

---

---

UNITED STATES  
DEPARTMENT OF AGRICULTURE

**AGRICULTURAL  
STATISTICS  
1981**



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON: 1981

# Agricultural Statistics, 1981

*Agricultural Statistics* 1981 was prepared under the direction of GERALD L. CLAMPET, Chief, Data Services Branch, Statistical Reporting Service. EILEEN JOHNSON was responsible for coordination and technical editorial work.

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	v	Cattle and calves	299
I—Grains:		Hogs	312
Total grain supply	1	Sheep and lambs	323
Food grains:		Wool	334
Wheat	1	Goats and mohair	341
Rye	15	Meats and meat products	342
Rice	19	Hides	351
Feed grains:		Livestock index numbers	355
Corn	30	VIII—Dairy and poultry products:	
Oats	38	Cows and dairy products	356
Barley	43	Chickens	391
Sorghum	50	Turkeys	405
Grain consumption	49	Eggs	409
Feedstuffs	54	IX—Farm resources, income, and expenses:	
Animal units fed	58	Economic trends	414
II—Cotton, tobacco, sugar crops, and honey:		Farm property	415
Cotton	61	Population and employment	427
Other fibers	76	Farm production and distribution	433
Sugar	77	Prices and income	444
Sirups	91	Costs and expenses	462
Honey and beeswax	93	X—Taxes, insurance, cooperatives, and credit:	
Tobacco	99	Taxes and insurance	469
III—Oilseeds, fats, and oils:		Credit and loan programs	474
Cottonseed	114	Farmers' cooperatives	489
Flaxseed	117	Rural electrification and telephones	492
Peanuts	122	XI—Stabilization and price-support programs:	
Soybeans	129	Price support	502
Sunflower	135	Payments to producers	513
Peppermint and spearmint	137	Disaster provisions	516
Olive oil	139	Marketing agreements and orders	517
Margarine	139	XII—Agricultural conservation and forestry statistics:	
Shortening	140	Conservation and pollution abatement programs	518
Fats and oils	141	Soil conservation programs	525
IV—Vegetables and melons:		Forestry	532
Vegetables and melons	150	Turpentine and rosin	545
Vegetable shipments	194	XIII—Consumption and family living:	
Vegetable consumption	196	Population	548
Commercial pack	199	Food consumption	549
V—Fruits, tree nuts, and horticultural specialties:		Food and nutrition programs	554
Fruits and berries	203	Prices at retail levels	557
Tree nuts	255	XIV—Miscellaneous statistics:	
Tea, cacao beans, and coffee	260	Agricultural imports and exports	558
Mushrooms	263	Commodity futures	572
Flowers	264	Fishery statistics	578
VI—Hay, seeds, and minor field crops:		Refrigeration statistics	584
Hay	267	Alaska statistics	585
Pasture and range	272	Index	586
Seeds	273		
Rates of seeding	284		
Beans, dry edible	289		
Peas, dry	293		
Hops	295		
Popcorn	297		



# Introduction

*Agricultural Statistics* is published each year to meet the diverse needs 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. A few tables were prepared in other Government Agencies.

The historical series in this volume have been generally limited to data beginning with 1966 or later.

Agricultural data for Alaska and Hawaii are included in the appropriate tables, where available. Certain statistics for Alaska are found in chapter XIV.

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 Attaches 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 5 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 that 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>11</sup>	60	27.2
	do	48	21.8	Cherries	{ Lug (Campbell) <sup>12</sup>	16	7.3
Apples	{ Northwest box <sup>2</sup>	44	20.0		{ Lug	20	9.1
	{ Fiberboard box, cell pack	37-44	16.8-20.0	Clover seed	{ Bushel	60	27.2
Apricots	Lug (Brentwood) <sup>3</sup>	24	10.9	Corn:			
Western	4-basket crate <sup>4</sup>	26	11.8	Ear, husked	Bushel	<sup>13</sup> 70	31.8
Artichokes:				Shelled	do	56	25.4
Globe	1/2-box	20	9.1	Meal	do	50	22.7
Jerusalem	Bushel	50	22.7	Oil	Gallon	<sup>10</sup> 7.7	3.5
Asparagus	Crate	30	13.6	Sirup	do	11.72	5.3
Avocados	Lug <sup>5</sup>	12-15	5.4-6.8		{ Mesh or paper bag	45-50	20.4-22.7
Bananas	Fiber folding box <sup>6</sup>	40	18.1	Sweet	{ Wirebound crate	40-60	18.1-27.2
Barley	Bushel	48	21.8	Cotton	{ Bale, gross	<sup>14</sup> 500	227
Beans:				Cottonseed	{ Bale, net	<sup>14</sup> 480	218
Lima, dry	do	56	25.4	Cottonseed oil	Bushel	<sup>15</sup> 32	14.5
Other, dry	{ Sack	60	27.2	Cowpeas	Gallon	<sup>10</sup> 7.7	3.5
		100	45.4	Cranberries	{ Bushel	60	27.2
Lima, unshelled	Bushel	28-32	12.7-14.5		{ Barrel	100	45.4
Snap	do	28-32	12.7-14.5	Cream, 40-percent butterfat	{ 1/4-bbl. box <sup>16</sup>	25	11.3
Beets:				Cucumbers	Gallon	8.38	3.80
Without tops	do	50	22.7	Dewberries	Bushel	48	21.8
Bunched	Wirebound crate	45	20.4	24-qt. crate	Bushel	36	16.3
Berries, frozen pack:				Eggplant	Bushel	33	15.0
Without sugar	50-gal. barrel	380	172	Eggs, average size	Case, 30 dozen	47.0	21.3
3 + 1 pack	do	425	193	Escarole	Bushel	25	11.3
2 + 1 pack	do	450	204	Figs, fresh	Box, single layer <sup>17</sup>	6	2.7
Blackberries	24-qt. crate	36	16.3	Flaxseed	Bushel	56	25.4
Bluegrass seed	Bushel	14-30	6.4-13.6	Flour, various	Bag	100	45.4
Broccoli	Wirebound crate	20-25	9.1-11.3	Grapefruit:			
Broomcorn (6 bales per ton)	Bale	333	151	Florida and Texas	1/2-box mesh bag	40	18.1
Broomcorn seed	Bushel	44-50	20.0-22.7	California	1 3/8 bu. box	85	38.6
Brussels sprouts	Drums	25	11.3	Desert Valleys and Arizona	1 2/8 bu. box	80	36.3
Buckwheat	Bushel	48	21.8				
Butter	Box	64	29.0	California other than Desert Valleys	{ Box <sup>18</sup>	19.64	29.0
	{ Open mesh bag	50	22.7		{ Carton <sup>20</sup>	32	14.5
Cabbage	{ Wirebound crate <sup>7</sup>	50	22.7	Grapes:			
	{ Western crate <sup>8</sup>	80	36.3	Eastern	{ 4-qt. climax basket	6	2.7
Cantaloups	Jumbo crate <sup>9</sup>	83	37.6		{ 12-qt. basket	18-20	8.2-9.1
Carrots:				Western	{ Lug <sup>21</sup>	28	12.7
Without tops	{ Bushel	50	22.7		{ 4-basket crate <sup>22</sup>	20	9.1
	{ Open mesh bag	50	22.7	Hempseed	Bushel	44	20.0
Castor beans	Bushel	41	18.6	Hickory nuts	do	50	22.7
Castor oil	Gallon	<sup>10</sup> 8	3.6	Honey	Gallon	11.84	5.4
	{ W.G.A. crate	50-60	22.7-27.2	Honeydew melons	Jumbo crate <sup>23</sup>	44	20.0
Cauliflower	{ Fiberboard box, wrapper leaves removed, film-wrapped, 2 layers	23-35	10.4-15.9	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
		Pounds	Kilograms			Pounds	Kilograms
Horseradish roots	{ Bushel . . . . .	35	15.9	Pears:			
Hungarian millet seed	{ Barrel . . . . .	100	45.4	California	Bushel . . . . .	48	21.8
Kale	Bushel . . . . .	48 and 50	21.8-22.7	Other	.do . . . . .	50	22.7
Kapok seed	.do . . . . .	18	8.2	Western	Box <sup>27</sup> . . . . .	46	20.9
Lard	Tierce . . . . .	35-40	15.9-18.1	Peas:			
Lemons:		375	170	Green, unshelled	Bushel . . . . .	28-30 <sup>1</sup>	12.7-13.6
California and Arizona	{ Box <sup>24</sup> . . . . .	1 <sup>10</sup> 76	34.5	Dry	.do . . . . .	60	27.2
	{ Carton <sup>20</sup> . . . . .	38	17.2	Peppers, green	.do . . . . .	25-30	11.3-13.6
Lentils	Bushel . . . . .	60	27.2	Fiberboard carton	. . . . .	30-34	13.6-15.4
Lettuce	Fiberboard box, carton	38-55	17.2-24.9	Perilla seed	Bushel . . . . .	37-40	16.8-18.1
Lettuce, hot-house	24-qt. basket	10	4.5	Pineapples	Crate <sup>28</sup> . . . . .	70	31.8
Limes (Florida)	Box . . . . .	80	36.3	Plums and prunes:			
Linseed oil	Gallon . . . . .	1 <sup>10</sup> 7.7	3.5	California	4-basket crate <sup>29</sup> . . . . .	28-34	12.7-15.4
Malt	Bushel . . . . .	34	15.4	Other	1/2-bu. basket . . . . .	28	12.7
Maple sirup	Gallon . . . . .	11.03	5.00	Popcorn:			
Meadow fescue seed	Bushel . . . . .	24	10.9	On ear	Bushel . . . . .	1 <sup>10</sup> 70	31.8
Milk	Gallon . . . . .	8.6	3.90	Shelled	.do . . . . .	56	25.4
Millet	Bushel . . . . .	48-60	21.8-22.7	Poppy seed	.do . . . . .	46	20.9
Molasses, edible	Gallon . . . . .	11.72	5.3	Potatoes	{ Bushel . . . . .	60	27.2
Molasses, inedible	.do . . . . .	11.74	5.3	Barrel	.do . . . . .	165	74.8
Mustard seed	Bushel . . . . .	58-60	26.3-27.2	Bag	.do . . . . .	50	22.7
Oats	.do . . . . .	32	14.5	.do	.do . . . . .	100	45.4
Olives	Lug <sup>21</sup> . . . . .	25-30	11.3-13.6	Bushel	.do . . . . .	48	21.8
Olive oil	Gallon . . . . .	1 <sup>10</sup> 7.6	3.5	Rapeseed	.do . . . . .	50 and 60	22.7-27.2
Onions, dry	Sack . . . . .	50	22.7	Raspberries	24-qt. crate . . . . .	36	16.3
Onions, green bunched	Crate . . . . .	60-65	27.2-29.5	Redtop seed	Bushel . . . . .	50 and 60	22.7-27.2
Onion sets	Bushel . . . . .	28-32	12.7-14.5	Refiners' sirup	Gallon . . . . .	11.45	5.2
Oranges:				Rice:			
Florida and Texas	{ 1/2-box mesh bag . . . . .	45	20.4	Rough	{ Bushel . . . . .	45	20.4
California and Arizona	{ Box <sup>25</sup> . . . . .	90	40.8	Barrel	Bag . . . . .	100	45.4
	{ Box <sup>18</sup> . . . . .	1 <sup>10</sup> 75	34.0	Barrel	Barrel . . . . .	162	73.5
	{ Carton <sup>20</sup> . . . . .	37 1/2	17.0	Pocket or bag	Pocket or bag . . . . .	100	45.4
Orchardgrass seed	Bushel . . . . .	14	6.4	Drum, net	Drum, net . . . . .	520	236
Palm oil	Gallon . . . . .	1 <sup>10</sup> 7.7	3.5	Milled	.do . . . . .	56	25.4
Parsnips	Bushel . . . . .	50	22.7	Rosin	.do . . . . .	56	25.4
	.do . . . . .	48	21.8	Rutabagas	Bushel . . . . .	56	25.4
	Lug box <sup>21</sup> . . . . .	20	9.1	Rye	.do . . . . .	46	20.9
Peaches	{ California fruit box . . . . .	2 <sup>5</sup> 18	8.2	Sesame seed	.do . . . . .	46	20.9
Peanut oil	Gallon . . . . .	1 <sup>10</sup> 7.7	3.5	Shallots	Crate (4-7 doz. bunches) . . . . .	20-35	9.1-15.9
Peanuts, unshelled:				Sorgo:			
Virginia type	Bushel . . . . .	17	7.7	Seed	Bushel . . . . .	50	22.7
Runners, South-eastern	.do . . . . .	21	9.5	Sirup	Gallon . . . . .	11.55	5.2
Spanish:				Sorghum			
South-eastern	.do . . . . .	25	11.3	grain <sup>30</sup>	Bushel . . . . .	56	25.4
South-western	.do . . . . .	25	11.3	Soybeans	.do . . . . .	60	27.2
				Soybean oil	Gallon . . . . .	1 <sup>10</sup> 7.7	3.5
				Spelt	Bushel . . . . .	40	18.1
				Spinach	.do . . . . .	18-20	8.2-9.1
				Strawberries	{ 24-qt. crate . . . . .	36	16.3
					{ 12-pt. crate . . . . .	9-11	4.1-5.0
				Sudangrass seed	Bushel . . . . .	40	18.1
				Sugarcane: sirup (sulfured or unsulfured)	Gallon . . . . .	11.45	5.2
				Sunflower seed	Bushel . . . . .	24 and 32	10.9-14.5
				Sweetpotatoes	{ .do . . . . .	1 <sup>11</sup> 55	24.9
					{ Crate . . . . .	50	22.7
				Tangerines, Florida	1/5-bu. box . . . . .	47 1/2	21.5

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	45	20.4	Tung oil	Gallon	<sup>10</sup> 7.8	3.5
Tobacco:				Turnips:			
Maryland	Hogshead	775	352	Without tops	Mesh sack	50	22.7
Flue-cured	do	950	431	Bunched	Crate <sup>a</sup>	70-80	31.8-36.3
Burley	do	975	442	Turpentine	Gallon	7.23	3.3
Dark air-cured	do	1,150	522	Velvetbeans			
Virginia				(hulled)	Bushel	60	27.2
fire-cured	do	1,350	612	Vetch	do	60	27.2
Kentucky and				Walnuts	do	50	22.7
Tennessee				Water 60° F	Gallon	8.33	3.8
fire-cured	do	1,500	680	Watermelons	Melons of		
Cigar-leaf	Case	250-365	113-166	average or	medium		
	Bale	150-175	68.0-79.4	size	size	25	11.3
	Crate	60	27.2	Wheat	Bushel	60	27.2
Tomatoes	Lug box <sup>21</sup>	32	14.5	Various com-	Short ton	2,000	907
	2-layer flat	21	9.5	modities	Long ton	2,240	1,016
Tomatoes,					Metric ton	2,204.6	1,000
hothouse	12-qt. basket	20	9.1				

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 hectare
- 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>32</sup>	1.4 bushels fresh
Applesauce	do <sup>32</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>33</sup>	0.008 ton fresh
Buckwheat flour	100 pounds	3.47 bushels buckwheat
Calves	1 pound live weight	0.557 pound dressed weight (1954-63 average)
Cattle	do	0.561 pound dressed weight (1954-63 average)
Cane sirup	1 gallon	5 pounds sugar
Cherries, tart	1 case canned <sup>32</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>33</sup>	0.030 ton fresh
Cornmeal:		
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>34</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>35</sup>	1 gallon	15 pounds milk
Ice cream <sup>35</sup> (eliminating fat from butter and concentrated milk)	do	12 pounds milk
Eggs	1 case	47 pounds
Eggs, shell	do	39.5 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 2 $\frac{1}{2}$ gallons oil
Grapefruit, Florida	1 case canned juice <sup>33</sup>	0.64 box fresh fruit
Hogs	1 pound live weight	0.579 pound dressed weight, excluding lard (1954-63 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 sirup	1 gallon	8 pounds maple sugar
Nuts:		
Almonds imported	1 pound shelled	3 $\frac{1}{2}$ 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>33</sup>	0.53 box fresh
Peaches, California, freestone	1 pound dried	5 $\frac{1}{8}$ pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6 $\frac{1}{2}$ pounds fresh from 1929 to date
Peaches, California, clingstone	do	7 $\frac{1}{2}$ pounds fresh
Peaches, clingstone	1 case canned <sup>32</sup>	1 bushel fresh
Do	do	0.0230 ton fresh
Peanuts	1 pound shelled	1 $\frac{1}{2}$ pounds unshelled
Pears	1 pound dried	6 $\frac{1}{2}$ pounds fresh
Pears, Bartlett	1 case canned <sup>33</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>33</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 unbulled rice
Rye flour	do	2.23 bushels rye, beginning 1947
Sheep and lambs	1 pound live weight	0.482 pound dressed weight (1954-63 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>33</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>36</sup>
Wool, domestic apparel shorn	1 pound greasy	0.48 pound 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, 10½ by 11½ by 18 inches.

<sup>3</sup>Approximate inside dimensions, 4½ by 12½ by 16½ inches.

<sup>4</sup>Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>5</sup>Approximate dimensions, 4½ by 13½ by 16½ inches.

<sup>6</sup>Approximate inside dimensions, 13 by 12 by 32 inches.

<sup>7</sup>Inside dimensions vary. Common sizes are 13 by 13 by 22½ inches, and 13 by 15½ by 23 inches.

<sup>8</sup>Approximate inside dimensions, 13 by 18 by 21½ inches.

<sup>9</sup>Approximate inside dimensions, 13 by 13 by 22½ inches.

<sup>10</sup>This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

<sup>11</sup>Approximate inside dimensions, 9½ by 16 by 20 inches.

<sup>12</sup>Approximate inside dimensions, 4½ by 11½ by 14 inches.

<sup>13</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>14</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>15</sup>This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

<sup>16</sup>Approximate inside dimensions, 9½ by 10½ by 15 inches.

<sup>17</sup>Approximate inside dimensions, 1½ by 11 by 16½ inches.

<sup>18</sup>Approximate inside dimensions, 11½ by 11½ by 24 inches.

<sup>19</sup>In California and Arizona from 1942 through 1953, the net weights as used by this Department were 77 pounds for oranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, averaged 68 pounds. The new weights effective in 1954 reflect the shift from the "box" to the ½-box carton as the container used.

<sup>20</sup>Approximate inside dimensions 10½ by 10<sup>11</sup>/<sub>16</sub> by 16½ inches for oranges or lemons, and 9½ by 10<sup>11</sup>/<sub>16</sub> by 16½ inches for grapefruit.

<sup>21</sup>Approximate inside dimensions, 5½ by 13½ by 16½ inches.

<sup>22</sup>Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>23</sup>Approximate inside dimensions, 7½ by 16 by 21½ inches.

<sup>24</sup>Approximate inside dimensions, 9½ by 13 by 25 inches.

<sup>25</sup>Approximate inside dimensions 12 by 12 by 24 inches.

<sup>26</sup>Approximate inside dimensions vary. Common size is 4½ by 11½ by 16½ inches.

<sup>27</sup>Approximate inside dimensions, 8½ by 11½ by 18 inches.

<sup>28</sup>Approximate inside dimensions, 12 by 10½ by 33 inches.

<sup>29</sup>Inside dimensions vary. Ranges from 4 by 16 by 16½ inches to 6 by 16 by 16½ inches.

<sup>30</sup>Includes both sorghum grain (kafir, milo, hegari, etc.) and sweet sorghum varieties.

<sup>31</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>32</sup>Case of 24 No. 2½ cans.

<sup>33</sup>Case of 24 No. 303 cans.

<sup>34</sup>Varies widely by method of harvesting.

<sup>35</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>36</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 bushel; 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.—Total grain: Supply and disappearance, United States, 1966–80**

Year <sup>1</sup>	Supply				Disappearance			Ending stocks
	Beginning stocks	Production	Imports	Total	Domestic use	Exports	Total disappearance	
	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>
1966	58.6	184.2	0.4	243.1	148.9	44.4	193.3	49.9
1967	49.9	207.9	3	258.1	150.3	44.7	195.1	63.0
1968	63.0	202.4	3	265.7	159.2	34.1	193.3	72.4
1969	72.4	205.2	5	278.1	166.3	38.2	204.5	73.6
1970	73.6	186.7	5	260.8	164.0	41.4	205.4	55.4
1971	55.4	237.5	3	293.2	175.5	43.8	219.3	73.9
1972	73.9	228.1	4	302.4	181.4	72.6	254.0	48.2
1973	48.2	237.6	3	286.1	178.1	76.4	254.5	31.6
1974	31.6	204.4	6	236.6	142.3	66.7	208.8	27.6
1975	27.6	249.1	5	277.2	155.6	84.5	240.1	37.1
1976	37.1	258.1	4	295.6	153.9	79.4	233.3	62.1
1977	62.1	265.8	4	328.3	163.2	90.2	253.4	74.8
1978	74.8	276.5	3	351.6	182.4	96.1	278.5	72.9
1979	72.9	302.9	4	376.2	184.9	112.5	297.4	78.5
1980 <sup>2</sup>	78.5	269.7	3	348.5	171.9	118.8	290.7	57.8

<sup>1</sup> Year beginning Oct. 1 for corn and sorghum; June 1 for oats, barley, wheat, and rye; and Aug. 1 for rice.

<sup>2</sup> Preliminary.

Totals may not add due to independent rounding.

Economic Research Service.

**Table 2.—Wheat: Area, yield, production, disposition, and value, United States, 1966–80**

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested			For seed	Fed to live-stock			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	54,105	49,613	26.3	1,304,889	46,259	25,929	1,232,701	1.63	2,129,868
1967	67,264	58,353	25.8	1,507,598	46,005	42,418	1,419,175	1.39	2,090,107
1968	61,860	54,765	28.4	1,556,635	39,456	59,396	1,457,783	1.24	1,929,131
1969	53,450	47,146	30.6	1,442,679	33,347	58,529	1,350,803	1.25	1,795,738
1970	48,739	43,564	31.0	1,351,558	35,440	59,860	1,256,258	1.33	1,803,241
1971	53,822	47,635	33.9	1,618,636	37,300	71,768	1,509,568	1.34	2,167,797
1972	54,913	47,303	32.7	1,546,209	37,953	47,011	1,461,245	1.76	2,706,121
1973	59,254	54,148	31.6	1,710,787	48,449	28,060	1,634,278	3.95	6,744,631
1974	71,044	65,368	27.3	1,781,918	87,534		1,694,384	4.09	7,287,261
1975	74,900	69,499	30.6	2,126,927	94,844		2,032,083	3.55	7,549,829
1976	80,395	70,927	30.3	2,148,780	104,755		2,044,025	2.73	5,867,836
1977	75,410	66,686	30.7	2,045,527	117,391		1,928,136	2.33	4,764,557
1978	65,989	56,495	31.4	1,775,524	83,151		1,692,373	2.97	5,280,634
1979	71,424	62,454	34.2	2,134,060	87,564		2,046,496	3.78	8,070,378
1980 <sup>4</sup>	80,430	70,853	33.4	2,369,666	104,151		2,265,515	3.96	9,396,732

See footnotes on page 3.

