | 13,844,161  | 14,875,915  | 13,614,125  | 12,998,768  |
| Contract and hired labor expenses .....              | 19,807,973  | 20,636,265  | 21,888,371  | 21,695,028  |
| Net rent to nonoperator landlords <sup>2</sup> ..... | 10,627,669  | 11,420,448  | 11,246,081  | 9,695,868   |
| Capital consumption .....                            | 19,971,874  | 20,306,600  | 20,783,158  | 21,466,500  |
| Property taxes .....                                 | 6,807,480   | 6,907,609   | 6,907,604   | 6,907,574   |

<sup>1</sup> Includes repair and maintenance, machine hire and customwork, marketing, storage and transportation, insurance premiums, and miscellaneous other expenses. <sup>2</sup> Includes landlord capital consumption.

ERS, Farm Structure Performance and Well-Being Branch, (202) 694-5592. E-mail contact is [rogers@ERS.USDA.gov](mailto:rogers@ERS.USDA.gov)



**Table 9-41.—Farm marketings: Cash receipts, government payments, and principal commodities, by States, 2002**

| State    | Cash receipts        |                      |                       | Government payments  | Rank   |
|----------|----------------------|----------------------|-----------------------|----------------------|--|
|          | Total                | Crops                | Livestock and rodents |                      |  |
|          | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i>  | <i>1,000 dollars</i> |  |
| AL ..... | 2,962,089            | 583,811              | 2,378,278             | 262,148              | 29-Broilers, cattle/calves, chicken eggs, greenhouse (83%).    |
| AK ..... | 50,679               | 22,773               | 27,906                | 1,829                | 49-Greenhouse, dairy, hay, potatoes, (50%).                    |
| AZ ..... | 2,997,195            | 1,903,139            | 1,094,056             | 68,926               | 27-Lettuce, Cattle/calves, dairy, cotton (71%).                |
| AR ..... | 4,526,611            | 1,574,866            | 2,951,745             | 446,553              | 14-Broilers, soybeans, cattle/calves, rice (67%).              |
| CA ..... | 26,106,640           | 19,865,008           | 6,241,632             | 451,495              | 1-Dairy, greenhouse, grapes, lettuce (41%).                    |
| CO ..... | 4,880,517            | 1,378,928            | 3,501,589             | 188,414              | 12-Cattle/calves, corn, dairy, greenhouse (73%).               |
| CT ..... | 468,489              | 314,125              | 154,364               | 4,916                | 43-Greenhouse, dairy, chicken eggs, aquaculture (66%).         |
| DE ..... | 723,513              | 177,184              | 546,329               | 11,863               | 40-Broilers, greenhouse, corn, soybeans (81%).                 |
| FL ..... | 6,848,253            | 5,609,028            | 1,239,225             | 81,467               | 8-Greenhouse, oranges, sugar cane, tomatoes (56%).             |
| GA ..... | 4,472,045            | 1,582,309            | 2,889,736             | 652,789              | 15-Broilers, chicken eggs, cotton, cattle/calves (65%).        |
| HI ..... | 509,143              | 424,354              | 84,789                | 1,802                | 41-Pineapples, greenhouse, sugar cane, macadamia nuts (56%).   |
| ID ..... | 3,933,672            | 1,935,141            | 1,998,531             | 163,322              | 19-Cattle/calves, dairy, potatoes, wheat (74%).                |
| IL ..... | 7,486,125            | 5,923,828            | 1,562,297             | 612,706              | 6-Corn, soybeans, hogs, cattle/calves (88%).                   |
| IN ..... | 4,799,545            | 3,248,526            | 1,551,019             | 332,782              | 13-Corn, soybeans, hogs, dairy (75%).                          |
| IA ..... | 10,833,860           | 5,759,106            | 5,074,754             | 737,107              | 3-Corn, hogs, soybeans, cattle/calves (90%).                   |
| KS ..... | 7,861,794            | 2,536,465            | 5,325,329             | 452,680              | 5-Cattle/calves, wheat, corn, soybeans (86%).                  |
| KY ..... | 3,111,713            | 1,151,034            | 1,960,679             | 137,901              | 24-Horses/mules, tobacco, broilers, cattle/calves (65%).       |
| LA ..... | 1,773,423            | 1,159,374            | 614,049               | 251,735              | 33-Sugar cane, cotton, cattle/calves, corn (47%).              |
| ME ..... | 442,394              | 211,923              | 230,471               | 13,752               | 44-Potatoes, dairy, chicken eggs, aquaculture (65%).           |
| MD ..... | 1,431,766            | 621,423              | 810,343               | 48,338               | 36-Broilers, greenhouse, dairy, corn (69%).                    |
| MA ..... | 380,274              | 297,024              | 83,250                | 6,204                | 45-Greenhouse, cranberries, dairy, sweet corn (64%).           |
| MI ..... | 3,390,072            | 2,130,372            | 1,259,700             | 188,513              | 22-Dairy, greenhouse, soybeans, corn (59%).                    |
| MN ..... | 7,478,126            | 3,833,272            | 3,644,854             | 480,483              | 7-Corn, soybeans, hogs, dairy, (64%).                          |
| MS ..... | 2,962,343            | 1,012,645            | 1,949,698             | 249,758              | 28-Broilers, cotton, soybeans, aquaculture (71%).              |
| MO ..... | 4,401,882            | 2,099,829            | 2,302,053             | 397,292              | 16-Soybeans, Cattle/calves, corn, hogs (62%).                  |
| MT ..... | 1,687,481            | 701,983              | 985,498               | 259,096              | 34-Cattle/calves, wheat, hay, barley (84%).                    |
| NE ..... | 9,588,658            | 3,764,363            | 5,824,295             | 485,091              | 4-Cattle/calves, corn, soybeans, hogs (91%).                   |
| NV ..... | 366,242              | 155,085              | 211,157               | 11,121               | 47-Cattle/calves, hay, dairy, onions (84%).                    |
| NH ..... | 147,573              | 91,297               | 56,276                | 3,895                | 48-Greenhouse, dairy, apples, cattle/calves (76%).             |
| NJ ..... | 855,727              | 663,118              | 192,609               | 6,434                | 39-Greenhouse, horses/mules, blueberries, dairy (63%).         |
| NM ..... | 1,956,978            | 574,926              | 1,382,052             | 72,996               | 32-Dairy, cattle/calves, hay, greenhouse (81%).                |
| NY ..... | 3,104,484            | 1,234,324            | 1,870,160             | 158,174              | 25-Dairy, greenhouse, hay, apples (68%).                       |
| NC ..... | 6,602,899            | 2,658,886            | 3,944,013             | 268,132              | 9-Hogs, broilers, greenhouse, tobacco (66%).                   |
| ND ..... | 3,222,630            | 2,498,974            | 723,656               | 381,658              | 23-Wheat, cattle/calves, soybeans, sugar beets (60%).          |
| OH ..... | 4,276,038            | 2,645,811            | 1,630,227             | 278,967              | 17-Soybeans, corn, greenhouse, dairy (62%).                    |
| OK ..... | 3,730,952            | 837,492              | 2,893,460             | 308,822              | 21-Cattle/calves, hogs, broilers, wheat (78%).                 |
| OR ..... | 3,102,265            | 2,294,134            | 808,131               | 80,290               | 26-Greenhouse, cattle/calves, dairy, hay (58%).                |
| PA ..... | 4,042,439            | 1,360,038            | 2,682,401             | 129,113              | 18-Dairy, cattle/calves, agaricus mushrooms, greenhouse (65%). |
| RI ..... | 46,087               | 39,787               | 6,300                 | 697                  | 50-Greenhouse, dairy, sweet corn, potatoes (78%).              |
| SC ..... | 1,452,079            | 691,852              | 760,227               | 64,019               | 35-Broilers, greenhouse, turkeys, tobacco (60%).               |
| SD ..... | 3,779,495            | 1,719,982            | 2,059,513             | 281,256              | 20-Cattle/calves, corn, soybeans, hogs (80%).                  |
| TN ..... | 1,999,858            | 1,086,785            | 913,073               | 107,178              | 31-Cattle/calves, broilers, greenhouse, soybeans (50%).        |
| TX ..... | 12,664,912           | 4,577,242            | 8,087,670             | 986,216              | 2-Cattle/calves, greenhouse, cotton, broilers (72%).           |
| UT ..... | 1,057,178            | 249,426              | 807,752               | 45,719               | 37-Cattle/calves, dairy, hay, hogs (73%).                      |
| VT ..... | 476,352              | 76,178               | 400,174               | 36,341               | 42-Dairy, cattle/calves, greenhouse, maple products (88%).     |
| VA ..... | 2,172,890            | 721,763              | 1,451,127             | 153,790              | 30-Broilers, cattle/calves, dairy, greenhouse (54%).           |
| WA ..... | 5,208,955            | 3,713,638            | 1,495,317             | 214,138              | 11-Apples, dairy, cattle/calves, potatoes (53%).               |
| WV ..... | 378,486              | 78,289               | 300,197               | 5,683                | 46-Broilers, cattle/calves, dairy, chicken eggs (67%).         |
| WI ..... | 5,318,908            | 1,550,606            | 3,768,302             | 330,604              | 10-Dairy, cattle/calves, corn, soybeans (77%).                 |
| WY ..... | 875,784              | 126,213              | 749,571               | 47,260               | 38-Cattle/calves, hay, sugar beets, sheep/lambs (89%).         |
| US ..... | 192,947,507          | 99,467,672           | 93,479,835            | 10,961,465           | Cattle/calves, dairy, corn, greenhouse (47%).                  |

ERS, Farm Sector Performance and Well-Being Branch, (202) 694-5592. Information contact: Larry Traub -- E-Mail: ltraub@ers.usda.gov or Roger Strickland -- E-Mail: rogers@ERS.USDA.gov August 5, 2003.

**Table 9-42.—Average Income to Farm Operator Households, United States, 2000–2003<sup>1 2</sup>**

| Item  | 2000 <sup>3</sup> | 2001   | 2002   | 2003   |
|---|-------------------|--------|--------|--------|
| Dollars per farm  |                   |        |        |        |
| Net cash farm business income <sup>4</sup> .....  | 11,175            | 14,311 | 11,331 | 13,794 |
| Less depreciation <sup>5</sup> .....  | 7,357             | 7,609  | 8,189  | NA     |
| Less wages paid to operator <sup>6</sup> .....  | 608               | 932    | 758    | NA     |
| Less farmland rental income <sup>7</sup> .....  | 757               | 477    | 621    | NA     |
| Less adjusted farm business income due to other household(s) <sup>8</sup> .....   | 801               | 1,083  | 1,248  | NA     |
| Dollars per farm operator household   |                   |        |        |        |
| Equals adjusted farm business income .....  | 1,652             | 4,211  | 516    | NA     |
| Plus wages paid to operator .....   | 608               | 932    | 758    | NA     |
| Plus net income from farmland rental <sup>9</sup> .....   | NA                | NA     | NA     | NA     |
| Equals farm self-employment income .....  | 2,260             | 5,143  | 1,273  | NA     |
| Plus other farm-related earnings <sup>10</sup> .....  | 339               | 396    | 2,199  | NA     |
| Equals earnings of the operator household from farming activities .....   | 2,598             | 5,539  | 3,473  | 3,991  |
| Plus earnings of the operator household from off-farm sources <sup>11</sup> .....                                       | 59,349            | 58,578 | 62,285 | 63,462 |
| Equals average farm operator household income comparable to U.S. average household income, as measured by the CPS ..... | 61,947            | 64,117 | 65,257 | 67,453 |
| Dollars per U.S. household  |                   |        |        |        |
| U.S. average household income <sup>12</sup> .....   | 57,045            | 58,208 | 57,852 | NA     |
| Percent   |                   |        |        |        |
| Average farm operator household income as percent of U.S. average household income .....                                | 108.6             | 110.2  | 113.7  | NA     |
| Average operator household earnings from farming activities as percent of average operator household income .....       | 4.2               | 8.6    | 5.3    | 5.9    |

NA = Not available. \*The relative standard error exceeds 25 percent, but is no more than 50 percent. <sup>1</sup>This table derives farm operator household income estimates from the Agricultural Resource Management Study (ARMS) that are consistent with Current Population Survey (CPS) methodology. The CPS, conducted by the Census Bureau, is the source of official U.S. household income statistics. The CPS defines income to include any income received as cash. The CPS definition departs from a strictly cash concept by including depreciation as an expense that farm operators and other self-employed people subtract from gross receipts when reporting net cash income. <sup>2</sup>Preliminary. <sup>3</sup>Prior to 2000, net cash income from operating another farm and net cash income from farm land rental were included in earnings from farming activities. However, because of a change in the ARMS survey design, net cash income from a farm other than the one being surveyed and net income from farm land rentals are not separable from total off-farm income. Although there is no effect upon estimates of farm operator household income in 2000, estimates of farm self-employment, other farm related earnings, earnings of the household from farming activities, and earnings of the farm from off-farm sources are not strictly comparable to those from previous years. <sup>4</sup>A component of farm sector income. Excludes income of contractors and landlords as well as the income of farms organized as non-family corporations or cooperatives and farms run by a hired manager. Includes the income of farms organized as proprietorships, partnerships, and family corporations. <sup>5</sup>Consistent with the CPS definition of self-employment income, reported depreciation expenses are subtracted from net cash income. The ARMS collects farm business depreciation used for tax purposes. <sup>6</sup>Wages paid to the operator are subtracted here because they are not shared among other households that have claims on farm business income. These wages are added to the operator household's adjusted farm business income to obtain farm self-employment income. <sup>7</sup>Gross rental income is subtracted here because net rental income from the farm operation is added below to income received by the household. <sup>8</sup>More than one household may have a claim on the income of a farm business. On average, 1.1 households share the income of a farm business. <sup>9</sup>Includes net rental income from the business. Also includes net rental income from farmland held by household members that is not part of the farm business. Beginning in 2000, net income from farmland rental is considered as part of off-farm income. (See footnote 2.) <sup>10</sup>Wages paid to other operator household members by the farm business and net cash income from a farm business other than the one being surveyed. In 2000 and 2001, however, net cash income from a farm businesses other than the one being surveyed is included in off-farm earnings. (See footnote 3.) <sup>11</sup>Wages, salaries, net income from nonfarm businesses, interest, dividends, transfer payments, etc. In 2000 and 2001, also includes net cash income from other farm and net cash income from farm rental (See footnote 3.) <sup>12</sup>From the CPS. Sources: U.S. Dept. of Agriculture, Economic Research Service, 2000, 2001 and 2002 Agricultural Resource Management Study (ARMS) for farm operator household data. U.S. Dept. of Commerce, Bureau of the Census, Current Population Survey (CPS), for U.S. average household income. For information on household income contact: Bob Green (202) 694-5568. Email rgreen@ers.usda.gov or Bob Hoppe (202) 694-5572. Email rhoppe@ers.usda.gov.

ERS, Farm Structure and Performance Branch, (202) 694-5568.

**Table 9-43.—Grazing fees: Rates for cattle by selected States and regions, 2002–2003**

| State                   | Monthly lease rates for private non-irrigated grazing land <sup>1</sup> |                              |                              |                              |                              |                              |
|-------------------------|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|                         | Animal unit <sup>2</sup>  |                              | Cow-calf                     |                              | Per head                     |                              |
|                         | 2002  | 2003                         | 2002                         | 2003                         | 2002                         | 2003                         |
|                         | <i>Dollars<br/>per month</i>  | <i>Dollars<br/>per month</i> | <i>Dollars<br/>per month</i> | <i>Dollars<br/>per month</i> | <i>Dollars<br/>per month</i> | <i>Dollars<br/>per month</i> |
| AZ .....                | 7.30  | 7.50                         | (7)                          | (7)                          | 7.80                         | 8.50                         |
| CA .....                | 12.80   | 13.50                        | 16.50                        | 17.50                        | 14.00                        | 14.30                        |
| CO .....                | 12.60   | 13.00                        | 14.90                        | 14.60                        | 12.80                        | 13.50                        |
| ID .....                | 11.70   | 12.00                        | 13.70                        | 14.00                        | 12.20                        | 12.60                        |
| KS .....                | 13.00   | 13.50                        | 16.00                        | 16.50                        | 13.00                        | 13.50                        |
| MT .....                | 15.10   | 15.20                        | 17.30                        | 17.40                        | 16.30                        | 15.90                        |
| NE .....                | 20.90   | 21.60                        | 25.00                        | 26.00                        | 22.00                        | 23.40                        |
| NV .....                | 10.50   | 10.50                        | 11.50                        | 11.80                        | 11.50                        | 11.80                        |
| NM .....                | 8.80  | 8.60                         | 10.70                        | 12.40                        | 9.90                         | 10.00                        |
| ND .....                | 12.50   | 13.50                        | 13.50                        | 14.50                        | 12.00                        | 14.00                        |
| OK .....                | 7.50  | 7.00                         | 8.50                         | 9.00                         | 7.50                         | 7.50                         |
| OR .....                | 11.80   | 12.50                        | 12.60                        | 14.80                        | 10.20                        | 12.20                        |
| SD .....                | 16.90   | 17.30                        | 19.10                        | 20.20                        | 18.00                        | 19.20                        |
| TX .....                | 9.00  | 8.50                         | 10.00                        | 9.00                         | 9.20                         | 9.00                         |
| UT .....                | 11.60   | 11.60                        | 13.70                        | 13.40                        | 12.10                        | 12.50                        |
| WA .....                | 9.60  | 11.20                        | 11.00                        | 11.70                        | 9.60                         | 11.20                        |
| WY .....                | 13.50   | 13.40                        | 15.60                        | 15.50                        | 14.00                        | 13.90                        |
| 17-State <sup>3</sup>   | 12.30   | 12.30                        | 14.20                        | 14.40                        | 12.70                        | 13.10                        |
| 16-State <sup>4</sup>   | 13.50   | 13.80                        | 15.80                        | 16.40                        | 14.00                        | 14.60                        |
| 11-State <sup>5</sup>   | 12.50   | 12.80                        | 14.60                        | 15.10                        | 13.00                        | 13.40                        |
| 9-State <sup>6</sup> .. | 12.20   | 12.10                        | 14.10                        | 14.10                        | 12.60                        | 12.90                        |

<sup>1</sup>The average rates are estimates (rates over \$10.00 are rounded to the nearest dime) based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Agricultural Survey. <sup>2</sup>Includes animal unit plus cow-calf rates. Cow-calf rate converted to animal unit (AUM) using (1 aum=cow-calf \*0.833). <sup>3</sup>Seventeen Western States: All States listed. <sup>4</sup>Sixteen Western States: All States, except Texas. <sup>5</sup>Eleven Western States: AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, and WY. <sup>6</sup>Nine Great Plains States: CO, KS, NE, NM, ND, OK, SD, TX, and WY. <sup>7</sup>Insufficient data.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

## Appendix I

### Telephone Contact List

Appreciation is expressed to the following agencies for their help in this publication. The information offices are listed to provide help to those users who require additional information about specific tables in this publication.