Table 3.—Wheat, by kinds: Area, yield, production, and value, United States, 1966–80

Year	Area		Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</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>
1966	42,746	38,616	27.4	1,057,371		
1967	53,649	45,039	26.5	1,194,119		
1968	48,667	41,929	29.0	1,217,555		
1969	42,338	36,303	31.2	1,131,439		
1970	37,623	32,702	33.4	1,091,744		
1971	38,072	32,370	35.4	1,145,011	1.35	1,544,116
1972	42,183	34,859	34.0	1,186,498	1.71	2,022,251
1973	43,501	38,747	33.0	1,278,220	3.72	4,745,524
1974	52,023	46,778	29.4	1,375,526	3.90	5,370,469
1975	55,954	51,376	32.0	1,642,900	3.37	5,540,438
1976	57,822	49,578	31.5	1,564,118	2.73	4,264,242
1977	56,469	48,772	31.6	1,540,419	2.28	3,506,778
1978	47,549	38,491	31.8	1,222,446	3.01	3,677,175
1979	51,787	43,427	36.9	1,601,234	3.79	6,075,553
1980 <sup>3</sup>	57,425	51,374	36.8	1,891,251	3.88	7,329,103
Durum 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>
1966	2,491	2,423	25.9	62,638		
1967	2,826	2,754	24.1	66,443		
1968	3,715	3,621	27.5	99,644		
1969	3,466	3,420	31.7	108,403		
1970	2,167	2,105	25.1	52,771		
1971	2,943	2,864	32.1	91,805	1.31	120,350
1972	2,592	2,550	28.6	72,912	1.93	141,040
1973	2,952	2,884	27.2	78,455	6.16	483,002
1974	4,174	4,099	19.8	81,245	5.96	484,041
1975	4,830	4,680	26.4	123,362	4.66	575,025
1976	4,748	4,584	29.4	134,914	2.96	398,856
1977	3,183	3,025	26.4	79,964	2.69	215,413
1978	4,110	4,024	33.1	133,328	2.93	390,608
1979	4,042	3,932	27.1	106,654	4.35	463,847
1980 <sup>3</sup>	5,525	4,840	22.4	108,395	5.24	568,374
Other spring wheat <sup>5</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>
1966	8,868	8,574	21.6	184,880		
1967	10,789	10,560	23.4	247,036		
1968	9,478	9,215	26.0	239,436		
1969	7,646	7,423	27.3	202,837		
1970	8,949	8,757	23.6	207,043		
1971	12,807	12,451	30.7	381,820	1.32	503,331
1972	10,138	9,894	29.0	286,799	1.89	542,830
1973	12,801	12,517	28.3	354,112	4.28	1,516,105
1974	14,847	14,491	22.4	325,147	4.41	1,432,751
1975	14,116	13,443	26.8	360,665	3.98	1,434,366
1976	17,825	16,765	26.8	449,748	2.68	1,204,738
1977	15,758	14,889	28.6	425,144	2.45	1,042,366
1978	14,330	13,980	30.0	419,750	2.89	1,212,851
1979	15,595	15,095	28.2	426,172	3.59	1,530,978
1980 <sup>3</sup>	17,480	14,639	25.3	370,020	4.05	1,499,255

<sup>1</sup> Seeded in preceding fall for winter wheat.

<sup>2</sup> Obtained by weighting State prices by quantity sold. 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> Preliminary.

<sup>4</sup> Includes California, Minnesota, Montana, North Dakota, and South Dakota. In addition 1976 and 1977 includes New Mexico; beginning 1976 includes Arizona.

<sup>5</sup> Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4.

Statistical Reporting Service.

Table 4.—Wheat: Stocks on and off farms, United States, 1966–80

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>
All wheat								
	<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>
1966	537,841	406,879	237,852	144,890	896,351	640,577	461,370	279,525
1967	601,483	505,227	361,015	229,548	954,667	704,490	477,090	309,000
1968	727,772	576,932	460,476	325,906	951,545	765,418	648,980	490,754
1969	752,200	609,443	456,499	307,093	1,120,224	923,375	740,747	577,780
1970	663,673	526,092	381,098	240,276	1,124,797	883,878	679,937	491,202
1971	826,860	694,549	525,743	355,050	1,046,932	853,100	694,961	508,203
1972	730,210	510,202	316,063	133,923	1,140,699	888,801	611,253	304,578
1973	608,466	364,382	181,704	89,455	843,084	563,952	366,441	158,201
1974	680,469	446,289	274,106	132,734	881,665	661,171	397,982	194,255
1975	756,805	548,600	343,212	235,861	1,129,044	838,028	594,151	429,768
1976	835,437	667,210	512,360	427,337	1,354,946	1,116,376	878,534	685,912
1977	1,039,227	834,577	642,106	494,018	1,365,322	1,162,459	887,832	683,790
1978	1,029,681	814,400	633,254	484,320	1,104,169	816,364	596,172	439,777
1979	1,030,071	773,920	569,600	376,501	1,240,745	942,247	655,518	525,498
1980 <sup>3</sup>	975,304	754,089	542,530	.....	1,496,574	1,149,739	790,648	.....
Durum wheat								
	<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>
1966	61,896	39,769	28,617	18,349	33,806	24,342	16,646	10,530
1967	58,269	49,015	32,891	18,181	19,475	14,338	13,386	6,143
1968	90,938	64,949	50,724	29,626	18,451	21,030	17,429	11,582
1969	108,418	92,460	81,498	63,140	23,187	20,285	16,441	17,584
1970	83,853	69,660	56,120	41,672	25,591	24,803	22,856	16,817
1971	105,737	94,340	75,345	48,086	27,070	24,928	24,959	21,165
1972	91,538	72,016	48,249	19,979	24,458	25,910	23,132	16,891
1973	67,903	49,251	34,390	18,058	21,460	18,433	16,516	9,938
1974	70,196	51,832	37,836	14,593	21,377	18,727	11,498	6,713
1975	87,406	65,412	53,033	38,906	27,657	20,528	18,065	14,550
1976	110,544	94,999	79,347	70,643	39,571	32,631	28,895	21,120
1977	103,462	81,891	61,635	49,626	36,338	26,524	29,754	17,265
1978	120,309	98,694	82,966	69,685	30,012	18,312	21,519	16,084
1979	122,621	87,384	64,486	48,669	30,870	19,776	21,267	12,342
1980 <sup>3</sup>	88,456	73,990	59,974	.....	34,406	29,448	23,227	.....

<sup>1</sup>Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.

<sup>2</sup>Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup>Preliminary.

Statistical Reporting Service.

#### FOOTNOTES FOR TABLE 2

<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>Beginning 1974, not estimated separately.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 5.—Wheat: Supply and disappearance, United States, 1966-80

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 <sup>2</sup>	Seed	Feed <sup>3</sup>	Total				
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	
1966	660	1,305	2	1,967	505	77	101	683	771	1,454	513	
1967	513	1,508	1	2,021	518	71	37	626	765	1,391	630	
1968	630	1,557	1	2,188	522	61	157	740	544	1,284	904	
1969	904	1,443	3	2,350	520	56	188	764	603	1,367	983	
1970	983	1,352	1	2,336	517	62	193	772	741	1,513	823	
1971	823	1,618	1	2,442	524	63	262	849	610	1,459	983	
1972	983	1,546	1	2,530	532	67	200	799	1,135	1,934	597	
1973	4,597	1,711	3	2,311	544	84	126	754	1,217	1,971	340	
1974	340	1,782	3	2,125	545	92	35	672	1,018	1,690	435	
1975	435	2,127	2	2,564	589	99	38	726	1,173	1,898	666	
1976	666	2,149	2	2,817	588	92	74	754	950	1,704	1,113	
1977	1,113	2,046	2	3,161	586	80	193	859	1,124	1,983	1,178	
1978	1,178	1,776	2	2,956	592	87	159	838	1,194	2,032	924	
1979	924	2,134	2	3,060	595	101	87	783	1,375	2,158	902	
1980 <sup>5</sup>	902	2,370	2	3,274	.....	.....	.....	.....	.....	.....	.....	

<sup>1</sup>Imports and exports include flour and other products expressed in wheat equivalents. <sup>2</sup>Used for food in the United States, U.S. Territories, and by the military. <sup>3</sup>Residual; approximates feed use. <sup>4</sup>Excludes an abnormally large volume of grain in transit. <sup>5</sup>Preliminary.

Economic Research Service. Totals may not add due to independent rounding.

Table 6.—Wheat: Supply and disappearance, by classes, United States, 1976-79<sup>1</sup>

Item	Year beginning June				Item	Year beginning June			
	1976	1977	1978	1979 <sup>2</sup>		1976	1977	1978	1979 <sup>2</sup>
	Million bushels	Million bushels	Million bushels	Million bushels		Million bushels	Million bushels	Million bushels	Million bushels
All wheat:					Hard red spring:				
Stocks, June 1	666	1,113	1,178	924	Stocks, June 1	116	250	335	320
Production	2,149	2,046	1,776	2,134	Production	412	399	380	363
Supply <sup>3</sup>	2,817	3,161	2,956	3,060	Supply <sup>3</sup>	528	650	715	684
Exports <sup>4</sup>	950	1,124	1,194	1,375	Exports <sup>4</sup>	124	156	232	217
Domestic disappearance	754	859	838	783	Domestic disappearance	154	159	163	182
Stocks, May 31	1,113	1,178	924	902	Stocks, May 31	250	335	320	285
Hard red winter:					Durum:				
Stocks, June 1	376	606	632	423	Stocks, June 1	53	92	67	86
Production	978	997	830	1,089	Production	135	80	133	106
Supply	1,354	1,603	1,462	1,512	Supply <sup>3</sup>	190	173	202	193
Exports <sup>4</sup>	418	535	610	725	Exports <sup>4</sup>	41	62	72	83
Domestic disappearance	330	436	429	347	Domestic disappearance	57	44	44	49
Stocks, May 31	606	632	423	440	Stocks, May 31	92	67	86	61
Soft red winter:					White:				
Stocks, June 1	61	72	71	27	Stocks, June 1	60	93	-73	68
Production	337	349	189	317	Production	287	221	244	259
Supply	398	421	260	344	Supply <sup>3</sup>	347	314	317	327
Exports <sup>4</sup>	181	197	95	154	Exports <sup>4</sup>	186	174	185	196
Domestic disappearance	145	153	138	150	Domestic disappearance	68	67	64	55
Stocks, May 31	72	71	27	40	Stocks, May 31	93	73	68	76

<sup>1</sup>Data except production are approximations. <sup>2</sup>Preliminary. <sup>3</sup>Total supply includes imports. <sup>4</sup>Imports and exports include flour and other products in wheat equivalents.

Economic Research Service.

WHEAT

Table 7.—Wheat: Area, yield, and production, by States, 1978–80

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ala . . . . .	180	220	325	90	145	235	26.0	26.0	24.5	2,340	3,770	5,758
Ariz . . . . .	145	135	225	138	125	215	70.0	76.3	80.0	9,660	9,540	17,200
Ark . . . . .	400	530	900	300	420	820	37.0	35.0	38.0	11,100	14,700	31,160
Calif . . . . .	715	840	1,235	665	800	1,150	64.2	70.6	74.3	42,725	56,450	85,500
Colo . . . . .	3,038	3,245	3,550	2,523	2,641	3,395	23.5	26.6	32.4	59,283	70,224	109,900
Del . . . . .	24	22	33	17	21	27	35.0	34.0	40.0	595	714	1,080
Fla. <sup>3</sup> . . . . .	17	..	..	12	..	..	36.0	..	..	432	..	..
Ga . . . . .	160	210	660	120	175	600	32.0	35.0	33.0	3,840	6,125	19,800
Idaho . . . . .	1,435	1,615	1,635	1,370	1,470	1,550	55.0	50.4	62.0	75,370	74,140	96,030
Ill . . . . .	1,000	1,310	1,600	880	1,250	1,570	38.0	43.0	48.0	33,440	53,750	75,360
Ind . . . . .	820	1,000	1,150	740	945	1,100	39.0	47.0	49.0	28,860	44,415	53,900
Iowa . . . . .	60	70	100	45	60	92	31.0	37.0	38.0	1,395	2,220	3,496
Kans . . . . .	11,300	12,100	13,000	10,000	10,800	12,000	30.0	38.0	35.0	300,000	410,400	420,000
Ky . . . . .	260	380	450	180	290	350	36.0	38.0	39.5	6,480	11,020	13,825
La . . . . .	29	38	100	15	26	67	36.0	28.0	28.0	540	728	1,876
Md . . . . .	90	97	100	80	90	97	37.0	37.0	38.0	2,960	3,330	3,686
Mich . . . . .	430	750	820	410	735	800	40.0	43.0	44.0	16,400	31,605	35,200
Minn . . . . .	2,850	2,640	3,615	2,776	2,578	3,169	33.6	35.1	32.4	93,225	90,384	102,556
Miss . . . . .	100	160	300	65	115	250	31.0	32.0	31.0	2,015	3,680	7,750
Mo . . . . .	960	1,780	2,200	840	1,600	2,070	34.0	44.0	43.0	28,560	70,400	89,010
Mont . . . . .	5,100	5,985	5,970	4,840	5,125	5,100	30.2	22.7	23.5	146,050	116,475	119,800
Nebr . . . . .	2,900	3,000	3,100	2,550	2,550	2,950	32.0	34.0	38.0	81,600	86,700	112,100
Nev . . . . .	24	26	32	22	24	29	59.5	59.2	62.1	1,310	1,420	1,800
N.J . . . . .	36	51	52	25	41	43	36.0	36.0	43.0	900	1,476	1,849
N.Mex . . . . .	559	576	600	336	410	500	18.0	22.0	21.0	6,048	9,020	10,500
N.Y . . . . .	86	170	160	75	160	150	35.0	41.0	40.0	2,625	6,560	6,000
N.C . . . . .	220	235	325	180	210	300	33.0	36.0	35.0	5,940	7,560	10,500
N.Dak . . . . .	9,760	9,900	11,735	9,585	9,600	9,620	29.8	26.3	18.7	286,065	252,235	179,650
Ohio . . . . .	1,150	1,350	1,400	1,080	1,320	1,370	39.0	48.0	49.0	42,120	63,360	67,130
Okla . . . . .	7,000	7,000	7,500	5,400	5,700	6,500	27.0	38.0	30.0	145,800	216,600	195,000
Oreg . . . . .	1,285	1,450	1,410	1,225	1,245	1,350	42.4	46.0	57.3	51,925	57,310	77,400
Pa . . . . .	225	245	260	215	235	250	33.0	31.0	37.0	7,095	7,285	9,250
S.C . . . . .	80	110	205	65	100	192	33.0	33.0	36.0	2,145	3,300	6,912
S.Dak . . . . .	3,575	3,455	4,050	3,090	2,805	3,245	21.4	21.4	19.2	66,000	60,060	62,425
Tenn . . . . .	260	340	430	180	250	350	35.0	34.0	38.0	6,300	8,500	13,300
Tex . . . . .	5,700	5,800	6,800	2,700	4,600	5,200	20.0	30.0	25.0	54,000	138,000	130,000
Utah . . . . .	310	314	292	270	282	272	30.0	26.4	32.9	8,103	7,448	8,942
Va . . . . .	176	215	317	133	180	286	35.0	35.0	37.0	4,655	6,300	10,582
Wash . . . . .	3,120	3,650	3,320	2,910	2,980	3,160	44.0	39.6	50.7	128,160	118,000	160,220
W.Va . . . . .	11	12	11	9	10	9	33.0	34.0	38.0	297	340	342
Wis . . . . .	48	57	119	45	54	111	34.7	40.0	39.3	1,560	2,162	4,365
Wyo . . . . .	351	341	344	294	287	309	25.9	22.1	27.5	7,606	6,354	8,512
U.S . . . . .	65,989	71,424	80,430	56,495	62,454	70,853	31.4	34.2	33.4	1,775,524	2,134,060	2,369,666

<sup>1</sup> Includes area seeded in preceding fall for winter wheat.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimates discontinued after 1978 crop.

Statistical Reporting Service.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1978–80

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
Winter wheat												
	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
Ala.	180	220	325	90	145	235	26.0	26.0	24.5	2,340	3,770	5,758
Ariz.	50	60	65	47	55	60	70.0	78.0	80.0	3,290	4,290	4,800
Ark.	400	530	900	300	420	820	37.0	35.0	38.0	11,100	14,700	31,160
Calif.	595	793	1,130	550	755	1,050	62.0	70.0	74.0	34,100	52,850	77,700
Colo.	3,000	3,200	3,500	2,490	2,600	3,350	23.0	26.0	32.0	57,270	67,600	107,200
Del.	24	22	33	17	21	27	35.0	34.0	40.0	595	714	1,080
Fla. <sup>3</sup>	17			12			36.0			432		
Ga.	160	210	660	120	175	600	32.0	35.0	33.0	3,840	6,125	19,800
Idaho	875	980	980	820	850	910	51.0	42.0	57.0	41,820	35,700	51,870
Ill.	1,000	1,310	1,600	880	1,250	1,570	38.0	43.0	48.0	33,440	53,750	75,360
Ind.	820	1,000	1,150	740	945	1,100	39.0	47.0	49.0	28,860	44,415	53,900
Iowa	60	70	100	45	60	92	31.0	37.0	38.0	1,395	2,220	3,496
Kans.	11,300	12,100	13,000	10,000	10,800	12,000	30.0	38.0	35.0	300,000	410,400	420,000
Ky.	260	380	450	180	290	350	36.0	38.0	39.5	6,480	11,020	13,825
La.	29	38	100	15	26	67	36.0	28.0	28.0	540	728	1,876
Md.	90	97	100	80	90	97	37.0	37.0	38.0	2,960	3,330	3,686
Mich.	430	750	820	410	735	800	40.0	43.0	44.0	16,400	31,605	35,200
Minn.	70	60	75	58	51	69	29.0	35.0	34.0	1,682	1,785	2,346
Miss.	100	160	300	65	115	250	31.0	32.0	31.0	2,015	3,680	7,750
Mo.	960	1,780	2,200	840	1,600	2,070	34.0	44.0	43.0	28,560	70,400	89,010
Mont.	2,900	3,000	2,600	2,700	2,250	2,150	31.0	25.5	25.5	83,700	57,375	54,825
Nebr.	2,900	3,000	3,100	2,550	2,550	2,950	32.0	34.0	38.0	81,600	86,700	112,100
Nev.	11	12	13	10	11	12	65.0	70.0	65.0	650	770	780
N.J.	36	51	52	25	41	43	36.0	36.0	43.0	900	1,476	1,849
N.Mex.	559	576	600	336	410	500	18.0	22.0	21.0	6,048	9,020	10,500
N.Y.	86	170	160	75	160	150	35.0	41.0	40.0	2,625	6,560	6,000
N.C.	220	235	325	180	210	300	33.0	36.0	35.0	5,940	7,560	10,500
N.Dak.	160	170	135	135	120	70	29.0	22.0	15.0	3,915	2,640	1,050
Ohio	1,150	1,350	1,400	1,080	1,320	1,370	39.0	48.0	49.0	42,120	63,360	67,130
Okla.	7,000	7,000	7,500	5,400	5,700	6,500	27.0	38.0	30.0	145,800	216,600	195,000
Oreg.	1,150	1,180	1,250	1,100	1,000	1,200	43.0	48.0	60.0	47,300	48,000	72,000
Pa.	225	245	260	215	235	250	33.0	31.0	37.0	7,095	7,285	9,250
S.C.	80	110	205	65	100	192	33.0	33.0	36.0	2,145	3,300	6,912
S.Dak.	1,080	1,080	1,200	700	550	950	26.0	19.0	22.0	18,200	10,450	20,900
Tenn.	260	340	430	180	250	350	35.0	34.0	38.0	6,300	8,500	13,300
Tex.	5,700	5,800	6,800	2,700	4,600	5,200	20.0	30.0	25.0	54,000	138,000	130,000
Utah	263	271	260	231	242	242	29.0	24.0	31.0	6,699	5,808	7,502
Va.	176	215	317	133	180	286	35.0	35.0	37.0	4,655	6,300	10,582
Wash.	2,800	2,850	2,900	2,600	2,200	2,750	45.0	43.0	52.0	117,000	94,600	143,000
W.Va.	11	12	11	9	10	9	33.0	34.0	38.0	297	340	342
Wis.	35	40	94	33	38	88	36.0	43.0	41.5	1,188	1,634	3,652
Wyo.	327	320	325	275	267	295	26.0	22.0	28.0	7,150	5,874	8,260
U.S.	47,549	51,787	57,425	38,491	43,427	51,374	31.8	36.9	36.8	1,222,446	1,601,234	1,891,251
Durum wheat <sup>4</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
Ariz.	95	75	160	91	70	155	70.0	75.0	80.0	6,370	5,250	12,400
Calif.	120	47	105	115	45	100	75.0	80.0	78.0	8,625	3,600	7,800
Minn.	100	80	140	98	77	120	38.5	37.0	28.0	3,773	2,849	3,360
Mont.	300	335	470	290	325	400	30.0	21.0	19.0	8,700	6,825	7,600
N.Dak.	3,300	3,330	4,400	3,240	3,250	3,850	31.5	26.0	19.0	102,060	84,500	73,150
S.Dak.	195	175	250	190	165	215	20.0	22.0	19.0	3,800	3,630	4,085
U.S.	4,110	4,042	5,525	4,024	3,932	4,840	33.1	27.1	22.4	133,328	106,654	108,395

See footnotes at end of table.

WHEAT

Table 8. — Wheat, by kinds: Area, yield, and production, by States, 1978-80 — Continued

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
Other spring 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>
Colo . . . . .	38	45	50	33	41	45	61.0	64.0	60.0	2,013	2,624	2,700
Idaho . . . . .	560	635	655	550	620	640	61.0	62.0	69.0	33,550	38,440	44,160
Minn . . . . .	2,680	2,500	3,400	2,620	2,450	2,980	33.5	35.0	32.5	87,770	85,750	96,850
Mont . . . . .	1,900	2,650	2,900	1,850	2,550	2,550	29.0	20.5	22.5	53,650	52,275	57,375
Nev . . . . .	13	14	19	12	13	17	55.0	50.0	60.0	660	650	1,020
N.Dak . . . . .	6,300	6,400	7,200	6,210	6,230	5,700	29.0	26.5	18.5	180,090	165,095	105,450
Oreg . . . . .	135	270	160	125	245	150	37.0	38.0	36.0	4,625	9,310	5,400
S.Dak . . . . .	2,300	2,200	2,600	2,200	2,090	2,080	20.0	22.0	18.0	44,000	45,980	37,440
Utah . . . . .	47	43	32	39	40	30	36.0	41.0	48.0	1,404	1,640	1,440
Wash . . . . .	320	800	420	310	780	410	36.0	30.0	42.0	11,160	23,400	17,220
Wis . . . . .	13	17	25	12	16	23	31.0	33.0	31.0	372	528	713
Wyo . . . . .	24	21	19	19	20	14	24.0	24.0	18.0	456	480	252
U.S . . . . .	14,330	15,595	17,480	13,980	15,095	14,639	30.0	28.2	25.3	419,750	426,172	370,020

<sup>1</sup> Area seeded in preceding fall for winter wheat.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimates discontinued after 1978 crop.

<sup>4</sup> Small additional quantities of durum wheat are grown in other than the States shown here but are included with "Other spring wheat."

Statistical Reporting Service.

Table 9. — Wheat: Price-support operations, United States, 1966-81

Your beginning July <sup>1</sup>	Support price		Put under support <sup>4</sup>		Acquired by CCC under support program <sup>5</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel <sup>2</sup>	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1966 . . . . .	1.90	74	133	10.2	12	124
1967 . . . . .	1.85	71	282	18.7	83	102
1968 . . . . .	1.83	69	453	28.7	178	<sup>6</sup> 157
1969 . . . . .	1.94	70	408	27.9	97	<sup>6</sup> 290
1970 . . . . .	2.00	71	254	18.5	11	<sup>6</sup> 364
1971 . . . . .	1.79	61	438	27.1	13	<sup>6</sup> 358
1972 . . . . .	1.72	57	143	9.3	.....	<sup>6</sup> 6
1973 . . . . .	1.46	43	60	3.5	.....	<sup>6</sup> 6
1974 . . . . .	2.05	53	36	2.0	.....	.....
1975 . . . . .	2.05	45	48	2.2	.....	.....
1976 . . . . .	2.29	47	499	23.3	48	<sup>6</sup> 58
1977 . . . . .	2.90/2.47	57/49	591	29.0	2	<sup>6</sup> 48
1978 . . . . .	3.40	65	256	14.2	.....	50
1979 . . . . .	3.40	57	179	8.3	<sup>7</sup> 155	<sup>6</sup> 204
1980 . . . . .	<sup>8</sup> 3.63/3.08	56/47	<sup>9</sup> 269	<sup>9</sup> 11.4	.....	.....
1981 . . . . .	<sup>9</sup> 3.81	.....	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

<sup>2</sup> A loan level of \$1.25 from 1966 to 1973, plus the average marketing certificate payment per bushel was paid to program participants. Loan level protection for 1974 and 1975 is \$1.37 and, for 1976 and 1977, \$2.25, on entire production. For 1974 to 1976, the target level is a price guarantee on allotment production at levels indicated under support price. For 1977, target level of \$2.90 was set up under the Food and Agricultural Act of 1977; \$2.47 is the target level for unplanted allotment acreage. For 1978-1979, crop loan rate \$2.35; target price \$3.40. For 1981, loan rate \$3.00.

<sup>3</sup> Percentage of parity price as of the beginning of the marketing year.

<sup>4</sup> Represents loans made, purchases, and agreements entered into.

<sup>5</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) only from crop harvested in the year indicated.

<sup>6</sup> Uncommitted CCC inventory.

<sup>7</sup> Acquired through direct purchases by CCC for future Food Aid Assistance Programs.

<sup>8</sup> Producers who exceed their NCA will be eligible for the lower target price.

<sup>9</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

**Table 10.—Wheat: Production, disposition, and value, by States, crop of 1980 (preliminary)**

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala . . . . .	5,758	812	4,946	3.80	21,880	18,795
Ariz . . . . .	17,200	791	16,409	4.09	70,320	67,086
Ark . . . . .	31,160	1,589	29,571	3.80	118,408	112,370
Calif . . . . .	85,500	5,557	79,943	4.19	357,945	334,681
Colo . . . . .	109,900	3,956	105,944	3.75	411,585	396,770
Del . . . . .	1,080	111	969	3.95	4,266	3,828
Ga . . . . .	19,800	1,485	18,315	3.65	72,270	66,850
Idaho . . . . .	96,030	3,169	92,861	3.68	353,489	341,824
Ill . . . . .	75,360	2,939	72,421	3.95	297,672	286,063
Ind . . . . .	53,900	2,749	51,151	3.90	210,210	199,489
Iowa . . . . .	3,496	192	3,304	3.85	13,460	12,720
Kans . . . . .	420,000	12,180	407,820	3.85	1,617,000	1,570,107
Ky . . . . .	13,825	1,244	12,581	3.85	53,226	48,437
La . . . . .	1,876	195	1,681	3.80	7,129	6,388
Md . . . . .	3,686	258	3,428	3.95	14,560	13,541
Mich . . . . .	35,200	2,605	32,595	3.60	126,720	117,342
Minn . . . . .	102,556	3,179	99,377	4.16	426,192	412,981
Miss . . . . .	7,750	411	7,339	4.20	32,550	30,824
Mo . . . . .	89,010	5,074	83,936	3.75	333,788	314,760
Mont . . . . .	119,800	5,511	114,289	4.22	505,115	481,878
Nebr . . . . .	112,100	3,139	108,961	3.80	425,980	414,052
Nev . . . . .	1,800	434	1,366	3.90	7,020	5,328
N.J . . . . .	1,849	118	1,731	4.00	7,396	6,924
N.Mex . . . . .	10,500	609	9,891	3.80	39,900	37,586
N.Y . . . . .	6,000	606	5,394	3.95	23,700	21,306
N.C . . . . .	10,500	1,722	8,778	3.75	39,375	32,918
N.Dak . . . . .	179,650	10,779	168,871	4.58	822,416	773,070
Ohio . . . . .	67,130	3,289	63,841	4.10	275,233	261,748
Okl . . . . .	195,000	7,605	187,395	3.85	750,750	721,471
Oreg . . . . .	77,400	1,935	75,465	4.00	309,600	301,860
Pa . . . . .	9,250	1,572	7,678	4.15	38,388	31,864
S.C . . . . .	6,912	435	6,477	3.70	25,574	23,965
S.Dak . . . . .	62,425	3,808	58,617	4.32	269,715	253,262
Tenn . . . . .	13,300	2,421	10,879	3.80	50,540	41,340
Tex . . . . .	130,000	5,590	124,410	3.75	487,500	466,538
Utah . . . . .	8,942	733	8,209	3.93	35,105	32,228
Va . . . . .	10,582	1,048	9,534	3.90	41,270	37,183
Wash . . . . .	160,220	3,044	157,176	4.05	648,891	636,563
W.Va . . . . .	342	159	183	4.00	1,368	732
Wis . . . . .	4,365	196	4,169	3.85	16,805	16,051
Wyo . . . . .	8,512	902	7,610	3.81	32,421	28,982
U.S . . . . .	2,369,666	104,151	2,265,515	3.96	9,396,732	8,981,705

Statistical Reporting Service.



Table 11.—Wheat: Area, yield, and production in specified countries, 1978-80<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada .....	10,584	10,489	11,098	2.00	1.64	1.72	21,145	17,185	19,131
Guatemala .....	62	59	54	.89	.68	.93	55	40	50
Mexico .....	760	620	770	3.09	3.68	3.44	2,350	2,280	2,650
United States .....	23,002	25,334	28,987	2.13	2.30	2.22	48,934	58,297	64,284
Total .....	34,408	36,502	40,909	2.11	2.13	2.11	72,484	77,802	86,115
South America:									
Argentina .....	4,685	4,650	4,800	1.73	1.74	1.63	8,100	8,100	7,800
Bolivia .....	75	75	75	.80	.67	.72	60	50	54
Brazil .....	2,794	3,831	2,935	.96	.75	.77	2,691	2,885	2,260
Chile .....	580	561	546	1.54	1.77	1.77	893	995	966
Colombia .....	29	31	35	1.28	1.35	1.06	37	42	37
Ecuador .....	25	22	26	.96	.95	.96	24	21	25
Paraguay .....	32	45	32	1.19	1.11	1.56	38	50	50
Peru .....	100	95	90	.90	1.00	1.00	90	95	90
Uruguay .....	192	380	250	.91	1.32	1.00	174	500	250
Venezuela .....	2	2	2	.50	.50	.50	1	1	1
Total .....	8,514	9,692	8,791	1.42	1.31	1.31	12,108	12,739	11,533
Europe:									
Belgium-Luxembourg .....	196	199	194	5.21	5.10	4.95	1,022	1,015	961
Denmark .....	122	114	139	5.26	5.17	4.70	642	589	653
France .....	4,166	4,087	4,556	5.03	4.78	5.14	20,936	19,544	23,436
Germany, Fed. Rep. of .....	1,619	1,627	1,657	5.01	4.95	4.89	8,118	8,061	8,098
Ireland .....	49	49	43	5.16	5.10	5.12	253	250	220
Italy .....	3,472	3,446	3,409	2.65	2.61	2.61	9,191	8,985	8,910
Netherlands .....	121	141	142	6.55	5.93	6.18	792	836	878
United Kingdom .....	1,257	1,371	1,441	5.26	5.23	5.69	6,613	7,175	8,200
Total EC .....	11,002	11,034	11,581	4.32	4.21	4.43	47,567	46,455	51,356
Austria .....	286	270	269	4.18	3.15	4.46	1,195	850	1,201
Finland .....	116	99	134	2.08	2.10	2.58	241	208	346
Greece .....	954	939	938	2.79	2.55	3.10	2,660	2,397	2,905
Malta .....	1	1	1	3.00	3.00	3.00	3	3	3
Norway .....	20	17	18	4.00	3.82	4.44	80	65	80
Portugal .....	355	316	335	.70	.74	1.01	250	233	337
Spain .....	2,752	2,548	2,649	1.75	1.62	2.23	4,806	4,118	5,900
Sweden .....	287	244	289	4.49	4.22	4.47	1,290	1,030	1,291
Switzerland .....	86	84	86	4.47	4.58	4.59	384	385	395
Total Western Europe .....	15,859	15,552	16,300	3.69	3.58	3.91	58,476	55,744	63,814
Albania .....	170	170	170	2.29	2.06	2.35	390	350	400
Bulgaria .....	935	955	920	3.71	3.48	3.75	3,466	3,324	3,450
Czechoslovakia .....	1,274	1,100	1,230	4.40	3.40	4.55	5,600	3,742	5,600
German Dem. Rep. .....	686	712	740	4.59	4.38	4.46	3,147	3,116	3,300
Hungary .....	1,324	1,138	1,300	4.28	3.25	4.38	5,665	3,700	5,700
Poland .....	1,852	1,549	1,750	3.26	2.70	3.03	6,029	4,187	5,300
Romania .....	2,284	2,144	2,250	2.71	2.18	2.67	6,190	4,684	6,000
Yugoslavia .....	1,712	1,524	1,526	3.13	2.96	3.34	5,355	4,512	5,100
Total Eastern Europe .....	10,237	9,292	9,886	3.50	2.97	3.53	35,842	27,615	34,850
Total Europe .....	26,096	24,844	26,186	3.61	3.36	3.77	94,318	83,359	98,664
Soviet Union (Europe and Asia)	62,898	57,682	61,300	1.92	1.56	1.47	120,820	90,200	90,000
Africa:									
Algeria .....	2,150	2,150	2,000	.49	.47	.73	1,046	1,003	1,450
Angola .....	17	16	16	.59	.63	.63	10	10	10
Egypt .....	580	584	557	3.33	3.18	3.22	1,933	1,856	1,796
Ethiopia .....	464	600	600	.91	.65	.65	423	390	390
Kenya .....	117	100	127	1.32	1.65	1.38	155	165	175
Libya .....	120	120	120	.82	1.00	.83	98	120	100
Morocco .....	1,764	1,657	1,660	1.07	1.08	1.07	1,877	1,797	1,770
Mozambique .....	5	5	5	.60	.60	.60	3	3	3
Nigeria .....	5	7	7	1.60	1.67	2.14	8	10	15
South Africa .....	1,792	1,901	1,617	.94	1.12	.96	1,690	2,136	1,550
Sudan .....	220	220	220	1.00	.68	.91	220	150	200

See footnotes at end of table.

Table 11.—Wheat: Area, yield, and production in specified countries, 1978-80<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Metric</i>	<i>Metric</i>	<i>Metric</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
	<i>hec-</i>	<i>hec-</i>	<i>hec-</i>	<i>tons</i>	<i>tons</i>	<i>tons</i>	<i>metric</i>	<i>metric</i>	<i>metric</i>
	<i>tares</i>	<i>tares</i>	<i>tares</i>				<i>tons</i>	<i>tons</i>	<i>tons</i>
Africa—Continued									
Tanzania . . . . .	50	55	55	.76	.55	.64	38	30	35
Tunisia . . . . .	1,000	1,050	1,090	.72	.81	.72	720	855	780
Zambia . . . . .	2	2	2	5.00	5.50	5.00	10	11	10
Zaire . . . . .	4	5	5	1.00	1.00	1.00	4	5	5
Zimbabwe . . . . .	48	37	37	4.42	4.35	4.32	212	161	160
Total . . . . .	8,328	8,508	8,118	1.01	1.02	1.04	8,447	8,702	8,449
Asia:									
Afghanistan . . . . .	2,300	2,400	2,050	1.22	.92	1.07	2,800	2,200	2,200
Bangladesh . . . . .	212	265	433	1.61	1.86	1.90	342	494	823
Bhutan . . . . .	64	64	65	.98	1.00	1.00	63	64	65
Burma . . . . .	110	70	70	.86	.93	.93	95	65	65
China . . . . .	27,600	28,200	27,600	1.96	2.15	1.99	54,000	60,500	55,000
Cyprus . . . . .	46	45	45	.93	.89	.89	43	40	40
India . . . . .	21,456	22,220	21,500	1.48	1.57	1.49	31,749	34,982	32,000
Iran . . . . .	5,000	4,550	5,000	1.06	1.10	1.00	5,300	5,000	5,000
Iraq . . . . .	1,496	1,700	1,800	.61	.52	.72	910	880	1,300
Israel . . . . .	87	70	75	1.94	1.83	3.33	169	128	250
Japan . . . . .	112	149	191	3.27	3.63	3.05	366	541	583
Jordan . . . . .	76	94	190	.68	.16	.79	52	15	150
Korea, Dem. Peo.									
Rep. of . . . . .	150	150	150	2.33	2.33	2.33	350	350	350
Korea, Rep. of . . . . .	17	13	28	2.12	3.23	3.29	36	42	92
Lebanon . . . . .	35	35		1.29	1.14		45	40	40
Nepal . . . . .	280	360	280	1.29	1.11	1.07	360	400	300
Outer Mongolia . . . . .	360	360	360	1.11	.97	.97	400	350	350
Pakistan . . . . .	6,394	6,687	6,868	1.31	1.49	1.57	8,367	9,950	10,757
Saudi Arabia . . . . .	58	60	60	3.02	3.33	3.33	175	200	200
Syria . . . . .	1,550	1,443	1,625	1.02	.91	1.20	1,588	1,319	1,950
Turkey . . . . .	8,600	8,600	8,600	1.55	1.51	1.60	13,300	13,000	13,800
Yemen (Sana) . . . . .	65	75	75	1.23	1.33	1.33	80	100	100
Yemen, PDR (Aden) . . . . .	15	15	15	1.20	1.33	1.33	18	20	20
Total . . . . .	76,083	77,625	77,080	1.59	1.68	1.63	120,608	130,680	125,435
Oceania:									
Australia . . . . .	10,189	11,159	11,475	1.78	1.44	.92	18,090	16,117	10,600
New Zealand . . . . .	89	84	90	3.67	3.87	3.70	327	325	333
Total . . . . .	10,278	11,243	11,565	1.79	1.46	.95	18,417	16,442	10,933
World total . . . . .	226,605	226,096	233,949	1.97	1.86	1.84	447,202	419,924	431,129

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. 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 1979 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1979 and end early in 1980.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 12.—Wheat and flour: United States imports, 1966-79

Year beginning June	Wheat		Flour (wheat equivalent) <sup>2</sup>	Other products (wheat equivalent) <sup>2</sup>	Total wheat, flour, and other products
	Suitable for milling <sup>1</sup>	Unfit for human consumption			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1966	891	400	174	368	1,833
1967	(4)	460	27	438	925
1968	(4)	484	91	471	1,046
1969	794	1,417	55	567	2,833
1970	397	265	90	723	1,475
1971	101	82	89	781	1,053
1972	29	52	90	1,131	1,302
1973	1,262	70	178	1,113	2,623
1974	1,734	109	387	1,134	3,364
1975	631	344	92	1,307	2,374
1976	1,298	20	32	1,381	2,731
1977	424	2	20	1,475	1,921
1978	18	15	45	1,772	1,850
1979	155	50	62	1,869	2,136

<sup>1</sup>Imports of wheat of milling quality have been limited to a quota of 800,000 bushels per year since May 29, 1941, of which 795,000 bushels may come from Canada. Quantities in excess of the 800,000-bushel quota represent quota-free imports of seed wheat authorized by Presidential Proclamation 2550, April 16, 1942. During the war years 1943-44 and 1944-45 this import restriction was waived. As of Jan. 26, 1974, import quotas for wheat and milled wheat products were suspended. <sup>2</sup>Imports of flour have been limited to a quota of 4,000,000 pounds per year since May 29, 1941, of which 3,815,000 pounds may come from Canada (total quota is 93,200 bushels, wheat equivalent). Flour for special experimental purposes may be imported ex-quota. Excludes flour "free for export." <sup>3</sup>Includes macaroni, semolina, and similar products. <sup>4</sup>Less than 500 bushels.

Economic Research Service.

Table 13.—Wheat and flour: United States exports under specified Government programs, 1966-79

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1966	215,152	39,719	24,032	15,779	1,869	2,194	298,745
1967	225,308	117,729	26,654	12,547		746	382,984
1968	82,558	111,940	36,151	9,951		1,515	242,115
1969	69,447	154,697	33,668	11,430			269,242
1970	46,970	143,267	30,477	11,381		966	233,061
1971	22,686	153,382	37,858	13,006		754	227,686
1972		90,576	35,954	12,603		<sup>8</sup> - 86	139,047
1973		26,355	10,891	8,502		11,074	56,822
1974		102,269	6,705	7,873			116,847
1975		105,861	2,734	7,046		8,348	123,989
(9)		(44,350)	(2,752)	(1,526)		(6,481)	(55,109)
1976		133,504	8,887	17,842		15,836	158,277
1977		127,137	6,851	12,983		13,808	160,779
1978		133,505	6,714	11,174		243	151,636
1979		112,898	5,545	4,776		2,574	125,792

<sup>1</sup>Year beginning July 1 for 1966-75 and Oct. 1 beginning 1976. <sup>2</sup>Authorized by Title I, P.L. 480. <sup>3</sup>Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480 amended by P.L. 89-808. <sup>4</sup>Authorized by Title II, P.L. 480. <sup>5</sup>Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. <sup>6</sup>Authorized by Sec. 303, Title III, P.L. 480, and other legislation. <sup>7</sup>Foreign Assistance Act of 1961, as amended. <sup>8</sup>Negative quantity due to adjustments for prior periods. <sup>9</sup>Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 14. — Wheat and flour<sup>1</sup>: International trade, 1977-79

Country	Year beginning July					
	1977		1978		1979 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<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>
<b>Principal exporters:</b>						
Canada	15,860		13,459		15,000	
United States <sup>3</sup>	31,538	54	32,311	27	37,198	54
Argentina	2,600		3,300		4,750	
Australia	11,081		6,700		14,900	
Uruguay		112		174		167
Bulgaria	271	100	201	250	396	100
France	7,500	389	9,200	530	9,600	505
Italy	770	4,180	1,116	2,527	3,395	1,579
Romania	1,400	500	953	300	200	400
Spain	16	168	44	289	50	300
Sweden	792	10	476	22	393	35
Soviet Union	1,000	6,649	1,500	5,142	500	12,100
Algeria		1,591		1,700		1,800
Morocco		1,768		1,422		1,610
Syria	3	664		434		519
Tunisia		761		603		670
Turkey	1,256	6	1,896		356	
<b>Total<sup>4</sup></b>	<b>74,087</b>	<b>16,952</b>	<b>71,156</b>	<b>13,420</b>	<b>86,738</b>	<b>19,839</b>
<b>Principal importers:</b>						
Jamaica		130		180		180
Trinidad and Tobago		110		97		102
Cuba		1,060		1,000		1,000
Brazil		3,099		3,700		4,036
Peru		772		724		825
Austria	232	6	173	3	72	3
Belgium and Luxembourg	362	781	1,174	1,698	1,300	1,400
Denmark	205	35	135	24	152	50
Finland	12	32		268		325
Germany, Fed. Rep. of	1,656	1,590	1,100	1,361	1,692	1,333
Greece	260	2	803	2	597	2
Ireland	24	239	48	218	25	230
Netherlands	932	1,393	1,134	1,628	210	918
Norway		330	4	335	1	301
Switzerland	12	282	12	295	12	270
United Kingdom	334	3,680	182	2,750	610	2,490
Yugoslavia	10	220	80	3	10	1,127
Egypt		4,330		4,800		5,200
South Africa	162		140		130	
India	536	313	643	16	819	2
Indonesia		1,127		1,225		1,325
Israel		436		578		520
Japan	50	5,764	88	5,744	111	5,599
Korea, Rep. of		1,806		1,600		1,829
Lebanon	5	237	3	305	10	366
Malaysia	36	504	28	454	22	410
Pakistan		1,005		2,111		550
Philippines		760		717		825
<b>Total<sup>4</sup></b>	<b>4,828</b>	<b>30,043</b>	<b>5,141</b>	<b>31,836</b>	<b>5,773</b>	<b>31,218</b>

<sup>1</sup>Flour reported in terms of grain equivalent.

<sup>2</sup>Preliminary.

<sup>3</sup>United States exports exclude exports of flour milled in bond from imported wheat.