**Agricultural Marketing Service:**

USDA/AMS  
Room 3510 South Bldg.  
Washington, DC 20250  
202-720-8998

**Agricultural Research Service:**

USDA/ARS  
5601 Sunnyside Ave  
Bldg 1, Rm 2250  
Beltsville, MD 20705-5128  
301-504-1638

**Animal and Plant Health Inspection Service:**

USDA/APHIS  
USDA Center at Riverside  
4B09 - Unit 51  
Riverdale, MD 20737  
301-734-7280

**Center for Nutrition Policy and Promotion:**

USDA/CNPP  
3101 Park Center Drive  
Alexandria, VA 22302  
703-605-4266

**Economic Research Service:**

USDA/ERS  
1800 M St, NW  
Washington, DC  
202-694-5050

**Farm Credit Administration:**

FCA  
1501 Farm Credit Dr.  
McLean, VA 22102  
703-883-4000

**Farm Service Agency:**

USDA/FSA  
Room 3624 South Bldg.  
Washington, DC 20250  
202-720-7809

**Food and Consumer Service:**

USDA/FCS  
Office of Public Information  
3101 Park Center Drive, Room 819  
Alexandria, VA 22302  
703-305-2286

**Foreign Agricultural Service:**

USDA/FAS  
Room 5074 South Bldg.  
Washington, DC 20250  
202-720-7115

**Forest Service:**

USDA/FS  
2nd Floor Central Wing, Aud. Bldg.  
Washington, DC 20250  
202-205-1273

**National Agricultural Statistics Service:**

USDA/NASS  
Room 5829 South Bldg.  
Washington, DC 20250  
202-720-3878

**National Marine Fisheries Service:**

USDC/NOAA/NMFS  
1315 East/West Highway,  
SSMC III - Room 12340  
Silver Spring, MD 20910-3282  
301-713-2328

**Natural Resources Conservation Service:**

USDA/NRCS  
Room 6121 South Bldg.  
Washington, DC 20250  
202-720-3210

**Rural Business-Cooperatives Service:**

USDA/RECD/RBS  
Room 5039 South Bldg.  
Washington, DC 20250  
202-720-1019

**Rural Utilities Service:**

USDA/RD/RUS  
Room 4043 South Bldg.  
Washington, DC 20250  
202-720-1255

# INDEX

| Page  | Area:  | Page |
|---|--|------|
| <p>Agricultural commodity support prices .....IX-36-37</p> <p>Agricultural conservation program<br/> <i>See</i> Conservation, Soil conservation, and water conservation.</p> <p>Agricultural loans, <i>See</i> Loans.</p> <p>Agricultural production, index numbers .....IX-16</p> <p>Agricultural productivity .....IX-24</p> <p>Agricultural products:</p> <p>  Exports:</p> <p>    Index numbers .....XV-2</p> <p>    Value .....XV-4, 7-8</p> <p>  Foreign trade .....XV-2, 4-6</p> <p>  Imports:</p> <p>    Index numbers .....XV-3</p> <p>    Value .....XV-2, 5-6, 9</p> <p>    <i>See also</i> Commodities, agricultural.</p> <p>Agricultural Stabilization and Conservation Programs .....XII-2-12</p> <p>Alaska crop statistics .....XV-29</p> <p>    <i>See also under specific commodities.</i></p> <p>Alfalfa meal:</p> <p>  Disappearance for feed .....I-45</p> <p>  Average price per ton-bulk .....I-49</p> <p>Alfalfa seed:</p> <p>  Prices .....VI-6</p> <p>Almonds:</p> <p>  Area .....V-1, 38, IX-20</p> <p>  Imports and exports .....V-38</p> <p>  Prices, farm .....V-38</p> <p>  Production .....V-38, IX-21</p> <p>  Value .....V-38, IX-21</p> <p>  Yield .....V-38, IX-20</p> <p>  Shelled production in foreign countries .....V-38</p> <p>Animal feeds, oils used:</p> <p>  Per capita .....III-29</p> <p>  Total .....III-29</p> <p>Animal oils:</p> <p>  Market prices .....III-30</p> <p>  Animal proteins, disappearance for feed .....I-45</p> <p>  Feed concentrates .....I-46</p> <p>  Animal units fed on farms .....I-46</p> <p>Animal units fed:</p> <p>  Grain consumption .....I-48</p> <p>  Roughage consumption .....I-48</p> <p>  Grain and roughage consumption .....I-48</p> <p>Animal tallow .....III-28</p> <p>Apples:</p> <p>  Area .....V-1, IX-20</p> <p>  Canned:</p> <p>    Quantity .....V-5</p> <p>    Cold-storage stocks .....V-64</p> <p>    Consumption .....V-37</p> <p>  Dried:</p> <p>    Exports .....V-6</p> <p>    Production .....V-5, 36</p> <p>    Quantity .....V-5</p> <p>  Foreign trade .....V-6</p> <p>  Frozen pack .....V-36</p> <p>  Frozen, quantity .....V-5</p> <p>  Imports .....V-6</p> <p>  Imports, origin .....V-6</p> <p>  Juice .....V-5</p> <p>  Prices:</p> <p>    Farm .....V-3</p> <p>    Production, US .....V-2-3, 5, 35, IX-21</p> <p>    Production, specified countries .....V-4</p> <p>    Shipments .....V-35</p> <p>    Utilization .....V-3, 5, 35</p> <p>    Value .....V-3, 35, IX-21</p> <p>    Yield .....IX-20</p> <p>  Apricots:</p> <p>    Area .....V-1, IX-20</p> <p>    Consumption .....V-37</p> <p>    Cold storage .....V-64</p> <p>    Canned:</p> <p>      Exports .....V-7</p> <p>      Quantity .....V-7, 35</p> <p>    Dried:</p> <p>      Exports .....V-87</p> <p>      Production .....V-36</p> <p>      Quantity sold .....V-7</p> <p>    Fresh exports .....V-7</p> <p>    Frozen .....V-7, 35-36</p> <p>    Prices, farm .....V-6-7</p> <p>    Production .....V-2, 7-8, 35, IX-21</p> <p>    Shipments .....V-35</p> <p>    Trade, foreign .....V-8</p> <p>    Utilization .....V-8</p> <p>    Value .....V-7, IX-21</p> <p>    Yield .....IX-20</p> | <p>  Land in farms:</p> <p>    Irrigated .....IX-7</p> <p>    Total .....IX-2, 5</p> <p>  Land utilization .....IX-6</p> <p>  Principal crops, planted and harvested .....IX-17-18, 20, 22</p> <p>    <i>See also under specific crops.</i></p> <p>Artichokes:</p> <p>  Area .....IV-18, IX-22</p> <p>  Consumption .....IV-31</p> <p>  Frozen, commercial pack .....IV-18</p> <p>  Price .....IV-18</p> <p>  Production .....IV-18, IX-23</p> <p>  Shipments .....IV-30</p> <p>  Value .....IX-23</p> <p>  Yield .....IX-22</p> <p>Asparagus:</p> <p>  Area .....IV-6, IX-22</p> <p>  Cold storage .....IV-36</p> <p>  Consumption .....IV-31, 33-34</p> <p>  Frozen pack .....IV-32</p> <p>  Price .....IV-6</p> <p>  Production .....IV-6, IX-23</p> <p>  Shipments .....IV-30</p> <p>  Value .....IX-23</p> <p>  Yield .....IV-6, IX-22</p> <p>Avocados:</p> <p>  Area .....V-1, IX-20</p> <p>  Consumption .....V-37</p> <p>  Imports .....V-8</p> <p>  Prices, farm .....V-8</p> <p>  Production .....V-2, 8, IX-21</p> <p>  Shipments .....V-35</p> <p>  Value .....V-8, IX-21</p> <p>  Yield .....IX-20</p> <p>Balance sheet, farming sector .....IX-12</p> <p>Bananas:</p> <p>  Area .....V-1, 9, IX-20</p> <p>  Consumption .....V-38</p> <p>  Prices .....V-9</p> <p>  Production .....V-2, 9, 35, IX-21</p> <p>  Value .....V-9, IX-21</p> <p>  Yield .....V-9, IX-20</p> <p>Banks, operating</p> <p>  Amount of agricultural loans outstanding .....X-12</p> <p>Barley:</p> <p>  Area .....I-36-39, IX-18</p> <p>  Consumption .....I-40</p> <p>  Crop progress .....XV-34</p> <p>  Crop ranking .....XV-30</p> <p>  Disappearance .....I-36</p> <p>  Exports .....I-36</p> <p>  Feed concentrates .....I-46</p> <p>  Imports .....I-36</p> <p>  Prices:</p> <p>    Farm .....I-36-37</p> <p>    Market .....I-48</p> <p>    Seed, average price paid .....VI-6</p> <p>    Support operations .....I-40</p> <p>  Production .....I-36-39, IX-19</p> <p>  Stocks on and off farms .....I-36</p> <p>  Supply .....I-36</p> <p>  Value .....I-36-37, IX-19</p> <p>  Yield .....I-36-39, IX-18</p> <p>Barrows and gilts .....VII-24</p> <p>Beans:</p> <p>  Butter beans:</p> <p>    Frozen commercial pack .....IV-32</p> <p>    Dry edible:</p> <p>      Area .....VI-7-8, IX-18</p> <p>      Crop ranking .....XV-30</p> <p>      Exports .....VI-9</p> <p>      Prices:</p> <p>        Farm .....VI-8</p> <p>        Market .....VI-8</p> <p>      Production .....VI-7-8, IX-19</p> <p>      Value .....VI-8, IX-19</p> <p>      Yield .....VI-7-8, IX-18</p> <p>    Beans, green:</p> <p>      Frozen commercial pack .....IV-32</p> <p>      Cold storage .....IV-35</p> <p>      Regular cut:</p> <p>        Frozen commercial pack .....IV-32</p> <p>        Cold storage .....IV-35</p> <p>      Wax:</p> <p>        Frozen commercial pack .....IV-32</p> <p>      Italian:</p> <p>        Frozen commercial pack .....IV-32</p> <p>      Total:</p> <p>        Cold storage .....IV-35</p> <p>    Beans, whole:</p> <p>      Frozen commercial pack .....IV-32</p> |      |

INDEX-2

INDEX

|   | Page        |  | Page            |
|---|-------------|--|-----------------|
| Lima, baby:   |             | Broccoli:                                    |                 |
| Frozen commercial pack .....                          | IV-32       | Area .....                                   | IV-9, IX-22     |
| Cold storage .....                                    | IV-35       | Cold Storage .....                           | IV-32           |
| Lima, Fordhook:                                       |             | Consumption .....                            | IV-31, 34       |
| Frozen commercial pack .....                          | IV-32       | Frozen pack .....                            | IV-32           |
| Cold storage .....                                    | IV-35       | Prices, farm .....                           | IV-9            |
| Lima, fresh:  |             | Production .....                             | IV-9, IX-23     |
| Area .....  | IV-7, IX-22 | Shipments .....                              | IV-30           |
| Consumption .....                                     | IV-31       | Value .....                                  | IV-9, IX-23     |
| Frozen pack .....                                     | IV-32, 34   | Yield .....                                  | IV-9, IX-22     |
| Price .....   | IV-7        | Broilers:                                    |                 |
| Production .....                                      | IV-7, IX-23 | Production, price, and income .....          | VIII-34-36      |
| Shipments .....                                       | IV-30       | Feed consumed per head and unit .....        | I-47            |
| Value .....   | IX-23       | Feed ratio .....                             | VIII-35         |
| Yield .....   | IX-22       | Brussels sprouts:                            |                 |
| Lima, processing:                                     |             | Area .....                                   | IV-18, IX-22    |
| Area .....  | IV-7, IX-22 | Cold storage .....                           | IV-35           |
| Frozen pack .....                                     | IV-32       | Consumption .....                            | IV-31           |
| Price .....   | IV-7        | Frozen pack .....                            | IV-32           |
| Production .....                                      | IV-7, IX-23 | Price .....                                  | IV-18           |
| Value .....   | IX-23       | Production .....                             | IV-18, IX-23    |
| Yield .....   | IX-22       | Value .....                                  | IX-23           |
| Snap, fresh:  |             | Yield .....                                  | IX-22           |
| Area .....  | IV-7, IX-22 | Buffalo, number in specified countries ..... | VII-5           |
| Canned pack .....                                     | IV-32       | Buildings, farm, value of .....              | IX-8            |
| Consumption,canned .....                              | IV-31       | Bulls:                                       |                 |
| Prices, farm,canned .....                             | IV-7        | Number, Jan. 1 .....                         | VII-1, 4        |
| Production .....                                      | IV-7, IX-23 | Slaughter under Federal inspection .....     | VII-12-13       |
| Shipments .....                                       | IV-30       | Butter:                                      |                 |
| Value .....   | IX-23       | Consumption .....                            | III-29, VIII-22 |
| Yield .....   | IX-22       | Cold-storage holdings .....                  | VIII-45         |
| Snap, processing:                                     |             | Production in specified countries .....      | VIII-23         |
| Area .....  | IV-8, IX-22 | Disappearance .....                          | VIII-22         |
| Consumption, canned .....                             | IV-33       | Exports .....                                | VIII-26         |
| Prices, farm .....                                    | IV-8        | Prices, market .....                         | III-30, VIII-21 |
| Production .....                                      | IV-8, IX-23 | Production, world .....                      | VIII-23         |
| Shipments .....                                       | IV-30       | Stocks on hand, Dec. 31 .....                | VIII-22         |
| Value .....   | IX-23       | Cabbage:                                     |                 |
| Yield .....   | IV-8, IX-22 | Shipments .....                              | IV-30           |
| Beef:   |             | Consumption .....                            | IV-31           |
| Cold storage holdings .....                           | VII-53-54   | Cabbage, Chinese:                            |                 |
| Consumption .....                                     | VII-46      | Shipments .....                              | IV-30           |
| Feed consumed per head and unit .....                 | I-47        | Cabbage, fresh market:                       |                 |
| Production .....                                      | VII-42, 46  | Area .....                                   | IV-10, IX-22    |
| <i>See also</i> Beef and Veal, Meats <i>and</i> Veal. |             | Price .....                                  | IV-10           |
| Beef and veal:  |             | Production .....                             | IV-10, IX-23    |
| Exports .....   | VII-43      | Value .....                                  | IX-23           |
| Imports .....   | VII-43-44   | Yield .....                                  | IX-22           |
| Production, specified countries .....                 | VII-42      | Cabbage, for kraut:                          |                 |
| <i>See also</i> Beef, Meats, <i>and</i> Veal.         |             | Area .....                                   | IV-10, IX-22    |
| Beeswax:  |             | Per capita utilization .....                 | IV-33           |
| Imports .....   | II-24       | Price .....                                  | IV-10           |
| Beets, for canning:                                   |             | Production .....                             | IV-10, IX-23    |
| Area .....  | IV-8, IX-22 | Value .....                                  | IX-23           |
| Canned pack .....                                     | IV-32       | Yield .....                                  | IX-22           |
| Consumption .....                                     | IV-33       | Cacao beans:                                 |                 |
| Price .....   | IV-8        | Imports origin .....                         | V-42            |
| Production .....                                      | IV-8, IX-23 | Cacao butter. <i>See</i> Cocoa butter.       |                 |
| Shipments .....                                       | IV-30       | Caloric sweeteners:                          |                 |
| Value .....   | IX-23       | Per capita consumption .....                 | II-26           |
| Yield .....   | IX-22       | Calves:                                      |                 |
| Berries:  |             | Carcasses condemned .....                    | VII-50          |
| Area .....  | V-1, IX-20  | Disposition .....                            | VII-8, 11       |
| Frozen pack .....                                     | V-36        | Heifers, number, Jan. 1 .....                | VII-1, 3        |
| Production .....                                      | V-2, IX-21  | Income from, cash and gross .....            | VII-8, 11       |
| Utilization .....                                     | V-35        | Number born .....                            | VII-6           |
| Value .....   | IX-21       | Number, Jan. 1 .....                         | VII-1-3         |
| Yield .....   | IX-20       | Operations and inventory .....               | VII-12-14       |
| Blackberries:   |             | Prices, farm .....                           | VII-52          |
| Cold Storage .....                                    | V-64        | Production .....                             | VII-8, 11       |
| Consumption .....                                     | V-37        | Receipts at livestock markets .....          | VII-9           |
| Frozen pack .....                                     | V-36        | Under 500 pounds .....                       | VII-1, 4        |
| Blackstrap molasses:                                  |             | Skins:                                       |                 |
| Average price per ton, bulk .....                     | I-49        | Exports .....                                | VII-48          |
| Bluegrass seed, Kentucky .....                        | VI-6        | Imports .....                                | VII-47, 48      |
| Boysenberries:  |             | Slaughter:                                   |                 |
| Cold Storage .....                                    | V-65        | Farm .....                                   | VII-8           |
| Frozen pack .....                                     | V-36        | Total .....                                  | VII-9           |
| Blueberries:  |             | Under Federal inspection .....               | VII-9, 50       |
| Cold Storage .....                                    | V-64        | Slaughtered, live weight:                    |                 |
| Consumption .....                                     | V-37        | By States .....                              | VII-10          |
| Frozen pack .....                                     | V-36        | Canned vegetable and commercial production:  |                 |
| Shipments .....                                       | V-35        | Vegetable consumption .....                  | IV-34           |
| Bluegrass seed, Kentucky:                             |             | Canola:                                      |                 |
| Average price .....                                   | VI-6        | Area .....                                   | IX-18           |
| Breakfast Program .....                               | XIII-7-9    | Production .....                             | IX-19           |
| Brewers' dried grains:                                |             | Value .....                                  | IX-19           |
| Average price per ton, bulk .....                     | I-49        | Yield .....                                  | IX-18           |

# INDEX

INDEX-3

|  | Page            |  | Page              |
|--|-----------------|--|-------------------|
| Cantaloups:  |                 | Cheese:  |                   |
| Area.....  | IV-11, IX-22    | American, factory production.....                                    | VIII-15           |
| Consumption.....   | IV-31           | Cold-storage holdings.....   | VIII-45           |
| Price.....   | IV-11           | Consumption.....   | VIII-22           |
| Production.....  | IV-11, IX-23    | Disappearance.....   | VIII-22           |
| Shipments.....   | IV-30           | Exports.....   | VIII-29-30        |
| Value.....   | IX-23           | Foreign production.....  | VIII-23           |
| Yield.....   | IX-22           | Imports.....   | VIII-24           |
| <i>See also</i> Melons.  |                 | Prices, market.....  | VIII-21           |
| Carcasses, whole, number condemned under Federal inspection..... | VII-50          | Prices, support operations.....                                      | VIII-28           |
| Carrots:   |                 | Production.....  | VIII-15, 23       |
| Cold storage.....  | IV-35           | Stocks on hand, Dec. 31.....   | VIII-22           |
| Consumption.....   | IV-31, 33-34    | Cherries, total:   |                   |
| Frozen pack.....   | IV-32           | Area.....  | V-1, IX-20        |
| Shipments.....   | IV-30           | Production.....  | V-2, IX-21        |
| Carrots, fresh:  |                 | Exports.....   | V-9               |
| Area.....  | IV-11, IX-22    | Imports.....   | V-9               |
| Price.....   | IV-11           | Shipments.....   | V-35              |
| Production.....  | IV-11, IX-23    | Consumption.....   | V-37              |
| Value.....   | IX-23           | Utilization.....   | V-35              |
| Yield.....   | IX-22           | Cherries, sweet:   |                   |
| Carrots, processing:   |                 | Production.....  | V-10-11           |
| Area.....  | IV-11, IX-22    | Price.....   | V-10              |
| Price.....   | IV-11           | Value.....   | V-10              |
| Production.....  | IV-11, IX-23    | Utilization.....   | V-11              |
| Value.....   | IX-23           | Frozen commercial pack.....  | V-36              |
| Yield.....   | IX-22           | Cold storage.....  | V-64              |
| Casein:  |                 | Cherries, tart:  |                   |
| Imports.....   | VIII-25         | Production.....  | V-10-11           |
| Cash rents:  |                 | Price.....   | V-10              |
| Rents, cropland, and pasture.....                                | IX-11           | Value.....   | V-10              |
| Castor beans:  |                 | Utilization.....   | V-11              |
| Imports.....   | III-27          | Cold storage.....  | V-64              |
| Castor oil:  |                 | Chickens:  |                   |
| Imports.....   | III-27          | Broiler production, price, and income.....                           | VIII-34, 36       |
| Prices, wholesale.....   | III-30          | Commercial storage stocks.....                                       | VIII-44           |
| Catfish:   |                 | Consumption.....   | VIII-35           |
| Farm-raised.....   | XV-20           | Exports.....   | VIII-35           |
| No operations.....   | XV-21           | Feed consumed per head and unit.....                                 | I-47              |
| Cattle:  |                 | Layers 1 year old+.....  | VIII-28, 29       |
| Carcasses condemned.....   | VII-50          | Layers 20 wks old.....   | VIII-28, 29       |
| Hides:   |                 | Pullets 13-20 weeks.....   | VIII-28, 30       |
| Exports.....   | VII-48          | Pullets under 13 weeks.....  | VIII-28, 30       |
| Imports.....   | VII-47-48       | Number lost.....   | VIII-34-35        |
| Price per pound, Chicago.....                                    | VII-47          | Number, Dec. 1.....  | VIII-28-31        |
| Income from cash and gross.....                                  | VII-8, 11       | Prices, live weight.....   | VIII-35           |
| Number:  |                 | Production in specified countries.....                               | VIII-33           |
| In specified countries (cattle and buffalo).....                 | VII-5           | Sold, number.....  | VIII-34-35        |
| Jan. 1.....  | VII-1, 2, 50    | Supply and distribution.....   | VIII-35           |
| On feed, by States.....  | VII-6-7         | Tested for pullorum disease.....                                     | VIII-38           |
| Operations and inventory.....                                    | VII-13-14       | Value:   |                   |
| Prices:  |                 | Dec. 1.....  | VIII-28, 31       |
| Market.....  | VII-7           | Of production.....   | VIII-36, IX-24    |
| Production and disposition.....                                  | VII-8, 11       | Of sales.....  | VIII-34-35        |
| Receipts at public stockyards.....                               | VII-9           | <i>See also</i> Chicks and Poultry.                                  |                   |
| Slaughter:   |                 | Chicks:  |                   |
| Farm.....  | VII-8, 11       | Baby, prices.....  | VIII-36           |
| Number.....  | VII-7-9, 10, 12 | Hatched by commercial hatcheries.....                                | VIII-36           |
| Under Federal inspection.....                                    | VII-7-9, 10, 12 | Value.....   | VIII-36           |
| Slaughtered, dressed weight.....                                 | VII-13          | Child Feeding Programs.....  | XIII-7-9          |
| Slaughtered, live weight.....                                    | VII-10          | Cigarettes and cigars:   |                   |
| By States.....   | VII-10          | Consumption and total output.....                                    | II-35, 38         |
| Value:   |                 | Exports.....   | II-38             |
| Jan. 1.....  | VII-1, 2        | Manufactured.....  | II-36-37          |
| Of production.....   | VII-8, IX-24    | Citrus fruits:   |                   |
| Cauliflower:   |                 | Area.....  | V-1, IX-20        |
| Area.....  | IV-12, IX-22    | Consumption.....   | V-37              |
| Consumption.....   | IV-31, 34       | Crop insurance.....  | X-3-8             |
| Cold storage.....  | IV-36           | Foreign production.....  | V-14              |
| Frozen pack.....   | IV-32           | Quantity processed.....  | V-12              |
| Prices.....  | IV-12           | Prices.....  | V-12-13           |
| Production.....  | IV-12, IX-23    | Production.....  | V-2, 12-13, IX-21 |
| Shipments.....   | IV-30           | Shipments.....   | V-35              |
| Value.....   | IV-12, IX-23    | Trade, foreign.....  | V-15              |
| Yield.....   | IV-12, IX-22    | Value.....   | V-12, IX-21       |
| Celery:  |                 | Yield.....   | IX-20             |
| Area.....  | IV-13, IX-22    | Citrus juices:   |                   |
| Consumption.....   | IV-31           | Concentrated, pack.....  | V-15              |
| Frozen pack.....   | IV-32           | Frozen pack.....   | V-35              |
| Prices.....  | IV-13           | <i>See also</i> Grapefruits, Lemons, Limes, Oranges, and Tangerines. |                   |
| Production.....  | IV-13, IX-23    | Clover seed (red and Ladino), prices.....                            | VI-6              |
| Shipments.....   | IV-30           | Coarse grains:   |                   |
| Value.....   | IV-13, IX-23    | International trade.....   | I-44              |
| Yield.....   | IV-13, IX-22    | Cocoa butter:  |                   |
|  |                 | Exports.....   | III-26            |
|  |                 | Coconut oil:   |                   |
|  |                 | Exports.....   | III-26            |
|  |                 | Imports.....   | III-27            |
|  |                 | Prices, market.....  | III-30            |
|  |                 | Production.....  | III-26            |

INDEX-4

INDEX

|   | Page            |
|---|-----------------|
| Coffee:   |                 |
| Area .....  | V-43, IX-18     |
| Exports from principal producing countries .....                        | V-44            |
| Imports, origin .....   | V-43            |
| Production .....  | V-43, IX-19     |
| Price .....   | V-43            |
| Value .....   | V-43, IX-19     |
| Yield .....   | V-43, IX-18     |
| Cold-storage stocks:  |                 |
| Apples .....  | V-64            |
| Dairy products .....  | VIII-45         |
| Frozen fruits .....   | V-64            |
| Frozen orange juice .....   | V-66            |
| Meats .....   | VIII-53         |
| Nuts .....  | V-66            |
| Poultry products .....  | VIII-44         |
| Vegetables .....  | IV-35           |
| Commodities, agricultural:  |                 |
| Owned by Commodity Credit Corporation,<br>Dec. 31 .....                 | XI-1            |
| Purchases by Commodity Credit Corporation,<br>costs .....               | XI-4-5          |
| Under Commodity Credit Corporation price-support<br>loan, Dec. 31 ..... | XI-1            |
| <i>See also</i> Agricultural products.                                  |                 |
| Commodity Credit Corporation:   |                 |
| Cost value of export and commodity<br>disposition .....                 | XI-6-7          |
| Inventory transactions .....  | XI-4            |
| Loan programs .....   | XI-2            |
| Collard greens:   |                 |
| Frozen commercial pack .....  | IV-32           |
| Price support:  |                 |
| Commodities owned .....   | XI-1            |
| Commodities under loan .....  | XI-2            |
| Operations, investments in .....  | XI-8            |
| Concentrates:   |                 |
| Fed per grain consuming animal unit .....                               | I-46            |
| Consumed by type of feed .....  | I-47            |
| Conservation Reserve Program .....                                      | XII-1-12        |
| Forestry Incentive Program .....  | XII-13-14       |
| Great Plains Program .....  | XII-15          |
| Watershed protection .....  | XII-15          |
| Status of cost-share contracts, EQIP/GPCP .....                         | XII-15          |
| Consumer's price index, by groups and by years .....                    | IX-1            |
| Consumer prices, index numbers .....                                    | XIII-10         |
| Consumption per capita:   |                 |
| Apples .....  | V-37            |
| Barley .....  | I-40            |
| Beans:  |                 |
| Snap, canned .....  | IV-33           |
| Beef .....  | VII-46          |
| Butter .....  | III-29, VIII-22 |
| Cheese .....  | VIII-22         |
| Chewing tobacco .....   | II-37           |
| Chickens .....  | VIII-35         |
| Cigarettes .....  | II-35           |
| Cigars .....  | II-35           |
| Citrus fruits .....   | V-37            |
| Coffee and cocoa .....  | XIII-6          |
| Corn:   |                 |
| Canned .....  | IV-33           |
| Cereal-hominy and grits .....   | I-40            |
| Meal-flour and meal .....   | I-40            |
| Sugar (dextrose) .....  | I-40            |
| Syrup .....   | I-40            |
| Comstarch .....   | I-40            |
| Dairy products .....  | XIII-5          |
| Eggs .....  | XIII-5          |
| Fat products .....  | III-29          |
| Fats .....  | III-29          |
| Fish .....  | XIII-5          |
| Flour .....   | XIII-5          |
| Food .....  | XIII-5          |
| Fruit juices, canned .....  | V-37            |
| Fruits:   |                 |
| Canned .....  | V-37            |
| Dried .....   | V-37            |
| Fresh .....   | V-37, XIII-5    |
| Frozen .....  | V-37            |
| Total .....   | V-37, XIII-5    |
| Grain products .....  | XIII-5          |
| Grains .....  | I-40            |
| Ice cream .....   | VIII-25         |
| Lamb and mutton .....   | VII-46          |
| Lard .....  | III-29, VII-46  |
| Margarine .....   | III-29          |
| Meats .....   | VII-46, XIII-5  |
| Melons .....  | IV-31           |

|  | Page                    |
|--|-------------------------|
| Consumption per capita—Continued   |                         |
| Milk:  |                         |
| Condensed .....  | VIII-22                 |
| Dry whole .....  | VIII-22                 |
| Evaporated .....   | VIII-22                 |
| Fluid .....  | VIII-21                 |
| Nonfat dry milk .....  | VIII-22                 |
| Nutrients .....  | XIII-3-4                |
| Oat products .....   | I-40                    |
| Oil products .....   | III-29                  |
| Oils .....   | III-29, XIII-5          |
| Paper .....  | XII-26                  |
| Paperboard .....   | XII-26                  |
| Peas, canned .....   | IV-33                   |
| Pork .....   | VII-46                  |
| Potatoes .....   | IV-31                   |
| Poultry .....  | XIII-5                  |
| Rice .....   | I-40                    |
| Rye .....  | I-40                    |
| Shortening .....   | III-29                  |
| Smoking tobacco .....  | II-35                   |
| Snuff .....  | II-35                   |
| Sugar .....  | XIII-6                  |
| Tobacco products .....   | II-35                   |
| Tomatoes:  |                         |
| Canned .....   | IV-33                   |
| Fresh .....  | IV-31                   |
| Turkeys .....  | VIII-38                 |
| Veal .....   | VII-46                  |
| Vegetables:  |                         |
| Canned .....   | IV-33, XIII-5           |
| Fresh .....  | IV-31, XIII-5           |
| Frozen .....   | IV-34, XIII-5           |
| Total .....  | XIII-5                  |
| Wheat:   |                         |
| Cereal .....   | I-40                    |
| Flour .....  | I-40                    |
| Conversion factors, weights, and measures .....                            | v-ix                    |
| Cooperative organizations, farmers' .....                                  | X-16-17                 |
| Copa, imports .....  | III-27                  |
| Corn, for grain:   |                         |
| Area .....   | I-24-25, 27-29, IX-18   |
| Consumption, total .....   | I-40                    |
| Crop insurance .....   | X-4                     |
| Crop progress .....  | XV-32                   |
| Crop ranking .....   | XV-30                   |
| Disappearance .....  | I-25                    |
| Exports .....  | I-25, 30-31             |
| Feed concentrates .....  | I-46                    |
| Imports .....  | I-25, 30                |
| Loan program, Commodity Credit Corporation .....                           | XI-2-3                  |
| Oil:   |                         |
| Prices, market .....   | III-30                  |
| Used in margarine and shortening .....                                     | III-24                  |
| Payments to producers .....  | XI-8                    |
| Prices:  |                         |
| Farm .....   | I-24, 27                |
| Market .....   | I-48                    |
| Support operations .....   | I-31                    |
| Production .....   | I-24-25, 27-29, IX-19   |
| Products, consumption .....  | I-40                    |
| Seed:  |                         |
| Average price paid .....   | VI-6                    |
| Silage .....   | I-24, 26                |
| Stocks on and off farms .....  | I-24                    |
| Supply .....   | I-25                    |
| Syrup:   |                         |
| Consumption .....  | II-27                   |
| Production, exports and imports .....                                      | II-27                   |
| Trade, international .....   | I-30                    |
| Value .....  | I-24, 27, IX-19         |
| Yield .....  | I-24, 25, 27-29, IX-18  |
| Sweet corn:  |                         |
| Area, production, and farm price .....                                     | IV-13-14, IX-22-23      |
| Cold storage .....   | IV-36                   |
| Consumption .....  | IV-31, 33-34            |
| Shipments .....  | IV-30                   |
| Yield and value .....  | IV-13-14, IX-22-23      |
| Canned:  |                         |
| Pack .....   | IV-32                   |
| Frozen pack .....  | IV-32-33                |
| Corn-hog price ratios .....  | VII-22                  |
| Comstarch, consumption, civilian, per capita .....                         | I-40                    |
| Cotton:  |                         |
| Area .....   | II-1, 3-4, III-1, IX-18 |
| American Pima, carryover and ginnings, by grade and<br>staple length ..... | II-7                    |
| Carryover .....  | II-6-7                  |
| Consumption .....  | II-5                    |
| Crop insurance .....   | X-4                     |
| Crop progress .....  | XV-33                   |
| Crop ranking .....   | XV-30                   |
| Distribution .....   | II-5, 12                |
| Exports .....  | II-5, 8-9, 12           |
| Exports, index numbers .....   | XV-2                    |