<sup>4</sup>Total for indicated countries only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 15.—Wheat and flour<sup>1</sup>: United States exports (domestic) by country of destination, 1978 and 1979

Country of destination	Year <sup>2</sup>		Country of destination	Year <sup>2</sup>	
	1978	1979		1978	1979
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Wheat:			Wheat flour, wholly of		
Canada	( <sup>3</sup> )	( <sup>3</sup> )	U.S. wheat:		
Central America	443,132	493,877	Central America	7,609	4,850
Caribbean	213,822	473,247	Jamaica	31,011	21,483
Brazil	1,663,091	1,943,664	Trinidad and Tobago	151	532
Chile	537,456	907,387	Other Caribbean	18,795	9,520
Colombia	423,555	637,194	Bolivia	6,772	12,676
Ecuador	255,778	329,661	Brazil	2,301	3,712
Peru	338,449	625,559	Chile	11,617	10,618
Venezuela	746,271	710,755	Colombia	2,054	3,093
Other Americas	1,400,236	1,066,177	Guyana	366	1,551
Total Americas	6,021,790	7,187,521	Other Americas	19,261	25,383
Belgium and Luxembourg	114,699	113,866	Greece	21	.....
France	133,402	226,709	Netherlands	1,877	2,185
Germany, Fed. Rep. of	71,092	104,353	Portugal	68	.....
Ireland	.....	.....	Other Europe	2,570	1,572
Italy	285,131	560,670	Total Europe	4,536	3,757
Netherlands	706,874	643,406	Sri Lanka	145,949	12,134
Norway	38,266	99,518	Japan	197	6
Portugal	626,158	597,089	Netherlands	4,365	793
Spain	112,231	291,554	Jordan	65	5
Switzerland	6,691	22,609	Korea, Rep. of	379	577
United Kingdom	330,352	297,401	Philippines	26,737	24,499
Other Europe	4,763,599	5,093,648	Saudi Arabia	166,974	228,191
Total Europe	7,188,495	8,050,823	Other Asia	50,206	60,383
Taiwan	680,356	649,572	Total Asia	394,872	326,588
India	454	24,363	Ghana	.....	.....
Iran	816,032	49,999	Morocco	18,895	35,496
Israel	560,677	482,378	Other Africa	594,543	717,871
Japan	3,336,617	3,266,362	Total Africa	613,438	753,367
Korea, Rep. of	1,678,635	1,755,657	Oceania	4,469	4,162
Lebanon	72,048	156,075	World total	1,117,252	1,181,293
Pakistan	794,756	205,101	Relief or charity <sup>4</sup>	163,541	150,377
Philippines	797,794	793,151			
Syria	35,223	.....			
Turkey	.....	.....			
Other Asia	4,523,163	7,033,495			
Algeria	387,385	401,642			
Morocco	167,711	455,376			
South Africa	.....	11,285			
Tunisia	199,131	288,691			
Other Africa	2,602,710	3,111,905			
Other countries	1,477,093	2,142,109			
World total	31,340,070	36,065,505			
Relief or charity <sup>4</sup>	178,669	85,273			

<sup>1</sup> Flour reported in terms of grain equivalent.<sup>2</sup> Year beginning Oct. 1.<sup>3</sup> Transshipments through Canada have been included in data for countries of ultimate destination.<sup>4</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 16.—Wheat and flour: Recorded exports of wheat and flour through the International Wheat Agreement, crop year 1979-80<sup>1</sup>

Member country imports	Member country exports							Grand total
	United States	Canada	European Community	Australia	Argentina	Sweden	Spain and Greece	
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Algeria	679,300	498,877	563,809			5,000	239,090	1,986,076
Australia			25					25
Austria			364					364
Barbados	4,199	6,782	4,529					15,510
Bolivia	153,717		1,500		66,979			222,196
Brazil	2,149,093	1,033,493	26,376		1,507,618			4,716,580
Canada	84,665		11					84,676
Costa Rica	93,821							93,821
Cuba		1,299,611						1,299,611
Dominican Republic	189,244	2,449			2,000			193,693
Ecuador	288,596							288,596
Egypt	1,808,216	36,995	1,618,677	1,688,868		3,126		5,155,882
El Salvador	98,378	80,500						178,878
European Community:								
Belgium	86,600	12,101						98,701
Denmark		740		71				811
France	280,400	3,739			10,430		160	294,729
Germany, Fed. Rep. of	87,400	2,070		143				89,613
Italy	652,600	605,426			32,485			1,290,511
Netherlands	936,462	64,470						1,000,932
United Kingdom	243,400	1,450,707		683				1,694,790
Unspecified <sup>2</sup>							3,634	2,634
Finland	276,100	14,220	45,439		4,800	35,000		375,559
Greece		431	6,827					7,258
Guatemala	100,569	126						100,695
India	221,698			4				221,702
Iran	223,200	106,434	51,869	717,851	88,141			1,187,495
Iraq	472,300	487,869	30,218	1,186,672				2,177,059
Israel	523,133		28,473					551,606
Japan	3,203,933	1,299,690		1,067,700				5,571,323
Kenya	63,420	91	5,914	19,500		7,019		95,944
Korea, Rep. of	1,790,900	6,029						1,796,929
Lebanon	149,566	106,552	57,694					313,812
Libya		14,000	286,135				120	300,255
Malta	16,400		7,839					24,239
Mauritius	984		48,959	19,584				69,527
Morocco	475,860	215,399	1,014,507				24	1,705,790
Nigeria	1,053,900		81,366		8,400			1,143,666
Norway	99,500	184,932	28,718	34		85,000		398,184
Pakistan	160,655	34,280	97,122	318,120				610,177
Panama	62,037		1					62,038
Peru	661,185	48,284	4,500		232,739			946,708
Portugal	692,260	57,011	101,407				1,055	851,733
Saudi Arabia	540,109	7,464	658,447	168,085			494	1,374,599
South Africa		44	2,096					2,140
Spain	239,500	1,848	173					241,521
Sweden		1,103	6,768	35				7,906
Switzerland	98,500	102,401	118,039		1,900			320,840
Syria	47,569	19,500	454,823				6,319	528,211
Trinidad and Tobago	83,200	15,862	3,097					102,159
Tunisia	537,396	49,140	207,795					794,331
Turkey	399							399
United Kingdom Territories	95,563	45,653	3,026	452				144,694
United States			77				15,518	15,595
Soviet Union	3,920,400	1,805,928	684,647	2,740,582	2,020,958			11,172,515
Vatican City			180					180
Venezuela	732,400	3,979						736,379
Total	24,378,727	9,726,230	6,251,447	7,928,384	3,976,450	135,145	265,414	52,661,797

<sup>1</sup> Data in this table are limited to exports and imports of wheat and flour during July 1, 1979 through June 30, 1980 by countries which are members of the International Wheat Agreement (IWA); they exclude approximately 30 million metric tons of wheat and flour exported to or imported from countries which are not members of the IWA.

Flour reported in terms of grain equivalent.

<sup>2</sup> Country of destination within EC not reported to International Wheat Council.

<sup>3</sup> Only export involving Greece.

Foreign Agricultural Service. Data from International Wheat Council Report for crop year 1979/80.

Table 17.—Rye: Area, yield, production, disposition, and value, United States, 1966–80

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested			For seed	Fed to livestock			
1966	3,980	1,276	21.8	27,791	1,438	3,119	23,214	1.06	29,977
1967	3,660	1,063	22.5	23,949	1,293	2,626	20,030	1.07	26,001
1968	3,425	998	23.1	22,871	1,391	2,354	19,226	1.02	23,666
1969	3,959	1,291	23.4	30,204			25,610	1.01	30,647
1970	4,196	1,427	25.8	36,840		4,594	31,144	.990	36,711
1971	4,842	1,751	28.1	49,223		5,697	42,726	.898	44,844
1972	3,458	1,050	26.9	28,256		4,216	24,040	.963	27,791
1973	3,380	955	25.8	24,677		4,672	20,005	1.91	46,532
1974	2,828	784	22.8	17,506		3,851	13,655	2.51	43,876
1975	2,791	728	21.9	15,924		3,641	12,283	2.36	37,406
1976	2,604	719	20.7	14,891		3,641	11,250	2.47	37,038
1977	2,555	677	24.4	16,543		3,758	12,785	2.06	34,539
1978	2,865	926	26.0	24,065		4,957	19,108	1.99	48,520
1979	2,921	869	25.8	22,389		4,521	17,868	2.06	47,020
1980 <sup>4</sup>	2,527	664	24.5	16,265		3,864	12,401	2.62	42,533

<sup>1</sup> Includes rye sown in preceding fall.

<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> Beginning 1969, not estimated separately.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 18.—Rye: Stocks on and off farms, United States, 1966–1980

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1966	15,536	9,552	7,532	3,580	22,188	18,821	16,756	15,097
1967	12,240	8,652	6,756	3,724	20,998	19,010	16,407	14,288
1968	13,250	8,770	5,841	1,990	18,314	15,425	14,097	13,967
1969	15,598	10,610	7,321	2,797	21,946	18,729	16,981	18,333
1970	20,313	14,437	10,219	2,328	27,829	26,367	24,142	25,548
1971	28,306	21,500	17,172	11,541	36,435	33,115	32,158	34,091
1972	20,701	15,471	12,641	6,607	40,632	38,058	35,781	26,484
1973	13,764	7,343	4,194	2,603	22,152	13,640	13,456	8,214
1974	10,935	6,082	3,861	2,717	8,881	5,509	4,080	2,941
1975	8,987	5,299	2,924	2,032	5,654	3,777	2,830	2,371
1976	7,908	4,727	2,836	1,949	6,120	4,151	3,367	2,465
1977	10,070	5,879	3,886	2,538	4,074	2,910	1,963	1,431
1978	15,666	9,990	7,769	6,026	6,877	5,178	3,895	2,947
1979	16,633	10,885	8,988	7,050	8,165	6,842	6,023	5,142
1980 <sup>3</sup>	11,546	5,817	3,477	.....	6,856	3,468	3,322	.....

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.

<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 19.—Rye: Supply and disappearance, United States, 1966–80

Year beginning June	Supply				Disappearance							Ending stocks May 31
	Beginning stocks	Production	Im-ports	Total	Domestic use					Exports	Total disappearance	
					Food	Seed	Industry	Feed <sup>1</sup>	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1966	20,469	27,791	1,501	49,761	5,153	5,422	4,712	9,895	25,182	4,205	29,387	20,374
1967	20,374	23,949	759	45,082	5,704	5,143	4,755	6,968	22,570	2,993	25,563	19,519
1968	19,519	22,971	1,056	43,546	5,563	5,753	4,697	9,157	25,170	1,082	26,252	17,294
1969	17,294	30,204	472	47,970	5,392	6,054	4,310	9,529	25,285	805	26,090	21,880
1970	21,880	36,840	1,047	59,767	5,430	6,873	3,522	11,407	27,232	3,204	30,436	29,331
1971	29,331	49,223	241	78,795	5,195	5,262	3,005	16,276	29,738	2,177	31,915	46,880
1972	46,880	28,256	154	75,290	5,122	5,321	3,038	16,458	29,939	6,535	36,474	38,816
1973	38,816	24,677	1	63,494	6,250	4,967	2,547	8,042	21,806	27,513	49,319	14,175
1974	14,175	17,506	277	31,958	5,459	4,215	1,386	7,811	18,871	6,465	25,336	6,622
1975	6,622	15,924	944	23,490	4,172	4,217	2,060	7,521	17,970	1,117	19,087	4,403
1976	4,403	14,891	248	19,542	3,696	4,217	1,930	5,247	15,090	38	15,128	4,414
1977	4,414	16,543	127	21,084	3,648	4,806	1,875	6,762	17,091	24	17,115	3,969
1978	3,969	24,065	145	28,179	3,690	4,900	2,383	7,874	18,847	359	19,206	8,973
1979	8,973	22,389	7	31,369	3,523	4,200	2,116	6,916	16,755	2,422	19,177	12,192
1980 <sup>2</sup>	12,192	16,265	.....	28,457	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Residual item; roughly approximates total use as feed.<sup>2</sup> Preliminary.

Economic Research Service.

Table 20.—Rye: Area, yield, and production, by States, 1978–80

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</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 bush-els	1,000 bush-els	1,000 bush-els
Colo	30	42	29	5	5	6	21.0	20.0	20.0	105	100	120
Del	35	40	30	4	3	3	25.0	24.0	29.0	100	72	87
Ga	490	510	450	110	110	95	23.0	21.0	21.0	2,530	2,310	1,995
Ill	65	70	70	16	17	16	23.0	23.0	23.0	368	391	368
Ind	33	40	35	7	8	7	25.0	26.0	26.0	175	208	182
Iowa	19	22	19	5	5	5	30.0	29.0	30.0	150	145	150
Kans	90	85	60	15	18	10	21.0	28.0	21.0	315	504	210
Ky	59	66	54	4	4	3	27.0	24.0	24.0	108	96	72
Md	50	50	60	8	7	8	30.0	29.0	27.0	240	203	216
Mich	130	135	130	25	25	21	24.0	25.0	24.0	600	625	504
Minn	115	100	85	98	91	76	24.0	25.0	25.0	2,352	2,275	1,900
Mo	47	55	40	7	8	5	25.0	23.0	23.0	175	184	115
Nebr	70	70	55	40	35	26	19.0	22.0	18.0	760	770	468
N.J	76	79	82	11	10	8	23.0	25.0	27.0	253	250	216
N.Y	105	107	98	9	10	9	31.0	32.0	32.0	279	320	288
N.C	135	145	140	20	20	20	23.0	23.0	20.0	460	460	400
N.Dak	200	170	100	180	150	70	30.0	28.0	21.0	5,400	4,200	1,470
Ohio	70	65	80	6	5	7	31.0	31.0	33.0	186	155	231
Okla	190	200	200	30	35	34	19.0	26.0	24.0	570	910	816
Oreg	34	31	35	7	6	6	24.0	24.0	25.0	168	144	150
Pa	65	65	55	16	17	14	32.0	27.0	31.0	512	459	434
S.C	115	130	126	33	29	28	22.0	21.0	22.0	726	609	616
S.Dak	220	250	150	200	190	130	31.0	30.0	31.0	6,200	5,700	4,030
Tenn <sup>3</sup>	24	.....	.....	2	.....	.....	19.0	.....	.....	38	.....	.....
Tex	150	170	150	29	27	26	14.0	19.0	19.0	406	513	494
Va	180	180	150	17	16	13	25.0	24.0	25.0	425	384	325
Wash <sup>3</sup>	23	.....	.....	3	.....	.....	21.0	.....	.....	63	.....	.....
Wis	40	40	40	17	16	16	21.0	23.0	23.0	357	368	368
Wyo	5	4	4	2	2	2	22.0	17.0	20.0	44	34	40
U.S.	2,865	2,921	2,527	926	869	664	26.0	25.8	24.5	24,065	22,389	16,265

<sup>1</sup> Relates to the total area of rye sown for all purposes; area planted in preceding fall.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued after 1978 crop.

Statistical Reporting Service.



**Table 21.—Rye: Production, disposition, and value, by States, crop of 1980 (preliminary)**

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Colo	120	30	90	2.55	306	230
Del	87	24	63	2.80	244	176
Ga	1,995	798	1,197	2.20	4,389	2,633
Ill	368	55	313	2.50	920	783
Ind	182	62	120	3.00	546	360
Iowa	150	51	99	3.20	480	317
Kans	210	63	147	2.40	504	353
Ky	72	24	48	2.45	176	118
Md	216	91	125	2.80	605	350
Mich	504	217	287	2.85	1,436	818
Minn	1,900	152	1,748	2.70	5,130	4,720
Mo	115	23	92	2.55	293	235
Nebr	468	117	351	2.30	1,076	807
N.J	216	52	164	3.20	691	525
N.Y	288	98	190	2.75	792	523
N.C	400	140	260	3.35	1,340	871
N.Dak	1,470	265	1,205	2.55	3,749	3,073
Ohio	231	88	143	2.25	520	322
Okla	816	245	571	2.00	1,632	1,142
Oreg	150	19	131	2.90	435	380
Pa	434	273	161	3.35	1,454	539
S.C	616	191	425	3.20	1,971	1,360
S.Dak	4,030	403	3,627	2.70	10,881	9,793
Tex	494	133	361	2.00	988	722
Va	325	130	195	2.80	910	546
Wis	368	110	258	2.60	957	671
Wyo	40	10	30	2.70	108	81
U.S	16,265	3,864	12,401	2.62	42,533	32,448

Statistical Reporting Service.

**Table 22.—Rye: Price-support operations, United States, 1966–81**

Year beginning July <sup>1</sup>	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1966	1.02	72	2.4	8.6	1.6	7.3
1967	1.02	73	2.7	11.3	2.5	8.0
1968	1.02	72	4.6	19.7	3.0	<sup>5</sup> 10.9
1969	1.02	69	6.9	21.8	6.2	<sup>5</sup> 16.1
1970	1.02	68	12.1	32.9	11.2	<sup>5</sup> 20.9
1971	.89	57	20.0	40.6	11.5	<sup>5</sup> 31.0
1972	.89	56	6.9	23.6	1.5	<sup>5</sup> 1
1973	.89	51	.4	1.5	.....	.....
1974	.89	46	.2	1.0	.....	.....
1975	.89	39	.1	.6	.....	.....
1976	1.20	48	.1	1.0	.....	.....
1977	1.70	61	.9	5.4	.....	.....
1978	1.70	56	3.0	11.5	.....	.....
1979	1.70	49	<sup>6</sup> 2.0	<sup>6</sup> 8.2	.....	.....
1980	1.91	51	.....	.....	.....	.....
1981	<sup>6</sup> 1.91	.....	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>4</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Uncommitted CCC inventory.

<sup>6</sup> Preliminary.

Table 23. — Rye: Area, yield, and production in specified countries, 1978-80<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <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
North America:									
Canada	318	330	310	1.90	1.59	1.45	605	525	448
United States	403	379	283	1.65	1.64	1.45	665	622	411
Total	721	709	593	1.76	1.62	1.45	1,270	1,147	859
South America:									
Argentina	260	225	210	.81	.90	.90	210	202	190
Brazil	15	18	..	.93	.94	..	14	17	..
Chile	11	7	8	1.00	1.29	1.25	11	9	10
Total	286	250	218	.82	.91	.92	235	228	200
Europe:									
Belgium-Luxembourg	17	14	12	3.76	3.64	3.75	64	51	45
Denmark	84	70	56	3.75	3.67	3.55	315	257	199
France	138	116	128	3.15	3.06	3.18	435	355	407
Germany, Fed. Rep. of	674	583	569	3.78	3.75	3.85	2,548	2,189	2,189
Italy	15	15	15	2.40	2.47	2.40	36	37	36
Netherlands	20	12	10	3.40	4.08	4.00	68	49	40
United Kingdom	9	7	6	3.33	2.86	3.33	30	20	20
Total EC	957	817	796	3.65	3.62	3.69	3,496	2,958	2,936
Austria	109	106	109	3.76	2.62	3.51	410	278	383
Finland	38	37	60	1.95	2.08	2.15	74	77	129
Greece	3	3	3	1.67	2.00	2.00	5	6	6
Norway	2	1	2	4.00	4.00	2.50	8	4	5
Portugal	213	208	217	.58	.54	.59	123	113	127
Spain	228	212	217	1.10	1.01	1.34	251	215	290
Sweden	81	59	65	3.68	3.31	3.71	298	195	241
Switzerland	10	10	10	4.50	4.50	4.50	45	45	45
Total Western Europe	1,641	1,453	1,479	2.87	2.68	2.81	4,710	3,891	4,162
Albania	12	12	12	.83	.83	.83	10	10	10
Bulgaria	10	10	10	1.20	1.40	1.40	12	14	14
Czechoslovakia	187	200	180	3.34	2.41	3.25	625	482	585
German Dem. Rep.	652	678	620	2.91	2.70	2.74	1,895	1,830	1,700
Hungary	78	69	75	1.74	1.45	1.73	136	100	130
Poland	3,030	2,868	2,925	2.45	1.81	2.26	7,434	5,201	6,600
Romania	40	35	35	1.25	1.14	1.14	50	40	40
Yugoslavia	63	59	60	1.29	1.37	1.40	81	81	84
Total Eastern Europe	4,072	3,931	3,917	2.52	1.97	2.34	10,243	7,758	9,163
Total Europe	5,713	5,384	5,396	2.62	2.16	2.47	14,953	11,649	13,325
Soviet Union (Europe and Asia)	7,719	6,476	8,500	1.76	1.25	1.15	13,603	8,100	9,800
Africa:									
South Africa	20	33	30	.15	.18	.17	3	6	5
Total	20	33	30	.15	.18	.17	3	6	5
Asia:									
Turkey	470	470	450	1.32	1.32	1.33	620	620	600
Total	470	470	450	1.32	1.32	1.33	620	620	600
Oceania:									
Australia	24	26	26	.58	.77	.65	14	20	17
Total	24	26	26	.58	.77	.65	14	20	17
World total	14,953	13,348	15,213	2.05	1.63	1.63	30,698	21,770	24,806

<sup>1</sup>Years shown refer to years of harvest in the Northern Hemisphere. 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 1979 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1979 and end early in 1980. <sup>2</sup>Harvested area as far as possible. <sup>3</sup>Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 24.—Rice, rough: Area, yield, production, disposition, and value, United States, 1966–80

Year	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per cwt. received by farmers <sup>1</sup>	Value of production <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	1,980.3	1,967.2	4,322	85,020	658	84,362	4.95	421,018
1967	1,982.2	1,970.1	4,537	89,379	576	88,803	4.97	443,995
1968	2,366.6	2,353.4	4,425	104,142	680	103,462	5.00	521,237
1969	2,140.6	2,128.4	4,318	91,904	560	91,344	4.95	455,045
1970	1,825.8	1,814.7	4,618	83,805	456	83,349	5.17	433,186
1971	1,826.0	1,817.9	4,718	85,768	499	85,269	5.34	457,697
1972	1,824.0	1,817.9	4,700	85,439	515	84,924	6.73	574,907
1973	2,181.3	2,170.2	4,274	92,765	741	92,024	13.80	1,279,990
1974	2,550.0	2,531.0	4,440	112,386	1,043	111,343	11.20	1,261,359
1975	2,833.0	2,818.0	4,558	128,437	763	127,674	8.35	1,071,924
1976	2,489.0	2,480.0	4,663	115,648	378	115,270	7.02	811,358
1977	2,261.0	2,249.0	4,412	99,223	814	98,409	9.49	941,248
1978	2,993.0	2,970.0	4,484	133,170	602	132,568	8.16	1,087,000
1979	2,890.0	2,869.0	4,599	131,947	851	131,096	10.50	1,383,993
1980 <sup>2</sup>	3,363.0	3,295.0	4,403	145,063	845	144,218	12.00	1,740,756

<sup>1</sup>Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup>Preliminary.

Statistical Reporting Service.