# INDEX

INDEX-5

|   | Page                  |  | Page             |
|---|-----------------------|--|------------------|
| Cotton—Continued                              |                       | Crop loan programs, Commodity Credit Corporation | XI-1-13          |
| Foreign:                                      |                       | Corporation                                      | XI-1-2           |
| Distribution                                  | II-12                 | Crop losses                                      | X-1-2            |
| Production                                    | II-3                  | Cropland:  |                  |
| Supply  | II-12                 | Area   | IX-17            |
| Stocks  | II-12                 | Cash rents                                       | IX-11            |
| Forward contracted percentages                | II-6                  | Land values                                      | IX-10            |
| Ginnings                                      | II-5                  | Crop progress, 5-year average                    | XV-31-34         |
| Grade and staple length                       | II-7                  | Crop ranking, major field crops, by production   | XV-30            |
| Imports                                       | II-9-10, 12           | Crops:   |                  |
| Linters:                                      |                       | Alaska   | XV-29            |
| Distribution                                  | II-12                 | Area   | IX-17-18, 20, 22 |
| Exports                                       | II-12                 | Production                                       | IX-19, 21, 23    |
| Imports                                       | II-10                 | Value of production                              | IX-19, 21, 23    |
| Percentage distribution of fiber strength     | II-5                  | Yield  | IX-18, 20, 22    |
| Production                                    | II-12                 | Crops principal:                                 |                  |
| Supply  | II-12                 | Production, index numbers                        | IX-16            |
| Loan program, Commodity Credit Corporation    | XI-1-2                | <i>See also specific crops.</i>                  |                  |
| Micronaire readings                           | II-10                 | Cucumbers:                                       |                  |
| Prices:                                       |                       | Consumption                                      | IV-31            |
| Farm  | II-1-2                | Shipments  | IV-30            |
| Market  | II-9, 11              | Cucumbers, fresh market:                         |                  |
| Support operations                            | II-2                  | Area   | IV-15, IX-22     |
| Production                                    | II-1, 3-4, IX-19      | Price  | IV-15            |
| Trade, international                          | II-9                  | Production                                       | IV-15, IX-23     |
| Upland:                                       |                       | Value  | IX-23            |
| Carryover, ginning, supply and disappearance: |                       | Yield  | IX-22            |
| By grade                                      | II-6                  | Cucumbers, for pickles:                          |                  |
| By staple length                              | II-8                  | Area   | IV-15, IX-22     |
| Value   | II-1-2, IX-19         | Consumption                                      | IV-33            |
| Yield   | II-1, 3-4, IX-18      | Price  | IV-15            |
| Cottonseed:                                   |                       | Production                                       | IV-15, IX-23     |
| Cake:   |                       | Value  | IV-15, IX-23     |
| Disappearance for feed                        | I-45                  | Yield  | IV-15, IX-22     |
| Exports by destination                        | III-3                 | Currants:  |                  |
| Crushings                                     | III-2                 | Exports by destination                           | V-21             |
| Exports                                       | III-26                | Dairy statistics:                                |                  |
| Meal:   |                       | Cold storage holdings                            | VIII-45          |
| Exports                                       | III-3                 | Consumption                                      | VIII-22          |
| Prices  | III-2                 | Dairy product feed-price ratio                   | VIII-2           |
| Production                                    | III-2                 | Disappearance                                    | VIII-22          |
| Oil:  |                       | Exports  | VIII-26-27       |
| Exports                                       | III-3, 26             | Herd improvement associations                    | VIII-6           |
| Prices  | III-1, 30             | Imports  | VIII-25          |
| Production                                    | III-1, 26             | Imports, index numbers                           | XV-2             |
| Used in margarine                             | III-24                | Income from cash and gross                       | VIII-11-12       |
| Used in shortening                            | III-25                | Manufactured                                     | VIII-14          |
| Prices, farm                                  | III-1-2               | Prices:  |                  |
| Production                                    | III-1, 4, IX-19       | Manufacturers                                    | VIII-16          |
| Products:                                     |                       | Support operations                               | VIII-28          |
| Prices and production                         | III-1                 | Production, factory                              | VIII-15          |
| Seed prices paid by farmers                   | VI-6                  | Seeds:   |                  |
| Value   | III-1-2, IX-19        | Average price per specified product              | VIII-21          |
| World:  |                       | Stocks, manufacturers                            | VIII-16          |
| Area  | III-4                 | Stocks on hand, Dec. 31                          | VIII-22          |
| Yield   | III-4                 | Dates:   |                  |
| Production                                    | III-4                 | Area   | V-1, 17, IX-20   |
| Cows and heifers that have calved:            |                       | Consumption                                      | V-38             |
| Beef cows                                     | VII-1, 3              | Dried, production                                | V-36             |
| Milk cows                                     | VII-1, 3              | Farm price                                       | V-17             |
| Cowhides:                                     |                       | Imports  | V-17             |
| Exports                                       | VII-48                | Production                                       | V-2, 17, IX-21   |
| Imports                                       | VII-47-48             | Utilization                                      | V-35             |
| Prices  | VII-47                | Value  | V-17, IX-21      |
| Cows, beef:                                   |                       | Yield  | V-17, IX-20      |
| Numbers, Jan. 1                               | VII-1, 3, 6, 15       | Distillers' dried grains:                        |                  |
| Number of operations                          | VII-15-16             | Average price per ton bulk                       | I-49             |
| Percent of inventory                          | VII-17                | Ducks:   |                  |
| Prices, market                                | VII-8                 | Frozen   | VIII-44          |
| Replacements                                  | VII-1, 3              | Economic trends                                  | IX-1             |
| Slaughter under Federal inspection            | VII-9, 13             | Eggplant:  |                  |
| Cows, milk:                                   |                       | Area   | IV-16, IX-22     |
| Number:                                       |                       | Consumption                                      | IV-31            |
| Average during year                           | VIII-1, 6-8           | Price  | IV-16            |
| In specified countries                        | VIII-10               | Production                                       | IV-16, IX-23     |
| Jan. 1  | VII-1, 3, VIII-1-3    | Shipments  | IV-30            |
| Kept for milk-cow replacement                 | VIII-1-3              | Value  | IX-23            |
| That have calved                              | VIII-2                | Yield  | IX-22            |
| Percent of operations and inventory           | VIII-3-5              | Eggs:  |                  |
| Prices, farm                                  | VIII-16               | Cold-storage stocks                              | VIII-44          |
| Slaughter, Federally Inspected                | VII-12                | Consumption                                      | VIII-43          |
| <i>See also Cattle.</i>                       |                       | Egg-feed ratio                                   | VIII-35          |
| Cranberries:                                  |                       | Exports  | VIII-43          |
| Area  | V-1, 17-18, IX-20     | Imports  | VIII-43          |
| Consumption                                   | V-38                  | Lay, rate  | VIII-41-42       |
| Shipments                                     | V-35                  | Numbers used for hatching                        | VIII-43          |
| Prices, farm and quantity processed           | V-17-18               | Prices:  |                  |
| Production                                    | V-2, 17-18, 35, IX-21 | Farm   | VIII-42          |
| Utilization                                   | V-35                  | Per dozen  | VIII-42          |
| Value   | V-17, 35 IX-21        | Volume buyers, New York                          | VIII-43          |
| Yield   | V-17-18, IX-20        | Production                                       | VIII-41-42       |
| Crop insurance programs                       | X-3-8                 | Products under Federal inspection                | VIII-43          |
|   |                       | Sales  | VIII-42          |
|   |                       | Value  | VIII-42          |
|   |                       | Emergency conservation measures                  | XII-12           |

INDEX-6

INDEX

|   | Page          |
|---|---------------|
| Employment, farm:   |               |
| Number of persons employed.....   | IX-13-15      |
| Total.....  | IX-13         |
| <i>See also</i> Labor, farm and Workers, farm equipment, farm. <i>See</i> Farm equipment. |               |
| Escarole-Endive:  |               |
| Area.....   | IV-16, IX-22  |
| Consumption.....  | IV-31         |
| Price.....  | IV-16         |
| Production.....   | IV-16, IX-23  |
| Shipments.....  | IV-30         |
| Value.....  | IX-23         |
| Yield.....  | IX-22         |
| Expenses, farm production.....  | IX-39         |
| European Union:   |               |
| value of agricultural imports.....  | XV-10         |
| Ewes:   |               |
| Number, Jan. 1.....   | VII-27-28     |
| Family farm:  |               |
| Workers.....  | IX-13-15      |
| Farm:   |               |
| Balance sheet.....  | IX-12         |
| Buildings, value.....   | IX-8          |
| Cash receipts.....  | IX-38         |
| Economic sales class.....   | IX-2          |
| Income, farm operator.....  | IX-41         |
| Prices, food.....   | IX-25         |
| Employment.....   | IX-13-15      |
| Equipment:  |               |
| Value.....  | IX-12         |
| <i>See also</i> Machinery, farm.  |               |
| Family. <i>See</i> Family, farm.  |               |
| Income. <i>See</i> Income.  |               |
| Labor. <i>See</i> Labor, farm.  |               |
| Land:   |               |
| Area.....   | IX-2, 3, 5, 7 |
| Utilization.....  | IX-6, 9       |
| Value.....  | IX-8          |
| Mortgage. <i>See</i> Mortgages, farm.   |               |
| Operators tenure of:  |               |
| Output, index numbers.....  | IX-16         |
| Population. <i>See</i> Population, farm.  |               |
| Production:   |               |
| Expenses.....   | IX-39         |
| Index numbers.....  | IX-16, 24     |
| Products:   |               |
| Income:   |               |
| Cash.....   | IX-1, 39      |
| Gross.....  | IX-1, 39      |
| Nonmoney.....   | IX-39         |
| Prices, farm.....   | IX-27-29      |
| Property:   |               |
| Maintenance costs.....  | IX-39         |
| Taxes.....  | IX-39         |
| Value.....  | IX-8-9        |
| Real estate. <i>See</i> Real estate, farm.  |               |
| Loans:  |               |
| Outstanding.....  | X-9-14        |
| Farmers:  |               |
| Cooperative associations type, number and membership.....                                 | X-15-17       |
| Operator households.....  | IX-41         |
| Marketing and purchasing associations membership and business.....                        | X-15          |
| <i>See also</i> Farm, operators.  |               |
| Farmers Home Administration loans.....  | X-12-14       |
| Community projects.....   | X-12-14       |
| Farming purposes.....   | X-12-14       |
| Housing.....  | X-12          |
| Farms:  |               |
| Number.....   | IX-2, 4-5     |
| Tenure of operator.....   | IX-3-4        |
| Farm Service Agency:  |               |
| Payments to producers by program and commodity.....                                       | XI-9-10       |
| Loans made to individuals and associations for farming purposes.....                      | X-14          |
| Payment received.....   | XI-11         |
| Fat products, consumption.....  | III-29        |
| Fatty acids:  |               |
| Total and per capita.....   | III-29        |
| Fats:   |               |
| Butter fats.....  | III-26        |
| Consumption.....  | III-29        |
| Disappearance.....  | III-25        |
| Exports.....  | III-26, 28    |
| Imports.....  | III-27        |
| Tallow and grease.....  | III-26        |
| Prices:   |               |
| Index numbers.....  | III-30        |
| Market.....   | III-30        |
| Wholesale.....  | III-30        |
| Stocks, Jan. 1.....   | III-25        |
| Supply and disposition.....   | III-25        |
| Use, food and nonfood.....  | III-25        |

|  | Page                   |
|--|------------------------|
| Fats—Continued   |                        |
| Used in—   |                        |
| Margarine.....   | III-24                 |
| Shortening.....  | III-25                 |
| World production.....  | III-26                 |
| <i>See also</i> Oils, shortening, and under specific kinds.    |                        |
| Feed:  |                        |
| Bought, cost to farm operators.....                            | IX-39                  |
| Grains:  |                        |
| Average price, selected markets and grades.....                | I-48                   |
| Disappearance.....   | I-1                    |
| Quantity consumed by livestock and poultry.....                | I-47                   |
| Feed concentrates:   |                        |
| Fed to livestock and poultry.....                              | I-46                   |
| Quantity fed per animal unit.....                              | I-46                   |
| Total fed.....   | I-46                   |
| Feed Grain Program, payments to producers.....                 | XI-9                   |
| Exports, index numbers.....                                    | XV-2                   |
| Imports, index numbers.....                                    | XV-3                   |
| Field seeds:   |                        |
| Average retail price.....                                      | VI-6                   |
| Feedstuffs:  |                        |
| Commercial, disappearance.....                                 | I-45                   |
| Prices, market.....  | I-49                   |
| Fertilizer:  |                        |
| Acres receiving applications.....                              | XIV-1,3,5,7,9-10,12-14 |
| Bought, cost to farm operators.....                            | IX-33                  |
| Figs:  |                        |
| Area harvested.....  | IX-20                  |
| Consumption.....   | V-37                   |
| Dried:   |                        |
| Exports and imports.....                                       | V-18                   |
| Production.....  | V-2, 18, 36            |
| Price.....   | V-2, 18, IX-21         |
| Production.....  | V-2, 18, IX-21         |
| Utilization.....   | V-35                   |
| Value.....   | V-18, IX-21            |
| Yield.....   | IX-20                  |
| Fish:  |                        |
| Consumption per capita.....                                    | XIII-5                 |
| Packaged, fresh and frozen production by species.....          | XV-11                  |
| Fisheries, catch and disposition.....                          | XV-12-13               |
| Fishermen and craft.....                                       | XV-12                  |
| Fishery products:  |                        |
| Canned, production and value.....                              | XV-11                  |
| Fresh.....   | XV-11                  |
| Exports.....   | XV-15-16               |
| Frozen, production.....  | XV-11                  |
| Imports.....   | XV-15-16, 20           |
| Landings.....  | XV-10                  |
| Production, processed.....                                     | XV-14                  |
| Sales, inventory.....  | XV-20                  |
| Supply.....  | XV-13                  |
| Fishing trips.....   | XV-16                  |
| Fish caught by marine recreational fishermen.....              | XV-17-20               |
| Value.....   | XV-10-12, 14           |
| Fish meal:   |                        |
| Average price per ton bulk.....                                | I-49                   |
| Disappearance for feed.....                                    | I-45                   |
| Flaxseed:  |                        |
| Area.....  | III-5, IX-18           |
| Crop insurance.....  | X-5                    |
| Crushed for linseed oil.....                                   | III-7                  |
| Disappearance.....   | III-5                  |
| Exports.....   | III-5, 7, 26           |
| Imports.....   | III-5, 7, 27           |
| Prices:  |                        |
| Farm.....  | III-5-6                |
| Market.....  | III-6                  |
| Support operations.....  | III-6                  |
| Production.....  | III-5, 7, IX-19        |
| Seed.....  | VI-6                   |
| Stocks.....  | III-5                  |
| Supply.....  | III-5                  |
| Used for seed.....   | III-5                  |
| Value.....   | III-5-6, IX-19         |
| Yield.....   | III-5, IX-18           |
| <i>See also</i> Linseed.                                       |                        |
| Flood prevention operations:                                   |                        |
| Forest Service and Natural Resources Conservation Service..... | XII-15                 |
| Flour. <i>See</i> under specific kinds.                        |                        |
| Flowers.....   | V-47                   |

# INDEX

INDEX-7

|  | Page         |   | Page              |
|--|--------------|---|-------------------|
| Food:  |              | Grains:   |                   |
| Acquisition .....  | XV-9         | Consumption, civilian .....                               | I-40              |
| Consumption, pounds .....  | XIII-5-6     | Course, international trade .....                         | I-44              |
| Foodservice Establishments.....  | XIII-10      | Disappearance, total .....                                | I-1               |
| Nutrients, contributed by food groups .....  | XIII-3-4     | Quantity for feeding .....                                | I-46              |
| Plans, cost levels .....   | XIII-6       | Exports:  |                   |
| Stamp Program .....  | XIII-7       | Index numbers.....  | XV-2              |
| Prices, farm-to-retail spread .....  | IX-25-26     | Feed:   |                   |
| Products, marketing spreads .....  | IX-25-26     | Area.....   | IX-17             |
| Food and Nutrition Service Programs .....  | XIII-7       | Prices, market .....                                      | I-48-49           |
| Contributions to States .....  | XIII-8-9     | Food, area .....  | IX-17             |
| Costs.....   | XIII-7       | Food, price, selected markets and grades.....             | I-24              |
| Persons participating.....   | XIII-9       | Imports, index numbers.....                               | XV-3              |
| Quantity of macronutrients .....   | XIII-1       | Supply.....   | I-1               |
| Food grain prices, market.....   | I-24         | <i>See also under specific kinds.</i>                     |                   |
| Foreign trade. <i>See</i> Agricultural products, foreign trade;<br><i>also under specific crops.</i> |              | Grape juice:  |                   |
| Forestry statistics .....  | XII-15-26    | Canned pack.....  | V-20              |
| Indexes.....   | XII-26       | Grapefruit:   |                   |
| Incentive program .....  | XII-13-14    | Area .....  | V-1, IX-20        |
| Land, total and commercial .....   | XII-17       | Consumption .....   | V-37              |
| Products, value .....  | XII-21       | Canned:   |                   |
| French fries:  |              | Exports .....   | V-15              |
| Cold storage .....   | IV-36        | Pack .....  | V-15              |
| Imports .....  | IV-23        | Exports .....   | V-15-17           |
| Frozen commercial pack:  |              | Foreign production.....                                   | V-14              |
| Fruits .....   | V-36         | Imports .....   | V-15, 17          |
| Frozen meat .....  |              | Juice, canned:  |                   |
| Cold storage holdings .....  | VII-53-54    | Blended orange and grapefruit, pack .....                 | V-15              |
| Fruit:   |              | Exports .....   | V-17              |
| Juices, canned:  |              | Pack .....  | V-15              |
| Consumption .....  | V-37         | Juice, concentrated, pack .....                           | V-14              |
| Pack .....   | V-15         | Prices, farm .....  | V-12              |
| <i>See under specific kinds.</i>   |              | Processed, quantity .....                                 | V-12              |
| Fruits:  |              | Production .....  | V-2, 12-14, IX-21 |
| Area, bearing .....  | V-1, IX-20   | Shipments .....   | V-35              |
| Canned:  |              | Value .....   | V-12, IX-21       |
| Consumption .....  | V-37         | Yield .....   | IX-20             |
| Citrus .....   | V-12-17      | <i>See also</i> Citrus fruits.                            |                   |
| Citrus products.....   | V-12-17      | Grapes:   |                   |
| Cold-storage stocks .....  | V-62         | Area .....  | V-1, IX-20        |
| Deciduous fruits .....   | V-1          | Cold storage .....  | V-64              |
| Dried:   |              | Consumption .....   | V-37              |
| Consumption .....  | V-37         | Crushed for wine.....                                     | V-20, 35          |
| Production .....   | V-36         | Dried, production (raisins) .....                         | V-20, 36          |
| Exports:   |              | Exports .....   | V-21              |
| Index numbers .....  | XV-2         | Frozen .....  | V-37              |
| Frozen:  |              | Imports .....   | V-21              |
| Cold-storage stocks .....  | V-64         | Prices .....  | V-19              |
| Consumption .....  | V-37         | Production .....  | V-2, 19-20, IX-21 |
| Pack .....   | V-36         | Shipments .....   | V-35              |
| Noncitrus:   |              | Utilization .....   | V-19-20, 35       |
| Production .....   | V-35         | Value.....  | V-19, IX-21       |
| Utilization .....  | V-35         | Yield .....   | IX-20             |
| Value .....  | V-35         | Grazing   |                   |
| Orders, marketing .....  | XI-12        | Fees .....  | IX-42             |
| Production .....   | V-2          | On national forests .....                                 | XII-22-23         |
| Shipments.....   | V-35         | Number of stock and receipts.....                         | XII-22-23         |
| Percent of acres receiving applications .....  | XIV-13       | Grease:   |                   |
| <i>See also under specific kinds.</i>  |              | Exports .....   | III-28            |
| Garlic:  |              | Great Plains Conservation Program:                        |                   |
| Area .....   | IV-16, IX-22 | Contracts.....  | XII-15            |
| Consumption .....  | IV-31        | Greens:   |                   |
| Price .....  | IV-16        | Cold storage.....   | IV-36             |
| Production .....   | IV-16, IX-23 | Consumption.....  | IV-31             |
| Value .....  | IX-23        | Shipments .....   | IV-30             |
| Yield .....  | IX-22        | Guavas:   |                   |
| Ginger root:   |              | Area .....  | V-1, 22, IX-20    |
| Area .....   | V-19, IX-18  | Price .....   | V-22              |
| Price .....  | V-19         | Production .....  | V-2, 22, IX-21    |
| Production.....  | V-19, IX-19  | Utilized production .....                                 | V-35              |
| Value .....  | V-19, IX-19  | Value.....  | V-22, IX-21       |
| Yield .....  | V-19, IX-18  | Yield .....   | V-22, IX-20       |
| Gluten:  |              | Hams, exports.....  | VIII-43           |
| Average price per ton of feed, bulk .....  | I-49         | Hardwood, production .....                                | XII-25            |
| Disappearance for feed .....   | I-45         | <i>See also under specific commodities.</i>               |                   |
| Goat skins, imports .....  | VII-47       | Hazelnuts:  |                   |
| Goats:   |              | Area .....  | V-1, 39, IX-20    |
| Average clip.....  | VII-40       | Exports .....   | V-39              |
| Carcasses condemned .....  | VII-50       | Imports .....   | V-39              |
| Numbers clipped .....  | VII-40       | Price .....   | V-39              |
| Slaughtered under Federal inspection .....   | VII-50       | Production.....   | V-39, IX-21       |
| Government payments:   |              | Production in Foreign countries .....                     | V-38              |
| Total .....  | IX-40        | Value .....   | V-39, IX-21       |
| Government stocks:   |              | Yield .....   | V-39, IX-20       |
| Barley .....   | I-36         | Hay:  |                   |
| Corn .....   | I-25         | Area .....  | VI-1-5, IX-18     |
| Sorghum .....  | I-41         | Crop ranking .....  | XV-30             |
| Grain products:  |              | Prices, farm .....  | VI-1, 5           |
| Consumption.....   | I-40         | Production .....  | VI-1-5, IX-19     |
| Exports, destination .....   | I-12, 20, 31 | Stock on farms .....                                      | VI-1              |
| Imports, index numbers.....  | XV-3         | Supply and disappearance, total and per animal unit ..... | VI-6              |
|  |              | Value .....   | VI-1, 5, IX-19    |
|  |              | Yield .....   | VI-1-4, IX-18     |

INDEX-8

INDEX

|  | Page                |                                  | Page          |
|--|---------------------|----------------------------------|---------------|
| <b>Heifers:</b>  |                     | <b>Income:</b>                   |               |
| Average dressed weight, Federally inspected.....         | VII-13              | Cash from—                       |               |
| Milk cows replacements.....                              | VII-1, 3, VIII-1, 2 | Beef.....                        | VII-8, 11     |
| Number, Jan. 1.....                                      | VII-1, 3            | Calves.....                      | VII-8, 11     |
| Number that have calved.....                             | VIII-1, 2           | Cattle.....                      | VII-8, 11     |
| Number slaughter.....                                    | VII-12              | Chickens.....                    | IX-38         |
| <b>Hens:</b>   |                     | Dairy products.....              | VIII-11-12    |
| Numbers, Dec. 1.....                                     | VIII-28-31          | Eggs.....                        | IX-38         |
| Feed consumed per head and unit.....                     | I-47                | Farming.....                     | IX-39         |
| <b>Hides and skins:</b>                                  |                     | Hogs.....                        | VII-22-23     |
| Average price, Central.....                              | VII-47              | Lambs.....                       | VII-31-32     |
| Exports.....   | VII-48              | Mohair.....                      | VII-40        |
| Imports.....   | VII-47-48           | Sheep.....                       | VII-31-32     |
| Imports, index numbers.....                              | XV-3                | Veal.....                        | VII-8, 11     |
| Mink pelts produced.....                                 | VII-49              | Wool.....                        | VII-39        |
| Prices at Central U.S.....                               | VII-47              | Disposable personal.....         | IX-1          |
| <b>Hired farm workers:</b>                               |                     | Government payments:             |               |
| Number of workers.....                                   | IX-17               | Total.....                       | IX-40         |
| Median weekly earnings.....                              | IX-17               | <b>Gross from—</b>               |               |
| <b>Hogs:</b>   |                     | Broilers.....                    | VIII-38       |
| Carcasses condemned.....                                 | VII-50              | Calves.....                      | VII-8, 11     |
| Disappearance.....                                       | VII-22              | Cattle.....                      | VII-8, 11     |
| Disposition.....   | VII-22-23           | Chickens.....                    | VIII-39       |
| Feed consumed per head and unit.....                     | I-47                | Dairy products.....              | VIII-11-12    |
| Income from, cash and gross.....                         | VII-22-23           | Farming.....                     | IX-1          |
| Marketings.....  | VII-22-23           | Hogs.....                        | VII-22-23     |
| Number:  |                     | Lambs.....                       | VII-31-32     |
| Dec. 1.....  | VII-18              | Sheep.....                       | VII-31-32     |
| For breeding.....  | VII-19              | Turkeys.....                     | VIII-38-39    |
| For market.....  | VII-19              | Gross, farm.....                 | IX-39         |
| In specified countries.....                              | VII-20              | National.....                    | IX-1          |
| Operations and inventory.....                            | VII-18              | Net, farm.....                   | IX-1          |
| Operations.....  | VII-25              | Nonmoney.....                    | IX-39         |
| Prices, farm.....  | VII-22, 52          | <b>Index numbers:</b>            |               |
| Production.....  | VII-22-23           | Agricultural:                    |               |
| Receipts:  |                     | Exports.....                     | XV-2          |
| At interior markets.....                                 | VII-22              | Imports.....                     | XV-3          |
| At public stockyards.....                                | VII-22              | Production.....                  | IX-24         |
| Shipments.....   | VII-22-23           | Cotton, exports.....             | XV-2          |
| Slaughter:   |                     | Dairy products:                  |               |
| Farm.....  | VII-22-23           | Exports.....                     | XV-2          |
| Under Federal inspection.....                            | VII-20, 51          | Imports.....                     | XV-3          |
| Slaughtered live weight.....                             | VII-24              | Farm:                            |               |
| Value, Dec. 1.....                                       | VII-18, 22-23       | Employment.....                  | IX-13-15      |
| Value of production.....                                 | IX-24               | Food consumption.....            | XIII-5-6      |
| <b>Hog-corn price ratio.....</b>                         | VII-22              | Input.....                       | IX-24         |
| <i>See also Pig crop and Sows.</i>                       |                     | Labor.....                       | IX-14-15      |
| <b>Hominy feed:</b>                                      |                     | Production.....                  | IX-24         |
| Average price per ton, bulk.....                         | I-49                | Real estate values per acre..... | IX-9          |
| <b>Honey:</b>  |                     | Wage rates.....                  | IX-13-15      |
| Imports for consumption.....                             | II-23               | Fats, prices.....                | III-29        |
| Number of colonies, yield, production, and stocks.....   | II-25               | Feeds:                           |               |
| Price and value.....                                     | II-25               | Exports.....                     | XV-2          |
| <b>Honeydews:</b>  |                     | Imports.....                     | XV-3          |
| Area.....  | IV-16-17, IX-22     | Fruit exports.....               | XV-2          |
| Consumption.....   | IV-31               | Grains:                          |               |
| Price.....   | IV-16-17            | Exports.....                     | XV-2          |
| Production.....  | IV-16-17, IX-23     | Imports.....                     | XV-3          |
| Shipments.....   | IV-30               | Hides, imports.....              | XV-3          |
| Value.....   | IV-16, IX-23        | Industrial production.....       | IX-1          |
| Yield.....   | IV-16, IX-22        | Livestock:                       |               |
| <b>Hops:</b>   |                     | Production.....                  | IX-24         |
| Area.....  | VI-11, IX-18        | Products, production.....        | IX-24         |
| Exports.....   | VI-12               | <b>Oils:</b>                     |               |
| Imports.....   | VI-12               | Exports.....                     | XV-2          |
| Prices, farm.....  | VI-11               | Imports.....                     | XV-3          |
| Production.....  | VI-11, IX-19        | Prices.....                      | III-29        |
| Stocks on hand.....                                      | VI-11               | <b>Oilseeds:</b>                 |               |
| Value.....   | VI-11, IX-19        | Exports.....                     | XV-2          |
| Yield.....   | VI-11, IX-18        | Imports.....                     | XV-3          |
| <b>Horses:</b>   |                     | Parity ratio.....                | IX-30         |
| Carcasses condemned.....                                 | VII-50              | <b>Prices:</b>                   |               |
| Slaughtered under Federal inspection.....                | VII-50              | Consumers'.....                  | IX-1, XIII-10 |
| <b>Horses and mules, feed consumed.....</b>              | I-47                | Paid by farmers.....             | IX-1, 31      |
| <b>Ice cream:</b>  |                     | Producer.....                    | IX-1, 30      |
| Consumption.....   | VIII-22             | Received by farmers.....         | IX-1, 27-30   |
| Disappearance.....                                       | VIII-22             | Skins, imports.....              | XV-3          |
| Production.....  | VIII-15             | Sugar, imports.....              | XV-3          |
| <b>Imports:</b>  |                     | Tobacco:                         |               |
| Agricultural products. <i>See Agricultural products,</i> |                     | Exports.....                     | XV-2          |
| <i>imports.</i>  |                     | Imports.....                     | XV-3          |
| <i>See also under specific commodities.</i>              |                     | Wool, imports.....               | XV-3          |
|  |                     | Industrial production.....       | IX-1          |
|  |                     | <b>Insurance, crop:</b>          |               |
|  |                     | Coverage.....                    | X-3-8         |
|  |                     | <b>International trade:</b>      |               |
|  |                     | Coarse grains.....               | I-44          |
|  |                     | Corn.....                        | I-30          |
|  |                     | Cotton.....                      | II-9          |
|  |                     | Meat.....                        | VII-45        |
|  |                     | Rice.....                        | I-23          |
|  |                     | Soybeans.....                    | III-19        |
|  |                     | Wheat.....                       | I-11          |

# INDEX

# INDEX-9

|  | Page              |   | Page              |
|--|-------------------|---|-------------------|
| Irrigation   |                   | Lettuce, leaf:                                    |                   |
| Land irrigated   | IX-7              | Area  | IV-18, IX-22      |
| Kale:  |                   | Consumption                                       | IV-31             |
| Frozen pack  | IV-32             | Price   | IV-18             |
| K-Early Citrus:  |                   | Production  | IV-18, IX-23      |
| Area   | V-1, IX-20        | Shipments   | IV-30             |
| Price  | V-12-13           | Value   | IX-23             |
| Production   | V-2, 12-13, IX-21 | Yield   | IX-22             |
| Value  | V-12, IX-21       | Lettuce, Romaine:                                 |                   |
| Quantity processed   | V-12              | Area  | IV-18, IX-22      |
| Kid skins:   |                   | Consumption                                       | IV-31             |
| Exports and imports  | VII-48            | Price   | IV-18             |
| Kiwifruit:   |                   | Production  | IV-18, IX-23      |
| Area   | V-1, 9, IX-20     | Shipments   | IV-30             |
| Consumption  | V-35              | Value   | IX-23             |
| Price  | V-9               | Yield   | IX-22             |
| Production   | V-2, 9, 35 IX-21  | Limes:  |                   |
| Shipments  | V-35              | Area  | V-1, IX-20        |
| Value  | V-9, IX-21        | Consumption                                       | V-37              |
| Yield  | V-9, IX-20        | Exports   | V-17              |
| Labor, farm:   |                   | Imports   | V-17              |
| Number of workers  | IX-13-15          | Prices  | V-12-13           |
| <i>See also</i> Employment, farm <i>and</i> Workers, farm.   |                   | Processed quantity                                | V-12              |
| Lamb:  |                   | Production  | V-2, 12-13, IX-21 |
| Crop   | VII-31            | Shipments   | V-35              |
| Skin:  |                   | Value   | V-12, IX-21       |
| Exports  | VII-48            | Yield   | IX-20             |
| Imports  | VII-47-48         | <i>See also</i> Citrus fruits.                    |                   |
| <i>See also</i> Lamb and mutton <i>and</i> Meat.             |                   | Linseed:  |                   |
| Lamb and mutton:   |                   | Cake and meal:                                    |                   |
| Cold-storage holdings  | VII-54            | Disappearance for feed                            | I-45              |
| Consumption  | VII-46            | Exports   | III-7             |
| Exports  | VII-48            | Imports   | III-7             |
| Imports  | VII-47, 48        | Quantity for feed                                 | I-46              |
| Lambs:   |                   | Average price per ton bulk                        | I-49              |
| Cash receipts  | VII-31-32         | Production  | III-7             |
| Marketings   | VII-31-32         | Exports, destination                              | III-7             |
| Number, Jan. 1, by classes and State                         | VII-27-30         | Meal prices                                       | III-6             |
| Prices:  |                   | Wholesale price                                   | III-30            |
| Market   | VII-31-32         | Oil:  |                   |
| Shipments  | VII-31-32         | Exports   | III-7             |
| Slaughter:   |                   | Imports   | III-26-27         |
| Farm   | VII-31-32         | Prices, market                                    | III-6             |
| Under Federal inspection                                     | VII-33            | Production  | III-7             |
| <i>See also</i> Livestock <i>and</i> Sheep <i>and</i> lambs. |                   | Stocks, June 1                                    | III-7             |
| Land:  |                   | Linters. <i>See</i> Cotton, linters.              |                   |
| Utilization:   |                   | Livestock:  |                   |
| Cropland   | IX-6, 9           | Bought, cost to farm operators                    | IX-39             |
| Economic class   | IX-3              | Grazed on national forests, and receipts          | XII-22-23         |
| Forest land  | IX-6, 9           | Number on farms                                   | VII-50            |
| In farms   | IX-7              | Prices  | VII-51-52         |
| Pasture  | IX-6, 9           | Production  | IX-24             |
| In Alaska  | XII-16            | Production, index numbers                         | IX-24             |
| Special uses   | IX-6, 9           | Products:   |                   |
| Lard:  |                   | Index numbers                                     | IX-24             |
| Consumption  | III-29, VII-46    | Production  | IX-24             |
| Disappearance  | VII-26            | Value   | IX-24             |
| Exports  | III-26, VII-26    | Slaughtered under Federal inspection              | VII-50            |
| Prices   | III-30            | Value:  |                   |
| Production   | VII-26            | Of production                                     | IX-24             |
| Stocks   | VII-26            | Total and per head                                | VII-50            |
| Supply   | VII-26            | World. <i>See specific kinds.</i>                 |                   |
| Trade  | VII-26            | Loans and debt outstanding:                       |                   |
| Used in:   |                   | Agricultural, Federal and other                   |                   |
| Food products  | III-29            | agencies  | X-9-14, 20        |
| Margarine  | III-24            | Commodity Credit Corporation                      | XI-1-8, 12        |
| Shortening   | III-25            | Economic opportunity                              | X-14              |
| Lemons:  |                   | Emergency   | X-14              |
| Area   | V-1, IX-20        | Farm real estate, of all operating banks          | X-12              |
| Consumption  | V-37              | Farmers' cooperative organizations                | X-20              |
| Exports  | V-17              | Insurance programs                                | X-3-8             |
| Imports  | V-17              | Interest:   |                   |
| Prices   | V-12-13           | Non-real estate                                   | X-13              |
| Processed, quantity  | V-12              | Rural Housing, Farmers Home Administration        | X-14              |
| Production   | V-2, 12-13, IX-21 | Rural Utilities Service                           | X-18-20           |
| Production, foreign  | V-14              | To associations                                   | X-14              |
| Shipments  | V-35              | <i>See also under specific type of commodity.</i> |                   |
| Value  | V-12, IX-21       | Loganberries:                                     |                   |
| Yield  | IX-20             | Frozen commercial pack                            | V-36              |
| <i>See also</i> Citrus fruits.                               |                   | Lumber:   |                   |
| Lespedeza seed:  |                   | Production  | XII-25            |
| Average price paid   | VI-6              | Macadamia nuts:                                   |                   |
| Lettuce:   |                   | Area  | V-1, 39, IX-20    |
| Shipments  | IV-30             | Price   | V-39              |
| Lettuce, head:   |                   | Production  | V-39, IX-21       |
| Area   | IV-17, IX-22      | Value   | V-39, IX-21       |
| Consumption  | IV-31             | Yield   | V-39, IX-20       |
| Price  | IV-17             | Machinery, farm:                                  |                   |
| Production   | IV-17, IX-23      | Number, Jan. 1                                    | IX-12             |
| Value  | IV-17, IX-23      | <i>See also</i> Farm, equipment.                  |                   |
| Yield  | IV-17, IX-22      | Macronutrients:                                   |                   |
|  |                   | Quantity available                                | XIII-1            |