Table 25.—Rice, rough: Stocks on and off farms, United States, 1966–81

Year	On farms			Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	Aug. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>2</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>
1966	7,123	2,527	347	38,830	23,456	5,133	1,815
1967	8,252	2,056	226	47,752	28,619	5,971	1,346
1968	9,585	2,491	120	47,249	24,378	3,339	268
1969	14,587	9,512	332	53,100	36,608	12,161	7,280
1970	10,536	4,855	242	53,293	39,107	12,973	7,734
1971	10,121	3,335	203	49,276	32,001	14,689	7,565
1972	10,924	3,531	133	49,776	29,104	8,291	.....
1973	4,714	1,476	94	44,130	22,791	2,845	.....
1974	7,729	1,536	77	44,435	25,175	3,877	.....
1975	13,608	2,902	63	55,106	31,426	3,987	.....
1976	24,713	12,800	657	66,333	50,481	30,688	.....
1977	21,006	6,761	709	79,142	61,614	32,642	.....
1978	8,269	3,157	586	68,813	49,898	20,542	.....
1979	28,089	14,381	623	67,828	53,139	24,515	.....
1980	31,021	12,030	563	72,897	55,368	19,530	.....
1981 <sup>3</sup>	26,179	5,977	.....	69,934	44,665	.....	.....

<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>Oct. 1 estimates discontinued in 1972.

<sup>3</sup>Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 28

<sup>1</sup>Consolidated supply and disappearance of rough and milled rice. Converted milled rice data to a rough rice basis using annually derived extraction rates as factors.

<sup>2</sup>Based on Bureau of Census reports. Estimates for 1968, 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments.

<sup>3</sup>Results from storage handling and processing losses.

<sup>4</sup>Less than 50,000 cwt.

<sup>5</sup>Preliminary.

Economic Research Service. Totals may not add due to independent rounding.

Table 26.—Rice, by length of grain: Area, yield, and production, United States, 1972–80

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>
1972 .....	913.2	751.7	153.0	4,682	4,548	5,552	42,760	34,184	8,495
1973 .....	1,058.4	937.8	174.0	4,139	4,196	5,524	43,807	39,347	9,611
1974 .....	1,370.0	949.6	211.4	4,375	4,358	5,234	59,934	41,387	11,065
1975 .....	1,453.3	1,141.2	223.5	4,376	4,579	5,633	63,593	52,255	12,589
1976 .....	1,531.0	794.0	155.0	4,576	4,634	5,681	70,051	36,792	8,805
1977 .....	1,467.0	595.0	187.0	4,240	4,415	5,746	62,206	26,272	10,745
1978 .....	1,925.0	816.6	228.4	4,405	4,464	5,221	84,792	36,454	11,924
1979 .....	1,940.0	749.0	180.0	4,159	5,397	6,019	80,692	40,421	10,834
1980 <sup>1</sup> .....	2,191.0	962.6	141.4	4,015	5,068	5,880	87,962	48,786	8,315

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 27.—Rice, rough, by length of grain: Stocks in all positions, United States, 1972–81

Year	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 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>
1972 ..	.....	.....	4,010	.....	.....	.....	3,050	141	.....	.....	1,364	175
1973 ..	21,247	10,618	1,112	.....	21,495	9,859	937	5	6,102	3,790	890	34
1974 ..	25,302	13,774	2,132	.....	19,866	8,270	939	44	6,996	4,667	883	57
1975 ..	36,393	16,532	1,450	.....	22,502	12,822	1,264	644	9,819	4,974	1,336	164
1976 ..	40,705	24,749	14,260	.....	40,575	31,990	13,579	3,851	9,766	6,542	3,506	1,868
1977 ..	54,987	32,262	12,950	.....	36,532	29,129	17,523	5,376	8,629	6,984	2,878	722
1978 ..	42,641	28,929	9,624	.....	26,617	18,634	9,327	2,804	7,824	5,492	2,177	424
1979 ..	54,785	36,222	11,049	.....	30,878	23,559	10,776	2,698	10,254	7,739	3,313	684
1980 ..	62,318	40,062	10,515	.....	32,645	21,125	6,783	257	8,955	6,211	2,795	326
1981 <sup>2</sup> ..	54,909	27,982	.....	.....	34,928	18,154	.....	.....	6,276	4,506	.....	.....

<sup>1</sup> California only.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 28.—Rough rice and milled rice (rough equivalent): Supply and disappearance, United States, 1966–80<sup>1</sup>

Year beginning August	Supply				Disappearance							Statistical discrepancies <sup>(3)</sup>	Ending stocks July 31
	Beginning stocks	Production	Imports	Total	Domestic use				Exports <sup>(2)</sup>	Total disappearance			
					Food	Industry	Seed	Total					
	<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>	<i>Million cwt.</i>	<i>Million cwt.</i>	
1966 .....	8.2	85.0	( <sup>4</sup> )	93.3	24.0	5.3	2.7	31.9	51.6	83.5	1.2	8.5	
1967 .....	8.5	89.4	( <sup>4</sup> )	97.9	25.0	5.4	3.2	33.7	56.9	90.6	.6	6.8	
1968 .....	6.8	104.1	( <sup>4</sup> )	110.9	27.0	5.8	2.9	35.6	56.1	91.7	3.0	16.2	
1969 .....	16.2	91.9	0.2	108.3	23.5	7.1	2.5	33.1	56.9	90.0	1.9	16.4	
1970 .....	16.4	83.8	1.4	101.7	25.1	6.8	2.5	34.4	46.5	80.9	2.1	18.6	
1971 .....	18.6	85.8	1.1	105.5	25.5	7.4	2.5	35.4	56.9	92.3	1.8	11.4	
1972 .....	11.4	85.4	.5	97.4	25.1	7.7	3.0	35.7	54.0	89.8	2.5	5.1	
1973 .....	5.1	92.8	.2	98.1	26.1	8.1	3.6	37.8	49.7	87.5	2.7	7.8	
1974 .....	7.8	112.4	( <sup>4</sup> )	120.3	28.6	8.4	4.0	41.0	69.5	110.5	2.7	7.1	
1975 .....	7.1	128.4	( <sup>4</sup> )	135.5	27.7	9.1	3.5	40.3	56.5	96.8	1.8	36.9	
1976 .....	36.9	115.6	.1	152.6	29.2	10.3	3.2	42.7	65.6	108.3	3.8	40.5	
1977 .....	40.5	99.2	.1	139.8	23.5	9.9	4.3	37.7	72.8	110.5	1.9	27.4	
1978 .....	27.4	133.2	.1	160.6	33.7	11.2	4.3	49.2	75.7	124.9	4.1	31.6	
1979 <sup>5</sup> .....	31.6	131.9	.1	163.6	32.9	11.2	4.8	48.9	82.5	131.4	6.5	25.7	
1980 <sup>5</sup> .....	25.7	145.1	.....	170.8	.....	.....	.....	.....	.....	.....	.....	.....	

See footnotes on page 19.

Table 29.—Rice, by length of grain: Area, yield, and production, by States, 1978–80

State	Area harvested			Yield per acre			Production		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
Ark .....	908.0	881.0	1,083.0	4,400	4,250	4,025	39,952	37,443	43,591
La .....	238.0	285.0	250.0	3,850	3,875	3,550	9,163	11,044	8,875
Miss .....	213.0	206.0	236.0	4,250	4,050	3,850	9,052	8,343	9,086
Mo .....	28.0	32.0	50.0	4,300	3,800	4,200	1,204	1,216	2,100
Tex .....	538.0	536.0	572.0	4,725	4,225	4,250	25,421	22,646	24,310
U.S .....	1,925.0	1,940.0	2,191.0	4,405	4,159	4,015	84,792	80,692	87,962
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>
Ark .....	150.0	110.0	175.0	4,625	4,805	4,600	6,937	5,286	8,050
Calif .....	294.0	373.0	432.0	5,200	6,600	6,500	15,288	24,618	28,080
La .....	349.0	243.0	335.0	3,800	3,950	3,550	13,262	9,599	11,893
Miss .....	2.0	1.0	4.0	4,300	4,100	3,500	86	41	140
Mo .....	1.6	3.0	4.6	4,750	3,900	4,150	76	117	191
Tex .....	20.0	19.0	12.0	4,025	4,000	3,600	805	760	432
U.S .....	816.6	749.0	962.6	4,464	5,397	5,068	36,454	40,421	48,786
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>
Ark .....	32.0	29.0	22.0	5,050	4,605	4,425	1,616	1,335	974
Calif .....	196.0	149.0	116.0	5,250	6,325	6,225	10,290	9,424	7,221
Mo .....	.4	.....	1.4	4,500	.....	3,575	18	.....	50
Tex .....	.....	2.0	2.0	.....	3,750	3,500	.....	75	70
U.S .....	228.4	180.0	141.4	5,221	6,019	5,880	11,924	10,834	8,315

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 30.—Rice: Area, yield, and production, by States, 1978–80

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark .....	1,100.0	1,030.0	1,300.0	1,090.0	1,020.0	1,280.0	4,450	4,320	4,110	48,505	44,064	52,615
Calif .....	493.0	525.0	552.0	490.0	522.0	548.0	5,220	6,520	6,440	25,578	34,042	35,301
La .....	590.0	530.0	615.0	587.0	528.0	585.0	3,820	3,910	3,550	22,425	20,643	20,768
Miss .....	220.0	210.0	250.0	215.0	207.0	240.0	4,250	4,050	3,840	9,138	8,384	9,226
Mo .....	30.0	35.0	56.0	30.0	35.0	56.0	4,330	3,810	4,180	1,298	1,333	2,341
Tex .....	560.0	560.0	590.0	558.0	557.0	586.0	4,700	4,220	4,230	26,226	23,481	24,812
U.S .....	2,993.0	2,890.0	3,363.0	2,970.0	2,869.0	3,295.0	4,484	4,599	4,403	133,170	131,947	145,063

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 31.—Rice, milled, by length of grain: Stocks in all positions, United States, 1972-81

Year	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 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>
1972	.....	.....	550	.....	.....	.....	740	47	.....	.....	303	65
1973	1,142	1,774	500	.....	2,281	1,770	278	10	84	333	348	10
1974	1,117	1,467	792	.....	1,512	2,574	835	31	205	319	242	74
1975	1,697	1,185	421	.....	1,130	1,233	660	130	224	773	293	87
1976	1,893	1,454	922	.....	1,197	2,052	1,630	63	137	137	99	461
1977	1,802	2,140	1,618	.....	742	1,453	1,667	222	410	162	367	186
1978	3,417	3,945	1,719	.....	1,704	1,704	1,008	559	376	497	958	1,177
1979	3,349	2,757	2,302	.....	795	1,722	706	380	720	525	144	207
1980	3,312	3,840	2,471	.....	1,983	2,039	824	141	123	98	163	88
1981 <sup>2</sup>	3,909	3,296	.....	.....	1,702	2,731	.....	.....	67	109	.....	.....

  

Year	Broken kernels <sup>3</sup>											
	Second heads				Screenings				Brewers			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 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>
1972	.....	.....	331	15	.....	.....	186	.....	.....	.....	86	20
1973	528	686	329	39	49	180	104	.....	215	142	47	8
1974	566	545	587	30	103	189	228	.....	391	160	119	2
1975	731	830	672	34	141	112	37	.....	369	136	81	27
1976	897	1,190	969	7	125	88	111	.....	317	182	161	23
1977	1,121	1,283	1,002	35	75	430	154	.....	193	218	348	27
1978	692	1,004	509	92	81	102	65	.....	174	214	88	22
1979	952	1,285	1,026	180	112	139	68	.....	211	277	337	69
1980	500	507	403	63	31	152	49	.....	121	154	125	17
1981 <sup>2</sup>	684	591	.....	.....	65	66	.....	.....	113	169	.....	.....

<sup>1</sup> California only.<sup>2</sup> Preliminary.<sup>3</sup> Screenings in California are included in second heads.

Statistical Reporting Service.

**Table 32.—Rice: Production, seed used, disposition, and value, by States, crop of 1980 (preliminary)<sup>1</sup>**

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ark .....	52,615	474	52,141	.....	.....	.....
Calif .....	35,301	177	35,124	.....	.....	.....
La .....	20,768	42	20,726	.....	.....	.....
Miss .....	9,226	37	9,189	.....	.....	.....
Mo .....	2,341	16	2,325	.....	.....	.....
Tex .....	24,812	99	24,713	.....	.....	.....
U.S. ....	145,063	845	144,218	12.00	1,740,756	1,730,616

<sup>1</sup> Prices by States not available.

Statistical Reporting Service.

**Table 33.—Rice, milled: United States exports under specified Government programs, 1966–79**

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</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>
1966 .....	15,494	2,762	.....	.....	.....	<sup>8</sup> -16	18,240
1967 .....	12,656	3,535	.....	.....	.....	547	16,738
1968 .....	6,626	15,053	.....	208	.....	137	22,024
1969 .....	9,782	10,925	22	142	.....	61	20,932
1970 .....	5,366	14,979	.....	.....	.....	3,356	23,701
1971 .....	3,588	14,343	5,462	.....	.....	3,132	26,525
1972 .....	.....	21,253	722	4	.....	2,721	24,700
1973 .....	.....	13,352	.....	.....	.....	146	13,498
1974 .....	.....	16,342	113	11	.....	2	16,468
1975 .....	.....	11,228	.....	.....	.....	111	11,339
( <sup>9</sup> ) .....	.....	(10,007)	.....	.....	.....	.....	(10,007)
1976 .....	.....	14,572	198	357	.....	8	15,135
1977 .....	.....	10,275	1,045	345	.....	.....	11,665
1978 .....	.....	9,224	1,135	315	.....	.....	10,674
1979 .....	.....	8,732	1,887	1,047	.....	.....	11,666

<sup>1</sup> Year beginning July 1 for 1966–75 and Oct. 1 beginning 1976.

<sup>2</sup> Authorized by Title I, P.L. 480.

<sup>3</sup> Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89–808.

<sup>4</sup> Authorized by Title II, P.L. 480.

<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89–808, effective Jan. 1, 1967.

<sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation.

<sup>7</sup> Foreign Assistance Act of 1961, as amended.

<sup>8</sup> Negative quantity due to adjustments for prior periods.

<sup>9</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 34.—Rice, rough: Price-support operations, United States, 1966–80

Year beginning August	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned <sup>6</sup> by CCC July 31 <sup>6</sup>
	Per cwt. <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million cwt.	Percent	Million cwt.	Million cwt.
1966	4.50	66	14.4	16.8	0.1	0.1
1967	4.55	66	16.4	18.3	(?)	.1
1968	4.60	66	24.3	22.7	6.3	6.3
1969	4.72	65	22.4	24.5	2.9	5.8
1970	4.86	65	21.5	25.7	3.7	9.4
1971	5.07	65	31.2	36.4	1.3	9.4
1972	5.27	65	22.9	26.8	(?)	2.7
1973	6.07	65	19.1	20.6	.....	.....
1974	7.54	65	9.3	8.3	(?)	.....
1975	8.52	65	23.3	18.2	17.3	17.3
1976	8.25	61	23.4	20.2	1.8	19.1
1977	8.25	59	19.5	19.7	.6	18.6
1978	8.53	56	27.1	20.3	.3	10.9
1979	9.05	53	26.0	19.0	.4	8.5
1980	9.49	50	25.0	17.0	.....	1.8

<sup>1</sup> Loan level from 1966 to 1975. For 1976 and 1977, the target price is a guarantee on allotted production and \$6.19 per cwt. is the loan rate on allotted production. For the 1978 and 1979 crop, the loan rate is \$6.40 and \$6.79. The 1980 loan rate is \$7.12 per cwt.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>4</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Includes milled rice in rough rice equivalent.

<sup>6</sup> Commencing 1975, inventories are shown as of September 30 due to change in fiscal year to October thru September.

<sup>7</sup> Less than 50,000 cwt.

Agricultural Stabilization and Conservation Service.

Table 35.—Rice: United States exports (milled basis), by country of destination, 1978 and 1979

Country of destination	Year beginning August <sup>1</sup>		Country of destination	Year beginning August <sup>1</sup>	
	1978	1979		1978	1979
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Canada	77,247	77,589	Indonesia	260,421	225,144
Mexico	8,579	26,977	Iran	348,110	31,105
Bahamas	5,151	5,604	Iraq	148,151	309,561
Dominican Republic	8	41,981	Korea, Rep. of	38,457	574,693
Haiti	14,545	22,345	Bangladesh	3,000	.....
Jamaica	5,318	3,423	Saudi Arabia	234,453	169,538
Netherlands Antilles	4,186	4,010	Syria	42,161	14,568
Chile	17,190	2,987			
Total Western Hemisphere <sup>2</sup>	236,042	304,191	Total Asia and Oceania <sup>2</sup>	1,200,252	1,541,336
Belgium-Luxembourg	41,801	85,008	Guinea	10,432	8,378
France	9,940	18,113	Ivory Coast	69,732	3,826
Italy	136,400	42,516	Liberia	40,567	61,872
Germany, Fed. Rep. of	28,801	23,776	Nigeria	183,578	137,864
Netherlands	26,377	39,139	Senegal	1,253	15,622
Portugal	56,565	30,361	South Africa	103,660	105,467
Sweden	9,886	9,360	Total Africa <sup>2</sup>	526,779	494,251
Switzerland	51,144	63,346	World total <sup>2</sup>	2,431,344	2,705,916
United Kingdom	48,666	30,074			
Total Europe <sup>2</sup>	468,271	366,137			

<sup>1</sup> Marketing year.

<sup>2</sup> Includes countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 36.—Rice, rough: Area, yield, and production in specified countries, 1978–80<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <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>									
Costa Rica	76	81	74	2.59	2.59	2.34	197	210	173
Cuba	220	200	210	2.09	2.30	2.15	460	460	451
Dominican Republic	115	120	125	2.68	2.82	2.83	308	338	354
El Salvador	14	15	17	3.63	3.90	3.35	51	58	57
Guatemala	12	13	15	2.15	3.15	3.94	26	41	59
Haiti	51	51	50	1.78	1.87	1.82	91	95	91
Honduras	15	19	19	2.75	2.67	2.84	41	51	54
Jamaica	4	5	5	1.56	1.88	1.80	6	9	9
Mexico	125	160	130	3.30	2.81	2.65	412	450	345
Nicaragua	30	9	25	3.12	6.53	3.68	94	59	92
Panama	99	102	90	1.88	2.04	1.97	186	208	177
Trinidad and Tobago	10	10	10	2.12	1.82	2.73	21	18	27
United States	1,205	1,162	1,354	5.01	5.14	4.89	6,040	5,969	6,625
<b>Total</b>	<b>1,976</b>	<b>1,947</b>	<b>2,124</b>	<b>4.01</b>	<b>4.09</b>	<b>4.01</b>	<b>7,933</b>	<b>7,966</b>	<b>8,514</b>
<b>South America:</b>									
Argentina	102	104	104	3.06	2.60	3.03	312	271	315
Bolivia	54	55	55	1.64	1.09	1.64	89	60	90
Brazil	5,400	6,380	6,700	1.41	1.52	1.49	7,600	9,700	10,000
Chile	33	48	41	3.17	3.78	2.33	105	182	95
Colombia	442	416	420	4.37	4.32	4.32	1,932	1,797	1,815
Ecuador	85	103	127	2.27	2.26	2.69	193	233	341
Guyana	115	88	100	2.40	2.44	2.76	276	215	276
Paraguay	35	40	40	1.98	1.88	1.88	69	75	75
Peru	100	115	100	4.30	4.16	3.58	430	478	358
Surinam	55	60	60	4.13	4.07	4.07	277	244	244
Uruguay	69	67	60	3.79	4.29	4.31	262	288	258
Venezuela	166	218	175	3.28	3.00	3.05	545	654	534
<b>Total</b>	<b>6,656</b>	<b>7,694</b>	<b>7,982</b>	<b>1.81</b>	<b>1.85</b>	<b>1.80</b>	<b>12,039</b>	<b>14,196</b>	<b>14,404</b>
<b>Europe:</b>									
France	11	7	7	2.94	3.78	3.36	32	26	24
Italy	191	181	175	5.00	6.08	5.60	956	1,100	980
<b>Total EC</b>	<b>202</b>	<b>188</b>	<b>182</b>	<b>4.89</b>	<b>5.99</b>	<b>5.51</b>	<b>988</b>	<b>1,126</b>	<b>1,004</b>
Greece	19	18	17	5.00	5.28	5.42	95	95	92
Portugal	33	35	37	4.10	3.87	4.16	135	135	154
Spain	68	69	68	5.90	6.20	6.39	401	428	435
<b>Total Western Europe</b>	<b>322</b>	<b>310</b>	<b>304</b>	<b>5.03</b>	<b>5.76</b>	<b>5.54</b>	<b>1,620</b>	<b>1,784</b>	<b>1,684</b>
Bulgaria	16	16	16	4.26	3.13	3.79	68	50	61
Hungary	24	22	25	.93	1.95	1.90	22	43	48
Romania	20	23	23	2.45	3.01	2.81	49	69	65
Yugoslavia	8	8	8	5.21	5.00	5.21	42	40	42
<b>Total Eastern Europe</b>	<b>68</b>	<b>69</b>	<b>72</b>	<b>2.66</b>	<b>2.93</b>	<b>2.98</b>	<b>181</b>	<b>202</b>	<b>215</b>
<b>Total Europe</b>	<b>390</b>	<b>379</b>	<b>376</b>	<b>4.62</b>	<b>5.24</b>	<b>5.05</b>	<b>1,801</b>	<b>1,986</b>	<b>1,899</b>
<b>Soviet Union (Europe and Asia)</b>	<b>580</b>	<b>610</b>	<b>650</b>	<b>3.62</b>	<b>3.92</b>	<b>3.69</b>	<b>2,097</b>	<b>2,391</b>	<b>2,400</b>
<b>Africa:</b>									
Algeria	1	1	1	2.00	2.00	1.43	2	2	1
Angola	20	20	20	1.25	1.25	1.23	25	25	25
Cameroon	55	55	55	.78	.82	.82	43	45	45
Chad	50	17	20	.80	1.18	1.02	40	20	20
Egypt	433	437	437	5.43	5.74	5.46	2,351	2,510	2,385
Gambia	30	45	40	.87	1.33	.85	26	60	34
Ghana	80	80	80	.94	.82	.75	75	66	60
Guinea	450	450	450	.87	.81	.78	391	366	351
Guinea-Bissau	38	40	42	.92	1.00	1.10	35	40	46
Ivory Coast	400	390	380	1.16	1.16	1.17	465	452	444
Kenya	7	7	7	5.57	5.29	5.29	39	39	37
Liberia	210	215	220	1.21	1.21	1.23	254	260	270
Madagascar	1,119	1,050	1,100	1.68	2.03	2.14	1,880	2,130	2,350
Mali	175	140	150	1.00	1.30	1.30	175	182	192
Mauritania	2	2	3	4.50	4.50	3.30	9	9	10
Morocco	9	8	6	3.70	3.41	4.04	33	27	24
Mozambique	65	65	65	.70	.92	1.00	45	60	65
Nigeria	414	428	550	2.00	2.11	2.05	827	902	1,128
Senegal	90	85	100	1.56	1.47	1.45	140	125	145
Sierra Leone	400	400	400	1.25	1.13	1.25	500	450	500
Somali Rep.	2	2	2	3.00	3.00	3.08	6	6	6

See footnotes at end of table.