INDEX-10

INDEX

|   | Page            |  | Page               |
|---|-----------------|--|--------------------|
| Maple products:   |                 | Mohair:  |                    |
| Sugar. <i>See</i> Sugar, maple.                         |                 | Price.....   | VII-40             |
| Syrup. <i>See</i> Syrup, maple.                         |                 | Price-support operations.....  | VII-40             |
| Mangoes:  |                 | Production.....  | VII-40             |
| Consumption.....  | V-38            | Value.....   | VII-40             |
| Margarine:  |                 | Molasses:  |                    |
| Consumption.....  | III-29          | Edible:  |                    |
| Disappearance, domestic.....                            | III-24          | Production and foreign trade.....                                    | II-14, 26          |
| Exports.....  | III-24, 26      | Consumption.....   | II-26              |
| Manufacture, materials used.....                        | III-24          | Industrial:  |                    |
| Prices, wholesale.....                                  | III-30          | Production, foreign trade, and consumption.....                      | II-26              |
| Production.....   | III-24          | Mules. <i>See</i> Horses and mules.                                  |                    |
| Supply.....   | III-24          | Mushrooms:   |                    |
| Marketing:  |                 | Area in production.....  | V-45               |
| Agreements and orders:                                  |                 | Specialty.....   | V-46               |
| Fruits, vegetables, and tree nuts.....                  | XI-14           | Frozen commercial pack.....  | IV-32              |
| Milk.....   | VIII-20         | Prices.....  | V-45               |
| Associations, membership and business.....              | X-17            | Sales.....   | V-45               |
| Bill for farm food products.....                        | IX-25           | Imports.....   | V-46               |
| Costs.....  | IX-25           | Value of production.....   | V-45               |
| Marketings, farm, cash receipts.....                    | IX-38, 40       | Mustardseed:   |                    |
| Meals. <i>See under specific kinds.</i>                 |                 | Area.....  | IX-18              |
| Measures:   |                 | Production.....  | IX-19              |
| Equivalent weights.....                                 | v-vii           | Value.....   | IX-19              |
| Tables, explanation.....                                | iv              | Yield.....   | IX-18              |
| Meat:   |                 | Mutton. <i>See</i> Lamb and mutton <i>and</i> Meats.                 |                    |
| Cold-storage holdings.....                              | VII-53-54       | National forests:  |                    |
| Trade, international.....                               | VII-45          | Area by States.....  | XII-16             |
| Meat meal:  |                 | Number of visitors.....  | XII-24             |
| Average price per ton bulk.....                         | I-49            | Payments to States and Puerto Rico.....                              | XII-22             |
| Meats:  |                 | Receipts.....  | XII-23             |
| Consumption.....  | VII-46          | Site visits.....   | XII-24             |
| Exports.....  | VII-43, 45      | Stock grazed on.....   | XII-22-23          |
| Imports.....  | VII-45-47       | Timber cut.....  | XII-21             |
| Production:   |                 | Viewing corridors.....   | XII-24             |
| Specified countries.....                                | VII-42          | National income.....   | IX-1               |
| United States.....                                      | VII-41          | National marketing bill for civilian purchases of food products..... | IX-25              |
| Melons  |                 | Nectarines:  |                    |
| <i>See</i> Cantaloups, Honeydews <i>and</i> Watermelons |                 | Area.....  | V-1, IX-20         |
| Milk:   |                 | Consumption.....   | V-38               |
| Condensed:  |                 | Production.....  | V-2, 22, 35, IX-21 |
| Consumption.....  | VIII-22         | Shipments.....   | V-35               |
| Disappearance.....                                      | VIII-22         | Use, price, and value.....   | V-22               |
| Exports.....  | VIII-26         | Value.....   | V-22, 35, IX-21    |
| Production, percent by size group.....                  | VIII-5          | Yield.....   | IX-20              |
| Stocks, manufacturers'.....                             | VIII-16         | Nonfood Assistance Program.....                                      | XIII-7             |
| Stocks on hand, Dec. 31.....                            | VIII-22         | Nutrients contributed by food groups.....                            | XIII-3             |
| Dry:  |                 | Nuts:  |                    |
| Nonfat:   |                 | Area, bearing.....   | V-1, IX-20         |
| Consumption.....  | VIII-22         | Cold storage.....  | V-66               |
| Disappearance.....                                      | VIII-22         | Tree:  |                    |
| Exports.....  | VIII-26         | Commercial production in foreign countries.....                      | V-38               |
| Exports, destination.....                               | VIII-26         | Supply and utilization.....  | V-37               |
| Prices.....   | VIII-28         | Oats:  |                    |
| Production.....   | VIII-15         | Area.....  | I-32-35, IX-18     |
| Stocks, manufacturers'.....                             | VIII-16         | Consumption, civilian.....   | I-40               |
| Stocks on hand, Dec. 31.....                            | VIII-22         | Crop progress.....   | XV-34              |
| Whole:  |                 | Crop ranking.....  | XV-30              |
| Consumption.....  | VIII-22         | Exports.....   | I-32               |
| Disappearance.....                                      | VIII-22         | Feed concentrates.....   | I-46               |
| Exports.....  | VIII-26         | Imports.....   | I-32               |
| Prices.....   | VIII-16         | Prices:  |                    |
| Stocks, manufacturers'.....                             | VIII-16         | Farm.....  | I-32-34            |
| Stocks on hand, Dec. 31.....                            | VIII-22         | Market.....  | I-48               |
| Evaporated:   |                 | Support operations.....  | I-33               |
| Consumption.....  | VIII-22         | Production.....  | I-32-35, IX-19     |
| Disappearance.....                                      | VIII-22         | Seed, prices paid by farmers.....                                    | VI-6               |
| Exports.....  | VIII-26         | Stocks on and off farms.....   | I-32               |
| Prices.....   | VIII-16         | Supply and disappearance.....  | I-32               |
| Stocks, manufacturers'.....                             | VIII-16         | Value.....   | I-32, 34, IX-19    |
| Stocks on hand, Dec. 31.....                            | VIII-22         | Yield.....   | I-32-35, IX-18     |
| Marketing orders, Federal.....                          | VIII-13, 17, 20 | Oil products, consumption.....                                       | III-29             |
| Prices:   |                 | Oils:  |                    |
| Farm.....   | VIII-11, 16     | Animal:  |                    |
| Received by producers.....                              | VIII-11, 16     | Used in margarine.....   | III-24             |
| Retail.....   | VIII-11         | Used in shortening.....  | III-25             |
| Producer deliveries.....                                | VIII-20         | Consumption.....   | III-29             |
| Producers, number.....                                  | VIII-20         | Disappearance.....   | III-25             |
| Production.....   | VIII-15         | Exports.....   | III-26, 28         |
| Production in specified countries.....                  | VIII-10         | Imports.....   | III-27             |
| Sales.....  | VIII-11         | Prices:  |                    |
| Supply and utilization.....                             | VIII-18-19      | Index numbers.....   | III-27             |
| Utilization.....  | VIII-9, 12      | Wholesale.....   | III-30             |
| Value.....  | VIII-12         | Production.....  | III-26             |
| Milkfat:  |                 | Stocks, Jan. 1.....  | III-24             |
| Percentage in milk.....                                 | VIII-6-8        | Supply and disposition.....  | III-24             |
| Prices, farm.....                                       | VIII-12         | Use, food and nonfood:   |                    |
| Production:   |                 | Margarine.....   | III-24             |
| Per cow.....  | VIII-6-8        | Shortening.....  | III-25             |
| Sales from farms.....                                   | VIII-11         |  |                    |
| Total.....  | VIII-17         |  |                    |
| Mill products, disappearance.....                       | I-45            |  |                    |
| Mink pelts, number produced.....                        | VII-49          |  |                    |
| Mint oil.....   | III-23          |  |                    |

# INDEX

# INDEX-11

|   | Page               |                                    | Page                 |
|---|--------------------|------------------------------------|----------------------|
| Oils—Continued  |                    | Paperboard:                        |                      |
| Vegetable:  |                    | Consumption per capita.....        | XII-26               |
| Exports.....  | III-26             | Production and consumption.....    | XII-26               |
| Imports, quantity.....                                      | III-27             | Pasture:                           |                      |
| Used in margarine.....                                      | III-24             | Feed consumed by type of feed..... | I-47                 |
| Used in shortening.....                                     | III-25             | Land value.....                    | IX-10                |
| World production.....                                       | III-26             | Cash rents.....                    | IX-11                |
| <i>See also Fats, Shortening, and under specific kinds.</i> |                    | Parity prices.....                 | IX-27                |
| Oilseed cake and meal:                                      |                    | Parity ratio.....                  | IX-31                |
| Disappearance.....  | I-45               | Parsley shipments.....             | IV-30                |
| Exports.....  | III-26             | Payments, Government.....          | IX-40                |
| Imports.....  | III-27             | Peaches:                           |                      |
| Quantity for feeding.....                                   | I-46               | Area.....                          | V-1, IX-20           |
| Feed concentrates.....                                      | I-46               | Canned:                            |                      |
| <i>See also under specific kinds.</i>                       |                    | Exports.....                       | V-23                 |
| Oilseeds:   |                    | Quantity.....                      | V-23, 24, 35         |
| Disappearance for feed.....                                 | I-45               | Dried:                             |                      |
| Exports.....  | III-26             | Exports.....                       | V-23                 |
| Imports:  |                    | Production.....                    | V-36                 |
| Index numbers.....  | XV-3               | Cold storage.....                  | V-65                 |
| Quantity.....   | III-27             | Consumption.....                   | V-37                 |
| World production.....                                       | III-26             | Exports.....                       | V-23, 25-26          |
| Okra:   |                    | Frozen.....                        | V-36                 |
| Cold storage.....   | IV-35              | Prices.....                        | V-23-24              |
| Frozen pack.....  | IV-32              | Production.....                    | V-2, 23-24, IX-21    |
| Shipments.....  | IV-30              | Shipments.....                     | V-35                 |
| Oleomargarine. <i>See</i> Margarine.                        |                    | Utilization.....                   | V-23-24, 35          |
| Olive oil:  |                    | Value.....                         | V-23, 35, IX-21      |
| Imports.....  | III-27, V-22       | Yield.....                         | IX-20                |
| Prices, wholesale.....                                      | III-30             | Peanut cake and meal:              |                      |
| Production, world.....                                      | III-24             | Production.....                    | III-8                |
| Olives:   |                    | Quantity for feeding.....          | I-46                 |
| Area.....   | V-1, IX-20         | Stocks.....                        | III-8                |
| Consumption.....  | V-37               | Peanut oil:                        |                      |
| Imports.....  | V-22               | Exports.....                       | III-8, 26            |
| Prices.....   | V-22               | Imports.....                       | III-8, 27            |
| Production.....   | V-2, 22, IX-21     | Production and stocks.....         | III-8, 9             |
| Utilization.....  | V-22, 35           | Peanuts:                           |                      |
| Value.....  | V-22, 35, IX-21    | Area.....                          | III-8, 10, 12, IX-18 |
| Yield.....  | IX-20              | Cold storage.....                  | V-66                 |
| Onions:   |                    | Consumption.....                   | III-9                |
| Area.....   | IV-19, IX-22       | Crop progress.....                 | XV-34                |
| Cold storage.....   | IV-36              | Crop ranking.....                  | XV-30                |
| Consumption.....  | IV-31              | Crushed.....                       | III-8, 9             |
| Exports.....  | IV-18              | Disappearance.....                 | III-9-10             |
| Frozen commercial pack.....                                 | IV-32              | Disappearance for feed.....        | I-45                 |
| Imports.....  | IV-18              | Disposition.....                   | III-9                |
| Loss.....   | IV-19              | Exports.....                       | III-8-9, 26          |
| Prices.....   | IV-19              | Foreign production.....            | III-12               |
| Production.....   | IV-19, IX-23       | Imports.....                       | III-8, 27            |
| Shipments.....  | IV-30              | Milled.....                        | III-8                |
| Shrinkage.....  | IV-19              | Prices:                            |                      |
| Value.....  | IV-19, IX-23       | Cleaned.....                       | III-11               |
| Yield.....  | IV-19, IX-22       | Farm.....                          | III-8, 11            |
| Onion rings:  |                    | Shelled.....                       | III-11               |
| Cold storage.....   | IV-36              | Support operations.....            | III-11               |
| Orange juice:   |                    | Production.....                    | III-8, 10, 12, IX-19 |
| Concentrated pack.....                                      | V-15               | Seed, prices paid by farmers.....  | VI-6                 |
| Frozen, cold-storage stocks.....                            | V-64               | Stocks on hand.....                | III-8                |
| Oranges:  |                    | Supply.....                        | III-8, 9             |
| Area.....   | V-1, IX-20         | Utilization, shelled.....          | III-9, 10            |
| Consumption.....  | V-37               | Value.....                         | III-8, 11, IX-19     |
| Exports.....  | V-15-16            | Yield.....                         | III-8, 10, 12, IX-18 |
| Imports.....  | V-15               | Pears:                             |                      |
| Prices.....   | V-12-13            | Area.....                          | V-1, IX-20           |
| Processed, quantity.....                                    | V-12               | Canned:                            |                      |
| Production.....   | V-2, 12-13, IX-21  | Exports.....                       | V-27                 |
| Production, foreign.....                                    | V-14               | Cold storage.....                  | V-64                 |
| Shipments.....  | V-35               | Consumption.....                   | V-37                 |
| Value.....  | V-12, IX-21        | Dried:                             |                      |
| Yield.....  | IX-20              | Exports.....                       | V-27                 |
| <i>See also Citrus fruits.</i>                              |                    | Production.....                    | V-27, 36             |
| Orchardgrass:   |                    | Exports.....                       | V-27                 |
| Average price paid.....                                     | VI-6               | Imports.....                       | V-27                 |
| Palm kernel oil:  |                    | Prices:                            |                      |
| Imports.....  | III-27             | Farm.....                          | V-27                 |
| Production, world.....                                      | III-26             | Production.....                    | V-2, 27-29, IX-21    |
| Palm oil:   |                    | Production by country.....         | V-28                 |
| Imports.....  | III-27             | Shipments.....                     | V-35                 |
| Prices, wholesale.....                                      | III-30             | Utilization.....                   | V-27, 29, 35         |
| Production, world.....                                      | III-26             | Value.....                         | V-27, 35, IX-21      |
| Papayas:  |                    | Yield.....                         | IX-20                |
| Area.....   | V-1, 29, IX-20     | Peas:                              |                      |
| Consumption.....  | V-37               | Blackeye, frozen pack.....         | IV-32                |
| Prices.....   | V-29               | Cold storage.....                  | IV-36                |
| Production.....   | V-2, 29, 35, IX-21 | Dry:                               |                      |
| Shipments.....  | V-35               | Exports.....                       | VI-10                |
| Utilization.....  | V-29               | Shipments.....                     | IV-30                |
| Value.....  | V-29, IX-21        |                                    |                      |
| Yield.....  | IX-20              |                                    |                      |
| Paper:  |                    |                                    |                      |
| Consumption per capita.....                                 | XII-26             |                                    |                      |
| Production and consumption.....                             | XII-26             |                                    |                      |