Table 36.—Rice, rough: Area, yield, and production in specified countries, 1978–80<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <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
Africa—Continued									
Tanzania	145	150	150	1.45	1.47	1.43	210	220	215
Upper Volta	42	39	40	.95	.59	.69	40	23	28
Zaire	333	335	335	.68	.69	.70	226	231	234
Total	4,563	4,461	4,653	1.71	1.85	1.85	7,798	8,249	8,618
Asia:									
Afghanistan	210	210	190	2.19	2.17	2.00	460	455	380
Bangladesh	10,114	10,064	10,238	1.91	1.82	2.08	19,294	18,318	21,321
Burma	5,012	4,441	5,000	1.89	2.02	2.07	9,485	8,970	10,360
Kampuchea	300	600	900	1.13	.67	1.00	340	403	900
China	36,000	35,200	34,800	3.81	3.99	3.97	137,000	140,500	138,000
Taiwan	753	720	680	4.26	4.46	4.09	3,207	3,213	2,784
Hong Kong	2	2	2	2.00	2.00	2.21	4	4	4
India	40,196	38,000	40,300	2.01	1.68	2.01	80,824	63,814	81,081
Indonesia	8,929	8,850	9,300	2.89	2.98	3.08	25,772	26,350	28,676
Iran	315	300	310	4.09	4.04	3.79	1,288	1,212	1,174
Iraq	66	64	65	2.57	2.89	2.91	170	185	189
Japan	2,548	2,497	2,377	6.18	5.99	5.13	15,736	14,948	12,198
Korea, Dem. Peo. Rep. of	760	775	750	5.92	5.87	6.00	4,500	4,550	4,500
Korea, Rep. of	1,230	1,233	1,200	5.98	6.27	4.17	7,361	7,729	5,000
Laos	690	695	650	1.38	1.33	1.40	9,511	925	911
Malaysia	583	742	766	2.59	2.55	2.63	1,509	1,895	2,013
Nepal	1,265	1,245	1,260	1.85	1.62	1.80	2,339	2,014	2,267
Pakistan	2,026	2,033	2,000	2.42	2.38	2.33	4,913	4,836	4,655
Philippines	3,468	3,391	3,450	2.08	2.15	2.13	7,197	7,277	7,346
Saudi Arabia	1	1	1	3.00	3.00	3.00	3	3	3
Sri Lanka	723	697	725	2.57	2.71	2.70	1,857	1,888	1,956
Thailand	9,312	9,088	9,450	1.88	1.73	1.90	17,500	15,700	18,000
Turkey	70	75	80	4.18	4.62	4.81	292	346	385
Vietnam, Soc. Rep.	5,000	5,250	5,250	1.98	2.00	2.10	9,880	10,500	11,025
Total	129,573	126,173	129,744	2.72	2.66	2.74	351,884	336,035	355,129
Oceania:									
Australia	109	115	115	6.35	5.29	6.08	692	608	699
Total	109	115	115	6.35	5.29	6.08	692	608	699
World total	143,847	141,379	145,644	2.67	2.63	2.69	384,243	371,432	391,661

<sup>1</sup> Crop year beginning Aug. 1. Crops harvested in Northern Hemisphere during the latter part of the year shown 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.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 37.—Rice, milled equivalent<sup>1</sup>: International trade, 1977-79<sup>2</sup>

Continent and country	1977		1978		1979 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<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>
<b>North America:</b>						
Canada		89		89		85
El Salvador				5		2
Honduras		7		5		5
Mexico	6	1	60	15		35
Nicaragua			7	7		26
Panama	2		14		17	
United States	2,270	3	2,261	3	2,263	
Cuba	10	144		171		200
Jamaica		46		29		44
Trinidad and Tobago		33		25		25
Total	2,288	323	2,342	349	2,280	423
<b>South America:</b>						
Argentina	193		120		75	
Brazil	408		177	57		745
Guyana	67		106		84	
Chile	20	13	15	13	15	6
Colombia	36		89		100	
Ecuador	13		9	15		25
Peru						150
Surinam	57		76		78	
Uruguay	120		100		115	
Venezuela	45				63	
Total	959	13	692	85	532	926
<b>Europe:</b>						
Austria		43		42		46
Belgium and Luxembourg	33	93	35	90	60	120
Denmark	1	12	2	11	2	12
France	52	244	30	182	9	167
Germany, Fed. Rep. of	52	144	69	169	37	144
Greece	8				5	
Italy	275	15	409	263	475	175
Netherlands	71	126	73	128	110	160
Norway		5		5		5
Portugal		85		45		75
Spain	77		49		65	
Sweden		26		22		22
Switzerland		20		20		22
United Kingdom	61	211	52	203	45	175
Total Western Europe	630	1,024	725	1,180	808	1,123
Hungary		25		26		21
Poland		61		86		79
Romania		58		38		50
Yugoslavia		32		20		10
Soviet Union	11	460	9	414	13	631
Total Eastern Europe	11	636	9	584	13	791
<b>Africa:</b>						
Algeria		6		6		6
Angola		30	2	25	2	25
Zaire		22		1		32
Gambia		35		18		35
Ghana		73		95		36
Guinea		51		51		73
Ivory Coast	10	148	20	142		217
Liberia		56		45		60
Madagascar	3	136	3	175	3	150

See footnotes at end of table.

Table 37.—Rice, milled equivalent<sup>1</sup>: International trade, 1977-79<sup>2</sup>—Continued

Continent and country	1977		1978		1979 <sup>3</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
Africa—Continued						
Mauritius		76		86		75
Mozambique		75		51		80
Nigeria		413		564		320
Senegal and Mauritania		269		292		311
Sierra Leone		17		9		70
South Africa		110		105		137
Egypt	153		198		170	
Tanzania		75		30		75
Total	166	1,592	223	1,695	175	1,702
Asia:						
Bangladesh		404		18		602
Saudi Arabia		255		404		496
Israel		41		31		31
Jordan		24		24		24
Lebanon		22	1	19		21
Turkey (Europe and Asia)		50		37		10
Iraq		237		290		300
Syria		73		86		96
Iran		578		320		371
Burma	690		375		600	
Sri Lanka		543	9	187		212
China	1,023		1,373		942	
Taiwan	150	9	238		409	
Hong Kong	3	341		345	1	341
India	19	35	143	7	400	10
Kampuchea						150
Laos		95		100		80
Vietnam	6	265	5	150		350
Indonesia		1,989		1,845		1,953
Japan	50	21	91	64	575	20
Korea, Rep. of		61	70			355
Malaysia and Singapore	12	500	24	565	20	415
Pakistan	860		825		1,366	
Philippines	15	26	49		139	
Thailand	2,915		1,573		2,696	
Total	5,743	5,569	4,776	4,492	7,148	5,837
Oceania:						
Australia	260	1	337	1	400	1
Total	260	1	337	1	400	1
Other countries	494	816	528	686	485	871
World total	10,551	9,974	9,632	9,072	11,841	11,674

<sup>1</sup> Includes milled, semi-milled, broken, and rough rice in terms of milled.

<sup>2</sup> Calendar year.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers.

**Table 38.—Food grains: Average price, selected markets and grades, 1966-79<sup>1</sup>**

Crop year <sup>2</sup>	Kansas City			Minneapolis			Pacific Northwest Wheat No. 2 Western White <sup>4</sup>	St. Louis Wheat, No. 2 Hard Winter
	Wheat, No. 1 Hard Winter, Ordinary Protein	Wheat, No. 1 Hard Winter, 13% protein	Wheat, No. 1 Soft Red Winter	Wheat, No. 1 Hard Amber Durum	Wheat, No. 1 Dark Northern Spring, 14% protein <sup>3</sup>	Rye, No. 2		
	<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>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1966	1.82	1.87	n.a.	1.94	1.96	1.19	1.76	1.83
1967	1.57	1.60	n.a.	2.02	1.72	1.15	1.62	1.58
1968	1.38	1.57	n.a.	1.95	1.60	1.17	1.47	1.38
1969	1.42	1.65	n.a.	1.69	1.71	1.13	1.49	1.42
1970	1.56	1.70	n.a.	1.79	1.81	1.13	1.70	1.58
1971	1.57	1.63	n.a.	1.70	1.59	1.00	1.60	1.52
1972	2.33	2.38	n.a.	2.33	2.22	1.11	2.48	2.21
1973	4.51	4.58	n.a.	6.40	5.03	2.51	4.81	4.43
1974	4.20	4.64	4.12	6.53	4.85	2.89	4.55	4.11
1975	3.74	4.16	3.52	5.05	4.42	2.84	3.95	3.47
1976	2.88	3.18	2.70	3.19	3.35	2.87	3.16	2.79
1977	2.72	2.81	2.54	3.31	2.88	2.53	3.15	2.59
1978	3.38	3.41	3.34	3.60	3.35	2.44	3.80	3.40
1979	4.25	4.34	4.04	4.99	4.21	2.47	4.38	4.10

  

Crop year <sup>2</sup>	Chicago Wheat, No. 2 Soft Red Winter	Denver Wheat, No. 1 Hard Winter	San Francisco Milled Rice Short	S.W. Louisiana Milled Rice		Arkansas Milled Rice		Texas Milled Rice	
				Medium	Long	Medium	Long	Medium	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>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
1966	1.76	1.59	10.05	8.20	9.95	8.20	9.90	8.35	10.00
1967	1.46	1.32	10.25	8.44	9.90	8.65	10.05	8.65	10.05
1968	1.30	1.14	10.55	8.73	9.55	8.55	9.90	8.50	9.80
1969	1.43	1.21	10.50	8.50	9.60	8.60	10.00	8.65	9.90
1970	1.67	1.25	10.62	8.54	9.83	8.95	10.10	8.90	10.10
1971	1.58	1.26	11.09	8.71	9.95	9.25	10.25	9.10	10.20
1972	2.20	1.92	12.42	8.87	14.34	13.45	14.35	13.55	14.45
1973	4.84	4.00	24.20	26.40	30.40	26.70	30.80	27.40	31.75
1974	4.16	3.76	25.40	20.05	21.55	21.15	22.40	19.90	22.05
1975	3.54	3.33	20.65	15.85	17.20	17.10	18.10	17.35	18.35
1976	2.81	2.38	15.15	13.30	14.60	14.40	15.30	14.10	14.95
1977	2.56	2.16	20.25	20.55	21.40	19.10	21.25	20.60	21.75
1978	3.57	2.77	18.25	16.00	18.20	15.40	18.40	16.65	18.85
1979	4.24	3.54	22.00	21.40	22.05	21.50	22.25	22.05	22.40

<sup>1</sup> Straight averages of AMS Prices.

<sup>2</sup> For wheat and rye, crop year begins in July for 1966-72; June for 1973-79. For rice, crop year begins in August.

<sup>3</sup> For 1966-72, 13% protein.

<sup>4</sup> No. 1 Soft White, Portland for 1966-73.

Agricultural Marketing Service.

Table 39.—Corn: Area, yield, production, disposition, and value, United States, 1966–80

Year	Area planted, all purposes	Corn for grain							Corn for silage			Forage area harvested <sup>2</sup>
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel <sup>1</sup>	Value of production <sup>1</sup>	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>1,000 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>	<i>1,000 acres</i>
1966	66,347	57,002	73.1	4,167,608	2,062,355	2,105,253	1.24	5,170,973	7,934	11.3	89,683	931
1967	71,156	60,694	80.1	4,860,372	2,262,657	2,597,715	1.03	5,044,235	8,363	11.3	94,783	977
1968	65,126	55,980	79.5	4,449,542	2,094,679	2,354,863	1.08	4,825,623	7,879	11.9	93,652	746
1969	64,264	54,574	85.9	4,687,057	2,129,590	2,557,467	1.16	5,415,997	7,892	12.6	99,161	597
1970	66,863	57,358	72.4	4,152,243	1,888,552	2,263,691	1.33	5,514,702	8,814	11.6	94,084	650
1971	74,179	64,123	88.1	5,646,260	2,446,467	3,199,793	1.08	6,101,055	8,351	12.4	109,302	694
1972	67,126	57,513	97.0	5,579,832	2,328,020	3,251,812	1.08	6,101,055	8,743,036	13.1	109,343	520
1973	72,253	62,143	91.3	5,670,712	2,217,479	3,543,233	1.57	8,743,036	9,023	12.7	114,267	567
1974	77,935	65,405	71.9	4,701,402	1,754,693	2,946,709	3.02	14,462,744	10,844	10.7	115,705	626
1975	78,719	67,625	86.4	5,840,757	2,121,088	3,719,669	2.54	14,817,840	9,848	11.8	116,087	560
1976	84,588	71,506	88.0	6,289,169	2,329,332	3,959,837	2.15	13,524,134	11,281	10.5	118,547	855
1977	84,328	71,614	90.8	6,505,041	2,548,330	3,956,711	2.02	13,107,420	9,314	12.6	117,743	609
1978	81,675	71,930	101.0	7,267,927	2,835,821	4,432,106	2.25	16,280,688	8,624	13.7	118,132	433
1979	81,393	72,400	109.7	7,938,819	2,976,268	4,962,551	2.52	19,904,013	7,995	14.4	114,860	388
1980 <sup>3</sup>	84,106	70,061	91.0	6,647,534	2,501,699	4,145,835	3.27	21,687,300	9,261	12.0	111,093	586

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup> Includes hogged or grazed and that cut and fed without removing grain.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 40.—Corn: Stocks on and off farms, United States, 1966–81

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</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>
1966	3,096,601	2,129,392	1,327,409	531,157	956,475	740,542	459,284	310,538
1967	2,928,817	2,063,306	1,348,923	572,233	778,619	671,090	405,683	254,075
1968	3,453,956	2,433,095	1,670,424	788,195	866,061	809,946	530,578	380,493
1969	3,310,694	2,244,312	1,498,284	732,270	957,921	818,165	582,597	386,125
1970	3,390,099	2,263,432	1,425,733	575,630	993,137	767,827	519,562	429,593
1971	2,555,306	1,875,370	1,178,821	426,712	1,013,479	670,220	393,556	240,027
1972	3,555,260	2,485,085	1,590,106	751,949	1,149,084	898,109	584,022	374,980
1973	3,692,724	2,387,458	1,374,066	403,918	1,141,455	954,964	564,315	303,960
1974	3,371,270	2,020,081	1,067,098	288,737	1,116,424	849,794	380,541	195,125
1975	2,560,883	1,522,900	811,014	193,194	1,080,024	704,911	345,658	168,193
1976	3,203,242	1,923,759	1,292,185	233,193	1,270,300	912,996	576,640	166,459
1977	3,357,995	2,141,623	1,582,768	447,846	1,544,023	1,159,329	787,263	438,019
1978	3,873,623	2,549,170	1,872,359	666,727	1,678,678	1,360,245	988,779	444,708
1979	4,637,665	3,177,893	2,318,006	794,465	1,681,483	1,322,484	969,208	509,460
1980	5,041,691	3,441,012	2,577,785	920,881	1,844,484	1,416,321	1,092,648	696,597
1981 <sup>4</sup>	4,140,062	2,650,605			1,717,309	1,344,426		

<sup>1</sup> Prior to 1976, estimates are for July 1.<sup>2</sup> Old crop only.<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 41.—Corn: Supply and disappearance, United States, 1966–80

Year beginning October	Supply				Disappearance					Ending stocks Sept. 30		
	Beginning stocks	Production	Imports	Total	Domestic use*			Exports	Total disappearance	Privately held <sup>1</sup>	Government <sup>2</sup>	Total
					Feed and residual	Food, alcohol, and seed	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>
1966	842	4,168	1	5,011	3,334	364	3,698	487	4,185	690	136	826
1967	826	4,860	1	5,687	3,523	362	3,885	633	4,518	990	179	1,169
1968	1,169	4,450	1	5,620	3,607	359	3,966	536	4,502	828	290	1,118
1969	1,118	4,687	1	5,806	3,824	365	4,189	612	4,801	808	197	1,005
1970	1,005	4,152	4	5,161	3,592	385	3,977	517	4,494	570	97	667
1971	667	5,646	1	6,314	3,982	409	4,391	796	5,187	971	156	1,127
1972	1,127	5,580	1	6,708	4,292	450	4,742	1,258	6,000	704	4	708
1973	708	5,671	1	6,380	4,181	472	4,653	1,243	5,896	484	0	484
1974	484	4,701	2	5,187	3,180	497	3,677	1,149	4,826	361	0	361
1975	361	5,841	2	6,204	3,570	523	4,093	1,711	5,804	400	0	400
1976	400	6,289	2	6,691	3,571	550	4,121	1,684	5,805	886	0	886
1977	886	6,505	3	7,394	3,744	591	4,335	1,948	6,283	1,098	13	1,111
1978	1,111	7,268	1	8,380	4,323	620	4,943	2,133	7,076	1,204	100	1,304
1979	1,304	7,939	1	9,244	4,519	675	5,194	2,433	7,627	1,362	256	1,618
1980 <sup>3</sup>	1,618	6,648	1	8,266	4,100	750	4,850	2,550	7,400			866

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Uncommitted Government inventory only.<sup>3</sup> Preliminary.<sup>4</sup> Revisions 1971 to date based on U.S. Bureau of the Census, *Census of Manufacturers*.

Economic Research Service.

Table 42.—Corn: Area, yield, and production, by States, 1978–80

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ala . . . . .	640	570	520	544	502	405	50.0	61.0	36.0	27,200	30,622	14,580
Ark . . . . .	70	60	55	50	45	40	115.0	115.0	100.0	5,750	5,175	4,000
Calif . . . . .	40	50	60	30	35	37	60.0	58.0	28.0	1,800	2,030	1,036
Calif . . . . .	420	430	450	281	260	270	126.0	117.0	135.0	35,406	30,420	36,450
Colo . . . . .	1,015	1,015	970	730	760	760	110.0	127.0	118.0	80,300	96,520	89,680
Conn. <sup>2</sup> . . . . .	56	55	56	..	..	..	..	..	..	..	..	..
Del . . . . .	169	172	190	157	159	177	96.0	102.0	72.0	15,072	16,218	12,744
Fla . . . . .	405	401	410	342	339	328	52.0	53.0	47.0	17,784	17,967	15,416
Ga . . . . .	1,700	1,670	1,600	1,500	1,550	1,300	50.0	65.0	42.0	75,000	100,750	54,600
Idaho . . . . .	144	143	146	58	50	50	87.0	88.0	94.0	5,046	4,400	4,700
Ill . . . . .	11,450	11,300	11,700	11,170	11,050	11,460	111.0	128.0	93.0	1,239,870	1,414,400	1,065,780
Ind . . . . .	6,400	6,250	6,450	6,200	6,030	6,280	108.0	112.0	96.0	669,600	675,360	602,880
Iowa . . . . .	13,600	13,750	14,000	12,850	13,100	13,300	115.0	127.0	110.0	1,477,750	1,663,700	1,463,000
Kans . . . . .	1,820	1,750	1,790	1,500	1,470	1,240	102.0	117.0	94.0	153,000	171,990	116,560
Ky . . . . .	1,580	1,440	1,650	1,410	1,300	1,480	85.0	102.0	70.0	119,850	132,600	103,600
La . . . . .	65	57	50	47	41	30	59.0	54.0	46.0	2,773	2,214	1,380
Maine <sup>2</sup> . . . . .	47	45	45	..	..	..	..	..	..	..	..	..
Md . . . . .	697	697	750	590	595	640	97.0	99.0	72.0	57,230	58,905	46,080
Mass. <sup>2</sup> . . . . .	45	44	45	..	..	..	..	..	..	..	..	..
Mich . . . . .	2,850	2,900	2,950	2,400	2,500	2,600	81.0	95.0	95.0	194,400	237,500	247,000
Minn . . . . .	7,000	6,900	7,250	6,190	6,060	6,290	104.0	100.0	97.0	643,760	606,000	610,130
Miss . . . . .	215	190	170	135	110	88	56.0	52.0	28.0	7,560	5,720	2,464
Mo . . . . .	2,500	2,500	2,600	2,300	2,330	2,070	87.0	103.0	53.0	200,100	239,990	109,710
Mont . . . . .	88	85	85	10	10	8	72.0	77.0	74.0	720	770	592
Nebr . . . . .	7,250	7,600	7,800	6,750	7,150	7,100	113.0	115.0	85.0	762,750	822,250	603,500
N.H. <sup>2</sup> . . . . .	27	28	29	..	..	..	..	..	..	..	..	..
N.J . . . . .	143	137	144	103	95	103	91.0	90.0	75.0	9,373	8,550	7,725
N. Mex . . . . .	105	106	115	72	74	85	106.0	109.0	85.0	7,632	8,066	7,225
N.Y . . . . .	1,300	1,300	1,350	600	650	730	86.0	92.0	93.0	51,600	59,800	67,890
N.C . . . . .	1,760	1,850	1,900	1,600	1,690	1,730	76.0	76.0	60.0	121,600	128,440	103,800
N. Dak . . . . .	600	590	700	300	313	290	79.0	76.0	58.0	23,700	23,788	16,820
Ohio . . . . .	3,870	3,850	4,150	3,610	3,630	3,900	105.0	115.0	113.0	379,050	417,450	440,700
Okla . . . . .	120	125	125	65	75	75	65.0	110.0	70.0	4,225	8,250	5,250
Oreg . . . . .	45	47	45	13	12	11	102.0	105.0	106.0	1,326	1,260	1,166
Pa . . . . .	1,665	1,725	1,800	1,220	1,280	1,280	95.0	95.0	75.0	115,900	121,600	96,000
R.I. <sup>2</sup> . . . . .	4	4	5	..	..	..	..	..	..	..	..	..
S.C . . . . .	635	570	585	550	509	515	57.0	80.0	48.0	31,350	40,720	24,720
S. Dak . . . . .	3,350	3,440	3,480	2,650	2,850	2,300	67.0	74.0	53.0	177,550	210,900	121,900
Tenn . . . . .	820	750	810	660	620	640	69.0	85.0	45.0	45,540	52,700	28,800
Tex . . . . .	1,600	1,400	1,500	1,440	1,260	1,300	100.0	105.0	90.0	144,000	132,300	117,000
Utah . . . . .	92	96	100	16	16	15	90.0	94.0	100.0	1,440	1,504	1,500
Vt. <sup>2</sup> . . . . .	109	108	111	..	..	..	..	..	..	..	..	..
Va . . . . .	865	810	830	630	615	595	83.0	83.0	55.0	52,290	51,045	32,725
Wash . . . . .	119	148	150	65	97	94	114.0	123.0	120.0	7,410	11,931	11,280
W. Va . . . . .	93	98	98	58	59	58	77.0	89.0	89.0	4,466	5,251	5,162
Wis . . . . .	4,000	4,050	4,200	3,000	3,080	3,350	98.0	103.0	104.0	294,000	317,240	348,400
Wyo . . . . .	87	87	87	34	29	37	81.0	87.0	97.0	2,754	2,523	3,589
U.S . . . . .	81,675	81,393	84,106	71,930	72,400	73,061	101.0	109.7	91.0	7,267,927	7,938,819	6,647,534

<sup>1</sup> Preliminary.<sup>2</sup> All acreage harvested is for silage.

Statistical Reporting Service.



Table 43.—Corn: Utilization for silage and forage, by States, 1978–80

State	Silage									Forage area harvested <sup>1</sup>		
	Area harvested			Yield per acre			Production			1978	1979	1980 <sup>2</sup>
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>			
1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	
Ala . . . . .	51	46	44	10.0	11.5	7.5	510	529	330	13	11	11
Ariz . . . . .	18	12	14	20.0	22.0	21.0	360	264	294	1	2	1
Ark . . . . .	7	8	9	10.0	10.0	8.0	70	80	72	2	3	4
Calif . . . . .	137	168	178	19.5	22.0	21.0	2,672	3,696	3,738	2	2	2
Colo . . . . .	254	240	193	19.0	20.0	18.5	4,826	4,800	3,571	6	5	6
Conn . . . . .	53	53	54	18.0	14.5	17.0	954	769	918	...	...	...
Del . . . . .	10	11	10	14.5	15.5	13.8	145	171	138	1	1	1
Fla . . . . .	24	19	28	14.5	13.5	13.0	348	257	364	25	29	29
Ga . . . . .	100	84	88	12.0	13.0	10.0	1,200	1,092	880	30	13	24
Idaho . . . . .	83	90	93	18.5	19.5	18.5	1,536	1,755	1,721	2	2	2
Ill . . . . .	250	230	210	15.5	16.0	14.0	3,875	3,680	2,940	20	10	10
Ind . . . . .	176	134	130	15.0	16.5	14.5	2,640	2,211	1,885	6	18	14
Iowa . . . . .	660	600	640	16.0	17.5	14.8	10,560	10,500	9,472	30	30	10
Kans . . . . .	273	245	426	13.0	16.0	9.0	3,549	3,920	3,834	10	5	47
Ky . . . . .	150	115	152	15.5	17.0	13.0	2,325	1,955	1,976	10	5	8
La . . . . .	13	13	12	13.0	11.0	10.0	169	143	120	2	1	2
Maine . . . . .	39	41	39	13.0	13.5	15.0	507	554	585	...	...	...
Md . . . . .	101	97	104	15.0	15.5	13.8	1,515	1,504	1,435	4	4	4
Mass . . . . .	40	39	40	16.5	17.0	17.0	660	663	680	...	...	...
Mich . . . . .	420	370	325	12.5	13.5	13.5	5,250	4,995	4,388	16	15	10
Minn . . . . .	750	750	880	12.5	13.5	12.0	9,375	10,125	10,560	20	30	30
Miss . . . . .	70	72	62	12.5	12.5	10.0	875	900	620	5	4	5
Mo . . . . .	138	115	316	13.0	13.5	7.5	1,794	1,553	2,370	41	25	78
Mont . . . . .	71	68	70	21.0	16.0	17.5	1,491	1,088	1,225	4	4	2
Nebr . . . . .	425	400	595	15.0	15.5	11.5	6,375	6,200	6,843	25	20	35
N.H . . . . .	23	24	25	14.0	15.0	16.5	322	360	413	...	...	...
N.J . . . . .	37	39	37	15.5	15.0	13.5	574	585	500	2	2	2
N.Mex . . . . .	29	28	26	15.0	17.5	14.0	435	490	364	2	2	1
N.Y . . . . .	682	625	600	13.5	13.5	14.5	9,207	8,437	8,700	8	5	10
N.C . . . . .	131	130	140	14.0	14.5	11.5	1,834	1,885	1,610	9	10	8
N.Dak . . . . .	274	252	326	6.7	6.7	4.3	1,836	1,688	1,402	19	15	39
Ohio . . . . .	232	192	215	15.0	15.0	14.5	3,480	2,880	3,118	8	8	5
Okla . . . . .	35	41	36	12.5	16.0	13.0	438	656	468	5	4	4
Oreg . . . . .	30	32	31	20.0	22.0	21.0	600	704	651	1	1	1
Pa . . . . .	430	430	498	15.5	15.0	12.6	6,665	6,450	6,275	5	5	7
R.I . . . . .	4	4	4	16.5	14.0	14.0	66	56	56	...	...	...
S.C . . . . .	55	44	41	11.0	13.5	10.5	605	594	431	11	10	11
S.Dak . . . . .	630	520	1,010	8.2	7.8	5.3	5,166	4,056	5,353	30	20	97
Tenn . . . . .	150	116	150	14.5	16.5	11.5	2,175	1,914	1,725	5	6	7
Tex . . . . .	125	105	105	15.0	16.5	16.0	1,875	1,733	1,680	13	14	20
Utah . . . . .	71	76	79	16.0	19.5	19.0	1,136	1,482	1,501	3	2	3
Vt . . . . .	100	98	93	14.0	15.0	16.0	1,400	1,470	1,488	...	...	...
Va . . . . .	225	180	220	15.0	15.0	11.5	3,375	2,700	2,530	6	9	6
Wash . . . . .	53	50	56	23.0	22.0	20.0	1,219	1,100	1,120	1	1	...
W.Va . . . . .	30	35	37	13.5	15.0	15.5	405	525	574	3	2	1
Wis . . . . .	920	900	775	12.0	12.0	12.2	11,040	10,800	9,455	20	30	25
Wyo . . . . .	45	54	45	15.5	16.5	16.0	698	891	720	7	3	4
U.S . . . . .	8,624	7,995	9,261	13.7	14.4	12.0	118,132	114,860	111,093	433	388	586

<sup>1</sup> Includes hogged or grazed and that cut and fed without removing grain.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 44.—Corn: Production, disposition, and value, by States, crop of 1980  
(preliminary)

State	Production for grain	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala . . . . .	14,580	9,477	5,103	3.65	53,217	18,626
Ariz . . . . .	4,000	280	3,720	3.90	15,600	14,508
Ark . . . . .	1,036	725	311	3.55	3,678	1,104
Calif . . . . .	36,450	2,551	33,899	4.15	151,268	140,681
Colo . . . . .	89,680	13,452	76,228	3.05	273,524	232,495
Del . . . . .	12,744	2,676	10,068	3.70	47,153	37,252
Fla . . . . .	15,416	6,783	8,633	3.40	52,414	29,352
Ga . . . . .	54,600	28,392	26,208	3.50	191,100	91,728
Idaho . . . . .	4,700	1,457	3,243	3.35	15,745	10,864
Ill . . . . .	1,065,780	309,076	756,704	3.30	3,517,074	2,497,123
Ind . . . . .	602,880	192,922	409,958	3.30	1,989,504	1,352,861
Iowa . . . . .	1,463,000	629,090	833,910	3.15	4,608,450	2,626,817
Kans . . . . .	116,560	29,140	87,420	3.40	396,304	297,228
Ky . . . . .	103,600	39,368	64,232	3.70	383,320	237,658
La . . . . .	1,380	1,035	345	3.50	4,830	1,208
Md . . . . .	46,080	15,667	30,413	3.65	168,192	111,007
Mich . . . . .	247,000	74,100	172,900	3.20	790,400	553,280
Minn . . . . .	610,130	268,457	341,673	3.05	1,860,897	1,042,103
Miss . . . . .	2,464	2,119	345	3.30	8,131	1,139
Mo . . . . .	109,710	60,340	49,370	3.45	378,500	170,327
Mont . . . . .	592	462	130	3.60	2,131	468
Nebr . . . . .	603,500	205,190	398,310	3.25	1,961,375	1,294,508
N.J . . . . .	7,725	2,395	5,330	3.65	28,196	19,455
N.Mex . . . . .	7,225	1,156	6,069	3.60	26,010	21,848
N.Y . . . . .	67,890	35,982	31,908	3.50	237,615	111,678
N.C . . . . .	103,800	32,178	71,622	3.65	378,870	261,420
N.Dak . . . . .	16,820	6,728	10,092	3.00	50,460	30,276
Ohio . . . . .	440,700	158,652	282,048	3.30	1,454,310	930,758
Okla . . . . .	5,250	1,837	3,413	3.55	18,638	12,116
Oreg . . . . .	1,166	525	641	3.80	4,431	2,436
Pa . . . . .	96,000	55,680	40,320	3.85	369,600	155,232
S.C . . . . .	24,720	7,663	17,057	3.50	86,520	59,700
S.Dak . . . . .	121,900	62,169	59,731	3.05	371,795	182,180
Tenn . . . . .	28,800	16,416	12,384	3.65	105,120	45,202
Tex . . . . .	117,000	16,380	100,620	3.50	409,500	352,170
Utah . . . . .	1,500	450	1,050	3.75	5,625	3,938
Va . . . . .	32,725	17,999	14,726	3.55	116,174	52,277
Wash . . . . .	11,280	1,692	9,588	3.85	43,428	36,914
W.Va . . . . .	5,162	4,233	929	3.30	17,035	3,066
Wis . . . . .	348,400	184,652	163,748	3.10	1,080,040	507,619
Wyo . . . . .	3,589	2,153	1,436	3.10	11,126	4,452
U.S . . . . .	6,647,534	2,501,699	4,145,835	3.27	21,687,300	13,555,074

Statistical Reporting Service.

Table 45.—Corn: Area, yield, and production in specified countries, 1978–80<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare <sup>3</sup>			Production		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <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	783	891	964	5.15	5.57	5.67	4,033	4,963	5,462
Costa Rica	37	39	40	1.70	1.46	1.78	63	57	71
Cuba	30	30	30	67	67	67	20	20	20
Dominican Republic	24	19	24	2.08	2.11	2.08	50	40	50
El Salvador	264	276	292	1.92	1.89	1.84	507	523	537
Guatemala	591	650	680	1.60	1.63	1.69	944	1,058	1,150
Haiti	248	250	245	1.05	.98	.96	260	245	235
Honduras	305	348	348	1.39	.98	1.15	423	342	399
Jamaica	16	17	17	.81	.82	1.00	13	14	17
Mexico	8,000	7,600	8,100	1.28	1.21	1.23	10,200	9,200	10,000
Nicaragua	228	168	245	1.10	1.03	1.02	251	173	250
Panama	69	80	100	.94	1.03	1.10	65	82	110
Trinidad and Tobago	3	3	3	1.67	1.67	1.67	5	5	5
United States	28,450	28,734	28,814	6.33	6.86	5.70	180,010	197,214	164,118
<b>Total</b>	<b>39,048</b>	<b>39,105</b>	<b>39,902</b>	<b>5.04</b>	<b>5.47</b>	<b>4.57</b>	<b>196,844</b>	<b>213,936</b>	<b>182,424</b>
<b>South America:</b>									
Argentina	2,899	2,442	3,050	3.10	2.62	3.08	9,000	6,410	9,400
Bolivia	245	240	240	1.35	1.25	1.27	330	300	305
Brazil	11,310	11,875	12,500	1.44	1.66	1.60	16,310	19,700	20,000
Chile	94	130	116	2.73	3.76	3.49	257	489	405
Colombia	638	611	639	1.32	1.43	1.30	841	871	831
Ecuador	132	120	135	1.14	1.32	1.36	150	158	184
Guyana	2	4	6	1.00	.75	1.00	2	3	6
Paraguay	260	250	250	1.57	1.40	1.42	408	350	355
Peru	300	360	320	1.83	1.67	1.33	550	600	425
Uruguay	99	130	160	.71	.85	.91	70	110	145
Venezuela	506	321	531	1.68	1.59	1.69	848	509	900
<b>Total</b>	<b>16,485</b>	<b>16,483</b>	<b>17,947</b>	<b>1.74</b>	<b>1.79</b>	<b>1.84</b>	<b>28,766</b>	<b>29,500</b>	<b>32,956</b>
<b>Europe:</b>									
Belgium-Luxembourg	6	6	6	6.17	6.17	5.50	37	37	33
France	1,803	1,997	1,783	5.29	5.22	5.34	9,531	10,427	9,515
Germany, Fed. Rep. of	116	115	118	5.32	6.44	5.61	617	741	662
Italy	928	936	961	6.64	6.62	6.66	6,162	6,196	6,400
United Kingdom	1			2.00			2		
<b>Total EC</b>	<b>2,854</b>	<b>3,054</b>	<b>2,868</b>	<b>5.73</b>	<b>5.70</b>	<b>5.79</b>	<b>16,349</b>	<b>17,401</b>	<b>16,610</b>
Austria	178	188	195	6.55	7.16	6.11	1,166	1,347	1,192
Greece	120	122	152	4.48	5.99	7.04	537	731	1,070
Portugal	367	338	370	1.22	1.35	1.35	449	456	500
Spain	443	461	465	4.44	4.85	4.92	1,969	2,237	2,288
Switzerland	15	15	16	6.87	7.00	6.75	103	105	108
<b>Total Western Europe</b>	<b>3,977</b>	<b>4,178</b>	<b>4,066</b>	<b>5.17</b>	<b>5.33</b>	<b>5.35</b>	<b>20,573</b>	<b>22,277</b>	<b>21,768</b>
Albania	125	125	125	2.00	1.68	1.68	250	210	210
Bulgaria	720	750	720	3.10	4.27	3.89	2,235	3,205	2,800
Czechoslovakia	148	210	170	4.24	4.71	4.12	628	989	700
German Dem. Rep.	1	1	1	2.00	2.00	2.00	2	2	2
Hungary	1,283	1,363	1,272	5.20	5.43	5.23	6,672	7,400	6,653
Poland	33	47	25	3.64	3.85	1.80	120	181	45
Romania	3,210	3,308	3,300	3.18	3.77	2.85	10,208	12,475	9,400
Yugoslavia	2,130	2,238	2,199	3.56	4.50	4.23	7,585	10,063	9,300
<b>Total Eastern Europe</b>	<b>7,650</b>	<b>8,042</b>	<b>7,812</b>	<b>3.62</b>	<b>4.29</b>	<b>3.73</b>	<b>27,700</b>	<b>34,525</b>	<b>29,110</b>
<b>Total Europe</b>	<b>11,627</b>	<b>12,220</b>	<b>11,878</b>	<b>4.15</b>	<b>4.65</b>	<b>4.28</b>	<b>48,273</b>	<b>56,802</b>	<b>50,878</b>
<b>Soviet Union (Europe and Asia)</b>	<b>2,535</b>	<b>2,667</b>	<b>2,700</b>	<b>3.53</b>	<b>3.15</b>	<b>2.89</b>	<b>8,951</b>	<b>8,400</b>	<b>7,800</b>
<b>Africa:</b>									
Algeria	3	3	3	1.67	1.67	1.67	5	5	5
Angola	600	600	600	.50	.50	.58	300	300	350
Benin	441	385	385	.78	.84	.78	343	325	300
Burundi	175	170	165	1.00	1.00	1.00	175	170	165
Cameroon	345	340	340	1.30	1.32	1.32	450	450	450
Egypt	797	791	798	3.91	3.71	3.93	3,117	2,938	3,135
Ethiopia	800	900	900	.94	1.11	1.08	750	1,000	975
Ghana	330	340	340	1.03	1.09	1.10	340	370	375
Ivory Coast	550	565	570	.48	.48	.48	264	270	275
Kenya	1,050	950	1,100	1.80	1.42	1.64	1,895	1,350	1,800
Madagascar	101	120	120	1.14	1.09	1.07	115	131	128
Malawi	1,100	1,000	1,200	1.09	1.10	.92	1,200	1,100	1,100

See footnotes at end of table.

Table 45.—Corn: Area, yield, and production in specified countries, 1978-80<sup>1</sup>—  
Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Metric</i>	<i>Metric</i>	<i>Metric</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
	<i>hectares</i>	<i>hectares</i>	<i>hectares</i>	<i>tons</i>	<i>tons</i>	<i>tons</i>	<i>metric</i>	<i>metric</i>	<i>metric</i>
							<i>tons</i>	<i>tons</i>	<i>tons</i>
Africa—Continued									
Mali	90	90	90	0.89	0.78	0.89	80	70	80
Morocco	394	416	415	.99	.75	.92	390	312	380
Mozambique	600	500	550	.67	.60	.55	400	300	300
Nigeria	1,820	1,850	1,900	.90	.90	.91	1,640	1,670	1,720
Rwanda	67	65	65	1.07	1.08	1.08	72	70	70
Senegal	50	50	50	.94	.80	.90	47	40	45
Somali, Dem. Rep.	160	160	160	.63	.50	.63	100	80	100
South Africa	4,598	4,618	4,610	1.80	2.30	2.06	8,271	10,600	9,500
Tanzania	1,300	1,350	1,350	.80	.74	.59	1,041	1,000	800
Tunisia	4	4	4	.25	.25	.25	1	1	1
Uganda	525	450	400	1.10	.89	1.00	580	400	400
Zambia	595	300	500	1.08	1.10	.69	644	331	345
Zaire	588	610	610	.70	.70	.70	412	430	430
Zimbabwe	821	853	500	1.42	1.52	3.80	1,162	1,300	1,900
Total	17,904	17,480	17,725	1.33	1.43	1.42	23,794	25,013	25,129
Asia:									
Afghanistan	460	460	420	1.74	1.63	1.67	800	750	700
Bhutan	54	54	55	1.07	1.09	1.09	58	59	60
Burma	100	100	100	.85	.85	.90	85	85	90
Kampuchea	100	100	100	1.20	1.20	1.20	120	120	120
China	22,600	23,000	22,900	2.47	2.47	2.51	55,900	56,900	57,400
Taiwan	37	42	40	2.89	2.36	3.00	107	99	120
India	5,779	5,500	5,600	1.08	.91	1.07	6,219	5,000	6,000
Indonesia	3,025	2,575	2,600	1.33	1.28	1.19	4,029	3,305	3,100
Iran	43	42	45	1.40	1.36	1.33	60	57	60
Iraq	33	33	70	2.91	3.03	1.29	96	100	90
Israel	3	3	3	3.33	3.33	3.33	10	10	10
Japan	2	2	1	2.50	2.50	3.00	5	5	3
Jordan	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Dem. Peo. Rep. of	360	400	400	5.14	4.75	4.75	1,850	1,900	1,900
Korea, Rep. of	31	32	35	3.23	4.66	4.60	100	149	161
Lebanon	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia	7	7	7	1.14	1.14	1.14	8	8	8
Nepal	445	445	445	1.69	1.80	1.72	750	800	765
Pakistan	650	659	650	1.23	1.24	1.23	798	820	800
Philippines	3,327	3,386	3,500	.95	.96	.97	3,167	3,240	3,400
Saudi Arabia	16	16	16	1.56	1.56	1.56	25	25	25
Syria	28	30	32	2.36	2.27	2.34	66	68	75
Thailand	1,500	1,520	1,500	2.03	2.17	2.13	3,050	3,300	3,200
Turkey	580	580	580	2.24	2.33	2.16	1,300	1,350	1,250
Vietnam, Soc. Rep. of	250	240	240	1.08	1.08	1.08	270	260	260
Yemen (Sana)	64	70	70	.84	.86	1.14	54	60	80
Total	39,497	39,296	39,412	2.00	2.00	2.02	78,930	78,463	79,680
Oceania:									
Australia	51	50	65	3.29	2.34	2.92	168	117	190
New Zealand	27	22	20	8.56	8.68	8.60	231	191	172
Total	78	72	85	5.12	4.28	4.26	399	308	362
World total	127,174	127,323	129,649	3.03	3.24	2.93	385,957	412,422	379,229

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. 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 1977 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1979 and ends early in 1980.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 46.—Corn: Price-support operations, United States, 1966–81

Year beginning October	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Sept. 30
	Per bushel <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1966	1.30	81	263	6.4	13	139
1967	1.35	83	497	10.4	193	182
1968	1.35	82	404	9.2	36	<sup>5</sup> 290
1969	1.35	78	398	8.7	5	<sup>5</sup> 197
1970	1.35	76	324	7.7	7	.....
1971	1.35	71	955	16.9	35	<sup>5</sup> 156
1972	1.41	70	420	7.5	1	<sup>5</sup> 4
1973	1.64	70	262	4.6	.....	.....
1974	1.38	51	77	1.7	.....	.....
1975	1.38	45	148	2.6	.....	.....
1976	1.57	46	276	4.4	.....	.....
1977	2.00	58	1,159	18.0	13	13
1978	2.10	56	641	9.0	87	100
1979	2.20	52	557	7.0	160	<sup>6</sup> 257
1980	<sup>7</sup> 2.35–2.05	51–44	<sup>6</sup> 747	<sup>6</sup> 11.2	.....	.....
1981	<sup>6</sup> 2.35	.....	.....	.....	.....	.....

<sup>1</sup> Includes price-support payments, 30 cents from 1966 to 1970, and a guarantee of 32 cents in 1971, 40 cents in 1972, and 32 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.10; for 1976, \$1.50; for 1977–78, \$2.00; for 1979, \$2.10; on entire production. For 1974–77, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program. <sup>2</sup> Percentage of parity price as of the beginning of the marketing year. <sup>3</sup> Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain basis. <sup>4</sup> Includes deliveries from original program, the resale program and over-deliveries as determined by weight of farm-stored grain when delivered to CCC. For 1979, acquired through direct purchases by CCC. <sup>5</sup> Uncommitted CCC inventory. <sup>6</sup> Preliminary. <sup>7</sup> Producers who exceed their NCA will be eligible for the lower target price.

Agricultural Stabilization and Conservation Service.