|   | Page                 |   | Page                |
|---|----------------------|---|---------------------|
| Green:                                  |                      | Potatoes:   |                     |
| Area.....                               | IV-20, IX-22         | Area.....   | IV-21-22, IX-18     |
| Cold storage.....                       | IV-36                | Cold storage.....                                 | IV-32               |
| Price.....                              | IV-20                | Consumption.....                                  | IV-31, 34           |
| Production.....                         | IV-20, IX-23         | Crop ranking.....                                 | XV-30               |
| Shipments.....                          | IV-30                | Exports.....                                      | IV-26               |
| Value.....                              | IV-20, IX-23         | Farm disposition.....                             | IV-21, 25           |
| Yield.....                              | IV-20, IX-22         | French fries, frozen.....                         | IV-23               |
| Canned:                                 |                      | Frozen pack.....                                  | IV-32               |
| Consumption.....                        | IV-33-34             | Imports.....                                      | IV-26               |
| Frozen pack.....                        | IV-32                | Prices, farm.....                                 | IV-21-22            |
| Prices.....                             | IV-20                | Production.....                                   | IV-21-22, 25, IX-19 |
| Pecans:                                 |                      | Seed, prices paid by farmers.....                 | VI-6                |
| Cold storage.....                       | V-66                 | Shipments.....                                    | IV-21, 23           |
| Exports.....                            | V-41                 | Stocks.....                                       | IV-26               |
| Imports.....                            | V-41                 | Trade, foreign.....                               | IV-24               |
| Prices.....                             | V-40                 | Utilization.....                                  | IV-21, IX-19        |
| Production.....                         | V-40, IX-21          | Value.....  | IV-21-22, IX-18     |
| Value.....                              | V-40, IX-21          | Yield.....  | IV-21-22, IX-18     |
| Peppermint:                             |                      | Poultry:  |                     |
| Area.....                               | III-23, IX-18        | Cold-storage holdings.....                        | VIII-44             |
| Farm price.....                         | III-23               | Consumption per capita.....                       | XIII-5              |
| Production.....                         | III-23, IX-19        | Exports.....                                      | VIII-32             |
| Value.....                              | III-23, IX-19        | Feed consumed.....                                | I-47                |
| Yield.....                              | III-23, IX-18        | Imports.....                                      | VIII-32             |
| Pepper, green:                          |                      | Production in specified countries.....            | VIII-33             |
| Area.....                               | IV-20, IX-22         | Slaughtered under Federal inspection.....         | VIII-37             |
| Consumption.....                        | IV-31                | <i>See also</i> Chickens, Chicks, and Turkeys.    |                     |
| Frozen pack.....                        | IV-32                | Poultry-fed price ratios.....                     | VIII-35             |
| Price.....                              | IV-20                | Price index, consumers', by groups and years..... | IX-16               |
| Production.....                         | IV-20, IX-23         | Price support:                                    |                     |
| Shipments.....                          | IV-30                | Commodities owned.....                            | XI-1                |
| Value.....                              | IX-23                | Commodities under loan.....                       | XI-2                |
| Yield.....                              | IX-22                | Operations, investment in.....                    | XI-8                |
| Pepper, chili:                          |                      | Prices:   |                     |
| Consumption.....                        | IV-33                | Consumer, index numbers.....                      | IX-24               |
| Persimmons:                             |                      | Farm product.....                                 | IX-27-29            |
| Shipments.....                          | V-34                 | Index numbers.....                                | IX-30               |
| Pesticides:                             |                      | Paid by farmers.....                              | IX-1, 31, 32-35     |
| Acres receiving applications.....       | XIV-2,4,6-8,11,13-14 | Parity ratio.....                                 | IX-30               |
| Pickles:                                |                      | Producer, index numbers.....                      | IX-30               |
| Canned pack.....                        | IV-33                | Received by farmers, index numbers.....           | IX-1, 30-31         |
| Pig crop.....                           | VII-19, 21           | Production:                                       |                     |
| <i>See also</i> Hogs and Sows.          |                      | Credit associations, loans.....                   | XI-2                |
| Pineapples:                             |                      | Expenses of farmers.....                          | IX-39               |
| Area.....                               | V-1, 26, IX-20       | Operating loans.....                              | X-20                |
| Consumption.....                        | V-37                 | Index numbers.....                                | IX-16, 24           |
| Price.....                              | V-26                 | Proso millet:                                     |                     |
| Production.....                         | V-2, 26, IX-21       | Area.....   | I-50, IX-18         |
| Shipments.....                          | V-35                 | Production.....                                   | I-50, IX-19         |
| Utilization.....                        | V-26, 35             | Value.....  | I-50, IX-19         |
| Value.....                              | V-26, 35, IX-21      | Yield.....  | I-50, IX-18         |
| Pistachios:                             |                      | Prunes:   |                     |
| Area.....                               | V-1, 41, IX-20       | Area.....   | IX-20               |
| Price.....                              | V-41                 | Canned:   |                     |
| Production.....                         | V-41, IX-21          | Quantity.....                                     | V-30                |
| Value.....                              | V-41, IX-21          | Dried:  |                     |
| Yield.....                              | V-41, IX-20          | Exports.....                                      | V-32                |
| Plums:                                  |                      | Farm price.....                                   | V-31                |
| Area.....                               | IX-20                | Imports.....                                      | V-33                |
| Canned:                                 |                      | Production.....                                   | V-36                |
| Disposition.....                        | V-30                 | Quantity.....                                     | V-30                |
| Quantity.....                           | V-30                 | Exports.....                                      | V-30                |
| Frozen, commercial pack.....            | V-36                 | Frozen:   |                     |
| Prices, farm.....                       | V-30                 | Pack.....   | V-36                |
| Production.....                         | V-2, 30, IX-21       | Quantity.....                                     | V-30                |
| Shipments.....                          | V-35                 | Imports.....                                      | V-30                |
| Utilization.....                        | V-30                 | Prices, farm.....                                 | V-2, 30, IX-21      |
| Value.....                              | V-30, IX-21          | Production.....                                   | V-2, 30, IX-21      |
| Yield.....                              | IX-20                | Shipments.....                                    | V-35                |
| Pomegranates:                           |                      | Utilization.....                                  | V-30                |
| Shipments.....                          | V-35                 | Value.....  | V-30, IX-21         |
| Poppy seed, imports.....                | III-27               | Yield.....  | IX-20               |
| Population:                             |                      | Pullets, number, Dec. 1.....                      | VIII-31-32          |
| Eating from civilian food supplies..... | XIII-1               | Pulewood consumption.....                         | XII-26              |
| Pork:                                   |                      | Pumpkin:  |                     |
| Cold-storage holdings.....              | VII-54               | Consumption.....                                  | IV-31               |
| Consumption.....                        | VII-46               | Frozen pack.....                                  | IV-32-33            |
| Exports.....                            | VII-43               | Purees, noncitrus:                                |                     |
| Imports.....                            | VII-43-44            | Frozen commercial pack.....                       | V-36                |
| Income from, cash and gross.....        | VII-22-23            | Radishes:   |                     |
| Production:                             |                      | Consumption.....                                  | IV-31               |
| Specified countries.....                | VII-42               | Shipments.....                                    | IV-30               |
| United States.....                      | VII-41               | Raisins:  |                     |
|   |                      | Consumption.....                                  | V-37                |
|   |                      | Exports.....                                      | V-21                |
|   |                      | Imports.....                                      | V-21                |
|   |                      | Production.....                                   | V-19-20, 36         |
|   |                      | Rams:   |                     |
|   |                      | Number, Jan 1.....                                | VII-27-28           |
|   |                      | Rapeseed:   |                     |
|   |                      | Area.....   | IX-18               |
|   |                      | Production.....                                   | IX-19               |
|   |                      | Value.....  | IX-19               |
|   |                      | Yield.....  | IX-18               |



# INDEX

INDEX-13

|   | Page                   |   | Page            |
|---|------------------------|---|-----------------|
| Rapeseed—Continued                              |                        | Sheep—Continued                                       |                 |
| Oil:  |                        | Slaughter:  |                 |
| Imports .....                                   | III-27                 | Farm .....  | VII-31          |
| Prices, market .....                            | III-30                 | Under Federal inspection .....                        | VII-33, 50      |
| Production .....                                | III-26                 | <i>See also</i> Sheep and lambs <i>and</i> Livestock. |                 |
| Raspberries:                                    |                        | Sheep and lambs:                                      |                 |
| Frozen cold pack .....                          | V-36                   | Breeding .....  | VII-28-29, 34   |
| Cold storage .....                              | V-35                   | Breeding inventory .....                              | VII-34          |
| Real estate, farm:                              |                        | Carcasses condemned .....                             | VII-50          |
| Debt:   |                        | Disposition .....                                     | VII-31-32       |
| Outstanding, by regions and total .....         | X-9                    | Income .....  | VII-31-32       |
| Loans:  |                        | Number:   |                 |
| Farmers Home Administration .....               | X-14                   | Jan. 1, by classes and States .....                   | VII-27-28       |
| Value:  |                        | Shorn for wool .....                                  | VII-35, 38      |
| By States .....                                 | IX-9                   | Specified countries .....                             | VII-27          |
| Index number .....                              | IX-24                  | Operations .....                                      | VII-34          |
| Refrigeration, warehouse space .....            | XV-27                  | Prices, farm .....                                    | VII-31          |
| Apple and pear storage .....                    | XV-27                  | Production .....                                      | VII-31-32       |
| General storage .....                           | XV-28                  | Receipts at public stockyards .....                   | VII-31          |
| Rhubarb, frozen pack .....                      | IV-32                  | Shipments .....                                       | VII-31-32       |
| Rice:   |                        | Skins:  |                 |
| Area .....                                      | I-16, 18, 21-22, IX-18 | Exports .....   | VII-48          |
| Consumption .....                               | I-40                   | Imports .....   | VII-47-48       |
| Crop progress .....                             | XV-32                  | Slaughter:  |                 |
| Crop ranking .....                              | XV-30                  | Farm .....  | VII-33          |
| By length of grain:                             |                        | Under Federal inspection .....                        | VII-33          |
| Area .....                                      | I-16, 18               | Value:  |                 |
| Production .....                                | I-16, 18               | Jan. 1 .....  | VII-27          |
| Stocks .....                                    | I-17, 19               | Of production .....                                   | VII-31-32       |
| Yield .....                                     | I-16, 18               | <i>See also</i> Lambs, Livestock, <i>and</i> Sheep.   |                 |
| Disappearance .....                             | I-17                   | Shortening:   |                 |
| Exports:  |                        | Consumption:  |                 |
| Destination .....                               | I-20                   | Civilian .....  | III-29          |
| Imports .....                                   | I-17, 23               | Disappearance .....                                   | III-25          |
| Prices:   |                        | Exports .....   | III-25          |
| Farm .....                                      | I-16, 19               | Manufacture, fats and oils used .....                 | III-25          |
| Market .....                                    | I-24                   | Production .....                                      | III-25          |
| Support operations .....                        | I-20                   | Supply .....  | III-25          |
| Production .....                                | I-16, 18, 21-22, IX-19 | <i>See also</i> Fats <i>and</i> Oils.                 |                 |
| Seeds, average price paid .....                 | VI-6                   | Skins:  |                 |
| Stocks .....                                    | I-16-17, 19            | Exports .....   | VII-48          |
| Supply .....                                    | I-17                   | Imports .....   | VII-47-48       |
| Trade, international .....                      | I-23                   | Index numbers, imports .....                          | XV-3            |
| Value .....                                     | I-16, 19, IX-19        | Mink pelts produced .....                             | VII-49          |
| Yield .....                                     | I-16, 18, 21-22, IX-18 | Snuff:  |                 |
| Rural Utilities Service:                        |                        | Consumption .....                                     | II-35           |
| Borrowers, status of .....                      | X-19                   | Manufactured .....                                    | II-35           |
| Electric borrowers .....                        | X-20                   | Soap:   |                 |
| Expenses .....                                  | X-20                   | Fats and oils used in .....                           | III-29          |
| Loans .....                                     | X-18-19                | Per capita .....                                      | III-29          |
| Services .....                                  | X-18                   | Market price .....                                    | III-30          |
| Rye:  |                        | Softwoods, production .....                           | XII-25          |
| Area .....                                      | I-13, 14-15, IX-18     | Soil, conservation:                                   |                 |
| Consumption, civilian .....                     | I-40                   | Districts:  |                 |
| Disappearance .....                             | I-13                   | State participation .....                             | XII-14          |
| Exports .....                                   | I-13                   | Flood prevention operations .....                     | XII-15          |
| Feed concentrates .....                         | I-46                   | Great Plains .....                                    | XII-15          |
| Flour, consumption per capita .....             | I-40                   | Watershed improvements .....                          | XII-15          |
| Imports .....                                   | I-13                   | Sorghum:  |                 |
| Prices:   |                        | Area .....  | I-41-42, IX-18  |
| Farm .....                                      | I-13, 14               | Crop progress .....                                   | XV-32           |
| Market .....                                    | I-13, 24               | Crop ranking .....                                    | XV-30           |
| Support operations .....                        | I-13                   | Feed concentrates .....                               | I-46            |
| Production .....                                | I-13-15, IX-19         | Grain:  |                 |
| Supply .....                                    | I-13                   | Disappearance .....                                   | I-41            |
| Value .....                                     | I-13, 14, IX-19        | Exports .....   | I-41            |
| Yield .....                                     | I-13-15, IX-18         | Prices, farm .....                                    | I-41, 43        |
| Ryegrass seed:                                  |                        | Prices, market .....                                  | I-48            |
| Average price paid .....                        | VI-6                   | Stocks on and off farms .....                         | I-41            |
| Safflower:                                      |                        | Silage .....  | I-41-42         |
| Area .....                                      | IX-18                  | Supply .....  | I-41            |
| Production .....                                | IX-19                  | Support operations .....                              | I-43            |
| Value .....                                     | IX-19                  | Production .....                                      | I-41-42, IX-19  |
| Yield .....                                     | IX-18                  | Seed, prices paid by farmers .....                    | VI-6            |
| Safflower oil:                                  |                        | Value .....   | I-41, 43, IX-19 |
| Wholesale price .....                           | III-30                 | Yield .....   | I-41-42, IX-18  |
| School lunch programs, quantity and costs ..... | XIII-7                 | Southern greens:                                      |                 |
| Seeds:  |                        | Cold storage .....                                    | IV-36           |
| Bought, cost to farm operators .....            | IX-39                  | Sows:   |                 |
| Field:  |                        | Farrowing .....                                       | VII-19, 21      |
| Prices, paid by farmers .....                   | VI-6                   | Slaughter .....                                       | VII-24          |
| <i>See also under specific kinds.</i>           |                        | <i>See also</i> Hogs <i>and</i> Pigs.                 |                 |
| Sesame seed, oil imports .....                  | III-27                 | Soybean cake and meal:                                |                 |
| Sheep:  |                        | Cake and meal stocks, production, and exports .....   | III-15, 18      |
| Feed consumed per head and unit .....           | I-47                   | Disappearance for feed .....                          | I-45            |
| Marketings .....                                | VII-31                 | Meal, prices .....                                    | III-13          |
| Number in specified countries .....             | VII-27                 | Soybean oil:  |                 |
| Number, Jan. 1 .....                            | VII-27                 | Exports .....   | III-18, 26      |
| Prices:   |                        | Prices:   |                 |
| Farm .....                                      | VII-31                 | Market .....  | III-13          |
| Market .....                                    | VII-28, 31             | Wholesale .....                                       | III-30          |
| Shipments .....                                 | VII-31                 | Production .....                                      | III-15          |
|   |                        | Stocks .....  | III-15, 26      |

INDEX-14

INDEX

|  | Page                     |  | Page                |
|--|--------------------------|--|---------------------|
| Soybean oil—Continued  |                          | Sugarbeets:                            |                     |
| Used in—   |                          | Area.....                              | II-13, IX-18        |
| Drying-oil industries.....   | III-27                   | Prices, farm.....                      | II-13               |
| Margarine.....   | III-24                   | Production.....                        | II-13, 18, IX-19    |
| Shortening.....  | III-25                   | Shipments.....                         | II-19               |
| Soybeans:  |                          | Value.....                             | II-13, IX-19        |
| Area.....  | III-13, 15, 16-17, IX-18 | Yield.....                             | II-13, IX-18        |
| Crop insurance.....  | X-7                      | See also Beets.                        |                     |
| Crop progress.....   | XV-33                    | Sugarcane:                             |                     |
| Crop ranking.....  | XV-30                    | Area.....                              | II-14-15, IX-18     |
| Crushed.....   | III-15                   | Area, production, and yield:           |                     |
| Exports.....   | III-14-15, 18-19, 26     | In Hawaii.....                         | II-15               |
| Imports.....   | III-19, 27               | Prices, farm.....                      | II-14               |
| Prices:  |                          | Production for sugar and seed.....     | II-14-15, 18, IX-19 |
| Farm and Market.....   | III-13, 16               | Shipments.....                         | II-19               |
| Seed prices.....   | VI-6                     | Value.....                             | II-14, IX-19        |
| Support operations.....  | III-14                   | Yield per acre.....                    | II-14-15, IX-18     |
| Production.....  | III-13, 15-17, IX-19     | Sunflower:                             |                     |
| Seed, prices paid by farmers.....                                    | VI-6                     | Area.....                              | III-20-21, IX-18    |
| Stocks on and off farms.....   | III-13-14                | Cake and meal.....                     | III-7               |
| Supply and disappearance.....  | III-14                   | Disappearance for feed.....            | I-45                |
| Trade, international.....  | III-19                   | Meal, quantity for feeding.....        | I-46                |
| Value.....   | III-13, 16, IX-19        | Price.....                             | III-20-21           |
| Yield.....   | III-13, 15-17, IX-18     | Price for oil, wholesale.....          | III-30              |
| Sparmint:  |                          | Production.....                        | III-20-21, IX-19    |
| Area.....  | III-23, IX-18            | Seed, average price paid.....          | VI-6                |
| Price.....   | III-23, IX-19            | Value.....                             | III-20-21, IX-19    |
| Production.....  | III-23, IX-19            | Yield.....                             | III-20-21, IX-18    |
| Value.....   | III-23, IX-19            | Sunflower seed.....                    | III-7, 22           |
| Yield.....   | III-23, IX-18            | Support prices, commodity.....         | IX-36-37            |
| Special Milk Program.....  | XIII-8                   | Sweet potatoes:                        |                     |
| Spinach:   |                          | Area.....                              | IV-27, IX-18        |
| Cold storage.....  | IV-36                    | Consumption.....                       | IV-31               |
| Consumption.....   | IV-31, 33                | Prices.....                            | IV-27               |
| Frozen pack.....   | IV-32                    | Production.....                        | IV-27, IX-19        |
| Shipments.....   | IV-30                    | Shipments.....                         | IV-30               |
| Spinach, fresh:  |                          | Value.....                             | IV-27, IX-19        |
| Area.....  | IV-26, IX-22             | Yield.....                             | IV-27, IX-18        |
| Price.....   | IV-26                    | Syrup:                                 |                     |
| Production.....  | IV-26, IX-23             | Corn:                                  |                     |
| Value.....   | IX-23                    | Consumption, civilian, per capita..... | I-40                |
| Yield.....   | IX-22                    | Tall fescue seed:                      |                     |
| Spinach, processing:   |                          | Average price paid.....                | VI-6                |
| Area.....  | IV-27, IX-22             | Tallow:                                |                     |
| Price.....   | IV-27                    | Edible:                                |                     |
| Production.....  | IV-27, IX-23             | Prices.....                            | III-30              |
| Value.....   | IX-23                    | Production, world.....                 | III-26              |
| Yield.....   | IX-22                    | Inedible:                              |                     |
| Squash:  |                          | Disposition.....                       | III-25              |
| Cold storage.....  | IV-36                    | Exports.....                           | III-25-26           |
| Consumption.....   | IV-31                    | Factory consumption.....               | III-25              |
| Frozen pack.....   | IV-32-33                 | Production.....                        | III-25              |
| Shipments.....   | IV-30                    | Supply.....                            | III-25              |
| Stags:   |                          | Tallow oil, prices, wholesale.....     | III-30              |
| Slaughter under Federal inspection.....                              | VII-12                   | Tangelos:                              |                     |
| Stags and boars:   |                          | Area.....                              | V-1, IX-20          |
| Number slaughtered.....  | VII-24                   | Concentrate.....                       | V-37                |
| Steers:  |                          | Quantity processed.....                | V-12                |
| Average dressed weight.....  | VII-13                   | Price.....                             | V-12-13             |
| Beef, prices, market.....  | VII-8                    | Production.....                        | V-2, 12-13, IX-21   |
| Number, Jan. 1.....  | VII-1, 4                 | Shipments.....                         | V-35                |
| Slaughter under Federal inspection.....                              | VII-12                   | Value.....                             | V-12, IX-21         |
| Storage:   |                          | Yield.....                             | IX-20               |
| General.....   | XV-28                    | Tangerine, juice, pack.....            | V-15, 38            |
| Strawberries:  |                          | Tangerines:                            |                     |
| Area.....  | V-1, 33-34, IX-20        | Area.....                              | IX-20               |
| Cold storage.....  | V-65                     | Exports.....                           | V-17                |
| Consumption.....   | V-38                     | Imports.....                           | V-17                |
| Frozen pack.....   | V-37                     | Quantity processed.....                | V-12                |
| Prices, farm.....  | V-33-34                  | Prices.....                            | V-12-13             |
| Production.....  | V-2, 33-35, IX-21        | Production.....                        | V-2, 12-13, IX-21   |
| Shipments.....   | V-35                     | Production, specified countries.....   | V-14                |
| Value.....   | V-33-35, IX-21           | Value.....                             | V-12-13, IX-21      |
| Yield.....   | V-33, IX-20              | Yield.....                             | IX-20               |
| Sudangrass seed:   |                          | Tankage and meat meal:                 |                     |
| Average price paid.....  | VI-6                     | Disappearance for feed.....            | I-45                |
| Sugar:   |                          | Taro:                                  |                     |
| Consumption.....   | II-18                    | Area.....                              | IV-28, IX-18        |
| Exports.....   | II-18-20                 | Production.....                        | IV-28, IX-19        |
| Foreign stocks.....  | II-18, 22                | Price.....                             | IV-28               |
| Imports.....   | II-18, 20-21             | Value.....                             | IV-28, IX-19        |
| Imports, index numbers.....  | XV-3                     | Yield.....                             | IX-18               |
| Marketings, by source.....   | II-18                    | Tea:                                   |                     |
| Mills, stocks, receipts, and deliveries.....                         | II-17                    | Imports, origin.....                   | V-45                |
| Prices:  |                          | Temples:                               |                     |
| Retail, United States.....   | II-17                    | Area.....                              | V-1, IX-20          |
| Wholesale, at New York.....  | II-17                    | Consumption.....                       | V-38                |
| Production.....  | II-14                    | Quantity processed.....                | V-12                |
| Production, world.....   | II-16                    | Price.....                             | V12-13              |
| Stocks, production, and deliveries.....                              | II-17                    | Production.....                        | V-2, 12-13, IX-21   |
| Stocks, production, trade, and supply available for consumption..... | II-18                    | Shipments.....                         | V-35                |
| Stocks, receipts, meltings, and deliveries.....                      | II-15, 17                | Value.....                             | V-2, 12, IX-21      |
| Trade, international.....  | II-20                    | Yield.....                             | IX-20               |

# INDEX

# INDEX-15

|  | Page            |   | Page                                    |
|--|-----------------|---|---|
| Timber:  |                 | Utilization of farm commodities:                        |   |
| Cut.....   | XII-21          | Apples.....   | V-5                                     |
| Prices.....  | XII-24, 26      | Apricots.....   | V-7                                     |
| Products.....  | XII-18, 25-26   | Cherries.....   | V-11                                    |
| Removals and growth.....                             | XII-18          | Grapes.....   | V-20                                    |
| Volume.....  | XII-17-193      | Land.....   | IX-6                                    |
| Timothy seed, prices.....                            | VI-6            | Milk.....   | VIII-18-19                              |
| Tobacco:   |                 | Olives.....   | V-22                                    |
| Area.....  | II-27-33, IX-18 | Peaches.....  | V-23                                    |
| Chewing:   |                 | Pears.....  | V-27, 29                                |
| Manufactured.....                                    | II-36           | Plums and prunes.....                                   | V-30                                    |
| Consumption.....                                     | II-35, 38       | Total index.....  | IX-24                                   |
| Crop ranking.....                                    | XV-30           | <i>See also individual items.</i>                       |   |
| Disappearance.....                                   | II-30-33        | Value of agricultural commodities:                      |   |
| Exports:   |                 | Crops:  |   |
| Destination.....                                     | II-42-44        | Principal.....  | IX-19, 21, 23                           |
| Index numbers.....                                   | XV-2            | Specific.....   | <i>See under name of specific crop.</i> |
| Imports:   |                 | Vegetable.....  | IV-2, 5                                 |
| Index numbers.....                                   | XV-3            | Exports.....  | XV-3, 4-5, 7-8                          |
| Origin.....  | II-39           | Imports.....  | XV-2, 5-6, 9                            |
| Prices:  |                 | Livestock.....  | VII-50                                  |
| Farm.....  | II-27, 30-33    | Veal:   |   |
| Support operations.....                              | II-38           | Consumption.....  | VII-46                                  |
| Production.....                                      | II-27-33, IX-19 | Production.....   | VII-41, 46                              |
| Products:  |                 | <i>See also Beef, Beef and Veal, and Meats.</i>         |   |
| Consumption.....                                     | II-35           | Vegetable fats and oils:                                |   |
| Manufactured.....                                    | II-36-37        | Fats. <i>See</i> Fats, vegetable.                       |   |
| Smoking:   |                 | Oils. <i>See</i> Oils, vegetable.                       |   |
| Consumption.....                                     | II-35           | Vegetables:   |   |
| Manufactured.....                                    | II-37           | Area.....   | IV-2-3, IX-22                           |
| Stocks.....  | II-30-35        | Canned:   |   |
| Supply.....  | II-30-33        | Consumption.....  | IV-34                                   |
| Trade, international.....                            | II-39-41        | Exports, index numbers.....                             | XV-2                                    |
| Value.....   | II-27, IX-19    | Frozen:   |   |
| World area and production.....                       | II-27-29        | Cold-storage stocks.....                                | IV-35                                   |
| Yield.....   | II-27-33, IX-18 | Consumption.....  | IV-34                                   |
| Trade, foreign:                                      |                 | Pack.....   | IV-32                                   |
| Value of total agricultural exports and imports..... | XV-2            | Per capita consumption.....                             | IV-31                                   |
| Value of exports.....                                | XV-4-5          | Percent of acres receiving applications-fertilizer..... | IV-14                                   |
| Value of imports.....                                | XV-5-6          | Orders, marketing.....                                  | XI-12                                   |
| <i>See also Cigarettes, Cigars, and Snuff.</i>       |                 | Production.....   | IV-2, 4, IX-23                          |
| Tomato products:                                     |                 | Shipments.....  | IV-30                                   |
| Catsup exports.....                                  | IV-28           | Value.....  | IV-2, 5, IX-23                          |
| Juice:   |                 | Yield.....  | IX-22                                   |
| Exports.....   | IV-28           | <i>See also under specific kinds.</i>                   |   |
| Paste:   |                 | Vitamins:   |   |
| Exports and imports.....                             | IV-28           | Quantity available.....                                 | XIII-2                                  |
| Tomatoes:  |                 | Wages, farm:  |   |
| Area.....  | IV-28-29, IX-22 | Average earnings received.....                          | IX-17                                   |
| Canned:  |                 | Rates.....  | IX-14-15                                |
| Consumption.....                                     | IV-31, 33       | Walnuts, English:                                       |   |
| Exports.....   | IV-28           | Area.....   | V-1, 41, IX-20                          |
| Imports.....   | IV-28           | Exports.....  | V-41                                    |
| Prices.....  | IV-28-29        | Imports.....  | V-41                                    |
| Production.....                                      | IV-28-29, IX-23 | Prices.....   | V-41                                    |
| Shipments.....                                       | IV-30           | Production in foreign countries.....                    | V-38                                    |
| Cherry and Plum tomatoes, shipments.....             | IV-30           | Production.....   | V-41, IX-21                             |
| Value.....   | IV-28, IX-23    | Value.....  | V-41, IX-21                             |
| Yield.....   | IV-28, IX-22    | Yield.....  | V-41, IX-20                             |
| Trade, international:                                |                 | Warehouse space, refrigerated.....                      | XV-27-28                                |
| Corn.....  | I-30            | Water conservation. <i>See</i> Conservation.            |   |
| Cotton.....  | II-9            | Watermelons:  |   |
| Course grains.....                                   | I-44            | Area.....   | IV-33, IX-20                            |
| Meat.....  | VII-45          | Consumption.....  | IV-31                                   |
| Rice.....  | I-23            | Price.....  | IV-33                                   |
| Soybeans.....  | III-19          | Production.....   | IV-33, IX-21                            |
| Sugar.....   | II-21           | Shipments.....  | IV-30                                   |
| Tobacco.....   | II-39           | Value.....  | IX-21                                   |
| Wheat and flour.....                                 | I-11            | Yield.....  | IX-20                                   |
| Tree planting:                                       |                 | Watershed improvements of Natural Resources             |   |
| Acres seeded.....                                    | XII-16          | Conservation Service.....                               | XII-15                                  |
| Acres of tree plantings.....                         | XII-16          | Weights:  |   |
| Trout.....   |                 | Equivalent measures.....                                | v-vii                                   |
| Operation and sales.....                             | XV-24           | Tables, explanation.....                                | iv                                      |
| Truck crops. <i>See</i> Vegetable crops.             |                 | Wheat:  |   |
| Tung oil:  |                 | Area.....   | I-1-2, 5-6, 8-10, IX-18                 |
| Imports.....   | III-27          | Cereal, consumption per capita.....                     | I-40                                    |
| Prices, wholesale.....                               | III-30          | Consumption.....  | I-40                                    |
| Turkeys:   |                 | Crop insurance.....                                     | X-9                                     |
| Cold storage.....                                    | VIII-44         | Crop progress.....                                      | XV-31                                   |
| Consumption:   |                 | Crop ranking.....                                       | XV-30                                   |
| Per capita and total.....                            | VIII-38         | Disappearance.....                                      | I-4-5                                   |
| Feed price ratio.....                                | VIII-35         | Exports.....  | I-5, 11-12                              |
| Number raised.....                                   | VIII-38-39      | Feed concentrate.....                                   | I-46                                    |
| Placed.....  | VIII-40         | Flour:  |   |
| Prices.....  | VIII-38-39      | Consumption, civilian, per capita.....                  | I-40                                    |
| Production.....                                      | VIII-38-39      | Exports, destination.....                               | I-12                                    |
| Raised, feed consumed per head and unit.....         | I-47            | Imports.....  | I-5, 10-12                              |
| Sales.....   | VIII-38         | Loan program, Commodity Credit                          |   |
| Supply and distribution.....                         | VIII-38         | Corporation.....  | XI-1                                    |
| Tested for pullorum disease.....                     | VIII-38         |   |   |
| Turnip greens, frozen pack.....                      | IV-32           |   |   |
| Shipments.....                                       | IV-30           |   |   |

INDEX-16

INDEX

|  | Page                    |                                   | Page          |
|--|-------------------------|-----------------------------------|---------------|
| Wheat—Continued                                    |                         | Wool:                             |               |
| Prices:  |                         | Consumption, total.....           | VII-36-37     |
| Farm .....   | I-1-2, 7                | Imports:                          |               |
| Market.....  | I-24                    | By grades.....                    | VII-36        |
| Support operations.....                            | I-7                     | Index numbers.....                | XV-3          |
| Production .....                                   | I-1-2, 4-6, 8-9, IX-19  | Origin.....                       | VII-37        |
| Seed, price paid by farmers .....                  | VI-6                    | Quantity for consumption .....    | VII-36        |
| Stocks:  |                         | Prices:                           |               |
| On and off farms.....                              | I-3                     | Delivered to U.S. mills .....     | VII-37        |
| Supply.....  | I-4-5                   | Farm .....                        | VII-35, 39    |
| Trade, international .....                         | I-11                    | Price-support operations .....    | VII-35        |
| Value.....   | I-1-2, 7, IX-19         | Production, shorn.....            | VII-35, 38    |
| Yield .....  | I-1-2, 5-6, 8-10, IX-18 | Value and weight per fleece ..... | VII-35, 38-39 |
| Wheat bran, average price per ton bulk .....       | I-49                    | Workers, farm:                    |               |
| Wheat, mill, average price per ton bulk .....      | I-49                    | Average wage rate.....            | IX-13-15      |
| Wheat, middlings, average price per ton bulk ..... | I-49                    | Hired .....                       | IX-13-15      |
| Wheat, millfeeds, disappearance for feed .....     | I-45                    |                                   |               |
| Wood-pulp production .....                         | XII-26                  |                                   |               |