Table 47.—Corn: United States exports (domestic), by country of destination, 1978 and 1979<sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1978	1979		1978	1979
Corn:	<i>Metric tons</i>	<i>Metric tons</i>	Corn:—continued	<i>Metric tons</i>	<i>Metric tons</i>
Canada	384,056	601,663	India	6,911	13,842
Other Americas	2,686,445	7,992,409	Israel	257,863	562,096
Total Americas	3,050,501	8,594,072	Japan	8,979,130	11,195,809
			Other Asia and Oceania	8,123,856	6,883,030
Belgium and Luxem- bourg	2,023,125	1,622,386	Egypt	617,227	873,755
Germany, Fed. Rep. of	1,434,710	1,520,797	Other Africa	586,216	1,309,697
Greece	1,185,775	1,121,194	Other countries	3,602,268	3,757,091
Italy	1,503,042	2,077,523	World total	53,902,723	61,440,264
Netherlands	2,193,426	2,108,277			
Norway	62,992	36,457	Relief or charity <sup>2</sup>	.....	.....
Spain	1,747,164	2,505,628			
United Kingdom	1,989,508	1,827,747			
Other Europe	16,539,009	15,430,863			
Total Europe	28,678,751	28,250,872			

<sup>1</sup> Year beginning Oct. 1. <sup>2</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 48.—Oats: Area, yield, production, disposition, and value, United States, 1966-80**

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season 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>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	23,343	17,877	44.9	803,324	526,776	276,548	0.666	539,808
1967	20,719	16,110	49.3	793,800	525,377	268,423	.659	528,034
1968	23,342	17,708	53.7	950,689	591,648	359,041	.598	575,848
1969	23,561	17,971	53.7	965,863	586,254	379,609	.584	572,321
1970	24,410	18,594	49.2	915,236	561,303	353,933	.623	582,225
1971	21,831	15,705	55.9	878,079	539,095	338,984	.604	543,715
1972	19,990	13,410	51.5	690,616	428,465	262,151	.724	507,202
1973	18,605	13,770	47.9	659,136	403,507	255,629	1.18	774,715
1974	17,013	12,608	47.6	600,655	389,016	211,639	1.53	912,010
1975	16,434	13,038	49.0	638,960	395,164	243,796	1.45	923,568
1976	16,620	11,834	45.7	540,441	350,349	190,092	1.56	835,180
1977	17,732	13,485	55.8	752,774	457,385	295,389	1.09	823,368
1978	16,407	11,126	52.3	581,657	365,615	216,042	1.20	688,625
1979	13,957	9,679	54.4	526,551	321,821	205,270	1.36	713,593
1980 <sup>3</sup>	13,360	8,640	53.0	457,593	297,633	159,960	1.82	822,702

<sup>1</sup>Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.<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>Preliminary.

Statistical Reporting Service.

**Table 49.—Oats: Stocks on and off farms, United States, 1966-80**

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 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>
1966	678,804	557,581	355,033	199,294	156,250	105,110	87,895	71,346
1967	650,293	552,094	363,866	207,725	135,670	104,378	83,534	66,511
1968	791,680	668,396	448,085	278,688	154,655	123,227	109,377	99,949
1969	847,091	738,853	541,049	352,783	193,728	160,986	144,644	145,812
1970	857,908	710,715	509,312	315,933	246,292	210,771	199,540	200,822
1971	810,818	691,350	506,509	336,119	280,502	250,581	228,710	204,940
1972	681,046	558,177	378,809	229,986	249,036	220,117	206,575	180,974
1973	605,348	472,186	287,063	150,114	198,719	161,692	147,527	103,745
1974	497,668	380,064	233,313	119,303	155,720	122,512	89,865	65,307
1975	485,856	398,688	247,174	158,541	130,775	94,092	70,101	46,277
1976	417,306	337,132	210,649	128,692	112,445	73,477	47,459	35,603
1977	564,095	485,267	360,516	259,548	115,459	82,707	61,317	53,556
1978	530,881	465,769	317,307	229,267	115,008	80,570	64,291	50,703
1979	465,837	400,765	284,302	198,316	102,310	76,007	55,324	38,096
1980 <sup>3</sup>	394,799	328,860	211,442	.....	89,342	61,684	44,362	.....

<sup>1</sup>Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.<sup>2</sup>Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup>Preliminary.

Statistical Reporting Service.

Table 50.—Oats: Supply and disappearance, United States, 1966–80

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use*			Exports	Total disappearance	Privately held <sup>1</sup>	Government <sup>2</sup>	Total
					Feed and residual	Food and seed	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>
1966	378	808	4	1,185	749	97	846	22	868	276	41	317
1967	317	794	3	1,114	686	101	787	11	798	271	45	316
1968	316	951	2	1,269	736	101	837	8	845	377	47	424
1969	424	966	2	1,392	735	104	839	5	844	468	80	548
1970	548	915	1	1,464	778	97	875	19	894	429	141	570
1971	570	878	3	1,451	739	94	833	21	854	423	174	597
1972	597	691	3	1,291	715	94	809	19	828	350	113	463
1973	463	659	<sup>3</sup> 1	1,123	669	90	759	57	816	282	25	307
1974	307	601	<sup>3</sup> 1	908	581	85	666	19	685	216	7	223
1975	223	639	1	863	558	86	644	14	658	205	0	205
1976	205	540	1	746	484	88	572	10	582	164	0	164
1977	164	753	2	919	509	85	594	12	606	313	0	313
1978	313	582	1	896	526	77	603	13	616	277	3	280
1979 <sup>4</sup>	280	527	1	808	492	76	568	4	572	233	3	236
1980 <sup>4</sup>	236	458	1	695	450	74	524	10	534	...	...	161

<sup>1</sup> Includes total Government loans (original and resale).

<sup>2</sup> Uncommitted Government only.

<sup>3</sup> Less than 500,000 bushels.

<sup>4</sup> Preliminary.

<sup>5</sup> Revisions 1972 to date based on U.S. Bureau of the Census, *Census of Manufacturers*.

Economic Research Service.

Table 51.—Oats: Price-support operations, United States 1966–81

Year beginning July <sup>1</sup>	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1966	0.60	69	22.7	2.8	6.5	47.8
1967	.63	71	37.2	4.7	19.5	45.2
1968	.63	70	94.9	10.1	35.6	<sup>5</sup> 54.2
1969	.63	67	152.4	15.7	62.0	<sup>5</sup> 104.3
1970	.63	66	108.8	11.9	26.6	<sup>5</sup> 168.9
1971	.54	56	81.9	9.3	.7	<sup>5</sup> 178.1
1972	.54	54	31.8	4.6	.....	<sup>5</sup> 104.9
1973	.54	48	10.4	1.6	.....	<sup>5</sup> 23.9
1974	.54	43	3.9	.6	.....	55.8
1975	.54	38	3.9	.6	.....	.....
1976	.72	45	4.6	.8	.....	.....
1977	1.03	59	82.9	11.0	.1	<sup>5</sup> 1
1978	1.03	54	25.1	4.2	1.3	<sup>5</sup> 2.4
1979	1.08	50	12.0	2.2	.6	<sup>5</sup> 2.2
1980	1.16	50	66.2	6.13	.....	.....
1981	<sup>6</sup> 1.16	.....	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>4</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

<sup>5</sup> Uncommitted CCC inventory.

<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

**Table 52.—Oats: Area, yield, and production, by States. 1978–80**

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</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
Ala . . . . .	92	90	90	32	28	30	42.0	43.0	42.0	1,344	1,204	1,260
Ark . . . . .	80	80	56	55	34	33	73.0	65.0	63.0	4,015	2,210	2,079
Calif . . . . .	380	350	350	80	75	70	48.0	55.0	62.0	3,840	4,125	4,340
Colo . . . . .	121	115	100	40	50	33	47.0	53.0	51.0	1,880	2,650	1,683
Ga . . . . .	205	160	150	100	70	65	53.0	54.0	53.0	5,300	3,780	3,445
Idaho . . . . .	65	63	62	49	44	46	64.0	52.0	65.0	3,136	2,288	2,990
Ill . . . . .	420	345	280	275	260	230	56.0	60.0	61.0	15,400	15,600	14,030
Ind . . . . .	180	140	120	135	105	90	54.0	61.0	65.0	7,290	6,405	5,850
Iowa . . . . .	1,950	1,350	1,300	1,050	1,000	1,000	58.0	63.0	62.0	60,900	63,000	62,000
Kans . . . . .	150	135	175	105	85	120	39.0	44.0	38.0	4,095	3,740	4,560
Ky . . . . .	36	36	29	7	8	6	42.0	41.0	40.0	294	328	240
Maine . . . . .	46	45	46	42	41	42	66.0	62.0	58.0	2,772	2,542	2,436
Md . . . . .	23	22	22	19	17	19	53.0	55.0	59.0	1,007	935	1,121
Mich . . . . .	440	330	355	410	310	335	57.0	61.0	60.0	23,370	18,910	20,100
Minn . . . . .	2,150	1,650	1,650	1,830	1,490	1,450	54.0	57.0	57.0	98,820	84,930	82,650
Mo . . . . .	73	90	100	32	45	46	40.0	45.0	43.0	1,280	2,025	1,978
Mont . . . . .	356	321	220	185	125	73	51.0	39.0	44.0	9,435	4,875	3,212
Nebr . . . . .	600	525	510	450	400	370	47.0	53.0	41.0	21,150	21,200	15,170
N.J . . . . .	9	8	6	8	7	5	48.0	50.0	55.0	384	350	275
N.Y . . . . .	350	330	320	300	290	280	59.0	62.0	64.0	17,700	17,980	17,920
N.C . . . . .	185	180	160	95	95	75	57.0	57.0	52.0	5,415	5,415	3,900
N.Dak . . . . .	1,320	1,050	1,050	1,160	840	450	54.0	44.0	30.0	62,640	36,960	13,500
Ohio . . . . .	370	320	330	340	290	290	61.0	70.0	67.0	20,740	20,300	19,430
Okla . . . . .	260	230	220	95	95	100	36.0	48.0	39.0	3,420	4,560	3,900
Oreg . . . . .	125	115	125	65	60	60	65.0	67.0	69.0	4,225	4,020	4,140
Pa . . . . .	360	360	360	340	335	340	53.0	55.0	56.0	18,020	18,425	19,040
S.C . . . . .	120	110	83	65	59	40	54.0	56.0	49.0	3,510	3,304	1,960
S.Dak . . . . .	2,570	2,300	2,200	2,060	1,888	1,500	46.5	50.0	44.0	95,790	94,400	66,000
Tenn . . . . .	58	51	45	15	16	12	45.0	41.0	46.0	675	656	552
Tex . . . . .	1,800	1,700	1,480	430	400	340	32.0	42.0	37.0	13,760	16,800	12,580
Utah . . . . .	27	26	26	15	15	15	58.0	60.0	61.0	870	900	915
Va . . . . .	65	63	50	24	25	20	45.0	49.0	45.0	1,080	1,225	900
Wash . . . . .	72	69	75	30	33	30	58.0	53.0	62.0	1,740	1,749	1,860
W.Va . . . . .	18	17	15	12	12	11	42.0	51.0	49.0	504	612	539
Wis . . . . .	1,250	1,100	1,120	1,120	980	963	56.0	57.0	61.0	62,720	55,860	58,743
Wyo . . . . .	81	81	80	56	52	51	56.0	44.0	45.0	3,136	2,288	2,295
U.S . . . . .	16,407	13,957	13,360	11,126	9,679	8,640	52.3	54.4	53.0	581,657	526,551	457,593

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 53.—Oats and oatmeal: United States exports, by country of destination, 1978 and 1979<sup>1</sup>**

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1978	1979		1978	1979
Oats:	<i>Metric tons</i>	<i>Metric tons</i>	Oatmeal:	<i>Metric tons</i>	<i>Metric tons</i>
Mexico . . . . .	2,291	4,211	Mexico . . . . .	932	1,253
Belgium and Luxembourg . . . . .	.....	.....	Central America . . . . .	9,802	14,329
Germany, Fed. Rep. of . . . . .	.....	.....	Colombia . . . . .	1,463	9,211
Italy . . . . .	.....	2,500	Ecuador . . . . .	26	.....
Netherlands . . . . .	10,500	10,287	Venezuela . . . . .	4,376	2,302
Switzerland . . . . .	.....	7,127	Other Americas . . . . .	8,546	5,854
Other countries . . . . .	40,502	43,875	Other countries . . . . .	3,658	1,194
World total <sup>2</sup> . . . . .	53,293	68,000	World total . . . . .	28,803	34,143

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

<sup>2</sup> Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 54.—Oats: Production, disposition, and value, by States, crop of 1980 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala . . . . .	1,260	869	391	1.65	2,079	645
Ark . . . . .	2,079	499	1,580	1.85	3,846	2,923
Calif . . . . .	4,340	651	3,689	2.60	11,284	9,591
Colo . . . . .	1,683	1,027	656	2.20	3,703	1,443
Ga . . . . .	3,445	1,757	1,688	1.65	5,684	2,785
Idaho . . . . .	2,990	1,495	1,495	2.00	5,980	2,990
Ill . . . . .	14,030	8,278	5,752	1.80	25,254	10,354
Ind . . . . .	5,850	3,159	2,691	2.00	11,700	5,382
Iowa . . . . .	62,000	40,920	21,080	1.70	105,400	35,836
Kans . . . . .	4,560	3,283	1,277	1.90	8,664	2,426
Ky . . . . .	240	180	60	2.40	576	144
Maine . . . . .	2,436	292	2,144	1.50	3,654	3,216
Md . . . . .	1,121	908	213	1.90	2,130	405
Mich . . . . .	20,100	8,442	11,658	1.90	38,190	22,150
Minn . . . . .	82,650	49,590	33,060	1.75	144,638	57,855
Mo . . . . .	1,978	1,681	297	1.75	3,462	520
Mont . . . . .	3,212	2,313	899	1.90	6,103	1,708
Nebr . . . . .	15,170	11,074	4,096	1.85	28,065	7,578
N.J . . . . .	275	228	47	2.20	605	103
N.Y . . . . .	17,920	12,006	5,914	2.05	36,736	12,124
N.C . . . . .	3,900	2,574	1,326	1.60	6,240	2,122
N. Dak . . . . .	13,500	12,150	1,350	1.75	23,625	2,363
Ohio . . . . .	19,430	11,075	8,355	1.95	37,889	16,292
Okla . . . . .	3,900	2,691	1,209	2.05	7,995	2,478
Oreg . . . . .	4,140	1,201	2,939	2.15	8,901	6,319
Pa . . . . .	19,040	14,280	4,760	2.15	40,936	10,234
S.C . . . . .	1,960	1,274	686	1.50	2,940	1,029
S. Dak . . . . .	66,000	42,900	23,100	1.75	115,500	40,425
Tenn . . . . .	552	353	199	2.00	1,104	398
Tex . . . . .	12,580	7,548	5,032	1.85	23,273	9,309
Utah . . . . .	915	686	229	1.95	1,784	447
Va . . . . .	900	666	234	1.90	1,710	445
Wash . . . . .	1,860	837	1,023	2.05	3,813	2,097
W. Va . . . . .	539	497	42	1.65	889	69
Wis . . . . .	58,743	48,757	9,986	1.60	93,989	15,978
Wyo . . . . .	2,295	1,492	803	1.90	4,361	1,526
U.S . . . . .	457,593	297,633	159,960	1.82	822,702	291,709

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 55

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. 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 1979 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1979 and ends early in 1980.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 55.—Oats: Area, yield, and production in specified countries, 1978–80<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <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	1,829	1,541	1,515	1.98	1.93	2.00	3,621	2,978	3,028
Mexico	110	90	100	.91	.89	.90	100	80	90
United States	4,614	3,966	3,586	1.87	1.95	1.83	8,651	7,751	6,546
Total	6,553	5,597	5,201	1.89	1.93	1.86	12,372	10,809	9,664
South America:									
Argentina	500	410	460	1.35	1.27	1.33	676	522	610
Brazil	63	75	60	.92	.93	.92	58	70	55
Chile	75	79	92	1.24	1.90	1.88	93	150	173
Colombia	2	2	2	2.50	2.50	2.50	5	5	5
Ecuador	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay	34	66	21	.68	1.06	.90	23	70	19
Total	675	633	636	1.27	1.29	1.36	856	818	863
Europe:									
Belgium-Luxembourg	47	44	45	4.09	4.02	3.67	192	177	165
Denmark	61	39	40	3.38	4.18	4.20	206	163	168
France	611	540	532	3.61	3.42	3.58	2,203	1,845	1,906
Germany, Fed. Rep. of	973	919	853	4.16	4.02	3.78	4,049	3,697	3,228
Ireland	31	28	24	3.81	3.57	4.00	118	100	96
Italy	228	223	228	2.02	1.93	1.93	461	431	440
Netherlands	25	21	18	5.60	5.19	5.17	140	109	93
United Kingdom	182	136	148	3.88	3.99	4.19	706	542	620
Total EC	2,158	1,950	1,888	3.74	3.62	3.56	8,075	7,064	6,716
Austria	89	95	92	3.42	2.87	3.43	304	273	316
Finland	446	451	600	2.43	2.84	2.12	1,082	1,283	1,272
Greece	59	56	50	1.66	1.48	1.74	98	83	87
Norway	97	95	94	3.78	3.61	4.26	367	343	400
Portugal	177	189	184	.36	.32	.48	64	61	88
Spain	442	410	427	1.25	1.08	1.55	553	443	660
Sweden	453	456	452	3.42	3.34	3.73	1,550	1,524	1,685
Switzerland	11	11	11	5.00	4.55	5.00	55	50	55
Total Western Europe	3,932	3,713	3,798	3.09	3.00	2.97	12,148	11,124	11,279
Albania	20	20	20	1.40	1.40	1.50	28	28	30
Bulgaria	45	45	45	1.33	1.33	1.33	60	60	60
Czechoslovakia	151	150	160	3.01	2.73	2.81	455	409	450
German Dem. Rep.	153	136	130	3.89	3.91	3.85	595	532	500
Hungary	27	45	36	2.70	1.67	2.22	73	75	80
Poland	1,030	1,094	950	2.42	2.00	2.16	2,492	2,186	2,050
Romania	48	40	40	1.19	1.48	1.25	57	59	50
Yugoslavia	210	209	210	1.35	1.35	1.40	284	283	295
Total Eastern Europe	1,684	1,739	1,591	2.40	2.09	2.21	4,044	3,632	3,515
Total Europe	5,616	5,452	5,389	2.88	2.71	2.75	16,192	14,756	14,794
Soviet Union (Europe and Asia)	12,097	12,239	11,900	1.53	1.24	1.40	18,507	15,200	16,700
Africa:									
Algeria	80	80	130	.45	.66	.85	36	53	110
Morocco	26	15	15	.42	.40	.40	11	6	6
South Africa	403	425	361	.17	.20	.23	69	87	82
Total	509	520	506	.23	.28	.39	116	146	198
Asia:									
China	1,500	1,500	1,500	1.00	1.07	1.07	1,500	1,600	1,600
Japan	11	6	5	1.82	2.33	2.00	20	14	10
Turkey	225	220	200	1.64	1.68	1.75	370	370	350
Total	1,736	1,726	1,705	1.09	1.15	1.15	1,890	1,984	1,960
Oceania:									
Australia	1,354	1,128	1,225	1.30	1.26	.98	1,763	1,419	1,200
New Zealand	18	18	17	3.17	3.56	3.41	57	64	58
Total	1,372	1,146	1,242	1.33	1.29	1.01	1,820	1,483	1,258
World total	28,558	27,313	26,579	1.81	1.65	1.71	51,753	45,196	45,437

See footnotes on page 41.

**Table 56.—Barley: Area, yield, production, disposition, and value, United States, 1966–80**

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season 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>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	11,184	10,250	38.3	392,108	103,816	288,292	1.06	411,849
1967	10,077	9,230	40.5	373,745	104,154	269,591	1.01	374,412
1968	10,486	9,732	43.8	426,151	110,361	315,790	.921	390,241
1969	10,291	9,557	44.7	427,055	116,637	310,418	.885	377,878
1970	10,476	9,712	42.8	416,091	114,865	301,226	.973	400,312
1971	11,061	10,104	45.8	462,423	125,052	337,371	.993	457,558
1972	10,567	9,645	43.7	421,719	109,480	312,239	1.21	505,222
1973	11,045	10,295	40.5	417,434	109,068	308,366	2.14	881,569
1974	8,713	7,930	37.7	298,669	81,564	217,105	2.81	821,639
1975	9,373	8,617	44.0	379,162	101,667	277,495	2.42	905,923
1976	9,301	8,439	45.4	383,007	101,454	281,553	2.25	852,256
1977	10,778	9,728	44.0	427,784	115,948	311,836	1.78	760,043
1978	9,989	9,248	49.2	454,759	120,321	334,438	1.92	871,070
1979	8,110	7,522	50.9	382,798	109,590	273,208	2.29	871,607
1980 <sup>3</sup>	8,283	7,233	49.6	358,544	94,197	264,347	2.91	1,034,976

<sup>1</sup> Barley sown for all purposes, including barley sown in the preceding fall.

<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> Preliminary.

Statistical Reporting Service.

**Table 57.—Barley: Stocks on and off farms, United States, 1966–80**

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 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>
1966	246,672	177,746	113,764	56,467	139,998	115,226	92,240	64,798
1967	232,905	184,651	128,747	71,241	148,900	118,539	89,266	66,144
1968	305,974	250,262	185,706	116,056	151,139	123,898	99,034	84,609
1969	313,280	263,619	197,072	135,246	190,794	162,151	133,599	100,306
1970	305,992	238,143	141,748	80,534	183,833	142,192	115,019	74,845
1971	317,366	255,212	165,647	106,920	171,130	136,904	117,985	67,818
1972	321,090	245,864	160,937	88,699	131,967	115,568	97,340	73,788
1973	283,472	206,423	121,011	54,961	137,576	113,558	93,823	63,926
1974	176,641	125,032	62,975	29,582	126,165	102,728	71,227	45,642
1975	214,939	161,797	98,652	63,693	126,963	113,508	86,360	64,666
1976	213,370	157,605	92,152	52,959	152,354	117,511	97,316	73,448
1977	270,105	221,954	150,128	105,682	139,334	110,266	89,043	67,377
1978	342,521	277,020	198,700	149,428	129,611	114,164	97,753	78,615
1979	311,521	246,366	166,013	112,372	150,319	119,210	96,271	79,701
1980 <sup>3</sup>	248,059	184,069	112,152	.....	142,735	117,842	89,963	.....

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.

<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 58.—Barley: Supply and disappearance, United States, 1966–80

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use <sup>*</sup>			Exports	Total disappearance	Privately held <sup>1</sup>	Government <sup>2</sup>	Total
					Feed and residual	Food alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Millions 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>
1966	133	392	7	532	209	127	336	48	384	142	6	148
1967	148	374	9	531	205	129	334	36	370	155	6	161
1968	161	426	10	597	227	133	360	12	372	217	8	225
1969	225	427	13	665	248	138	386	10	396	256	13	269
1970	269	416	10	695	288	139	427	84	511	161	23	184
1971	184	462	12	658	270	139	409	41	450	208	0	208
1972	208	422	17	647	243	142	385	70	455	191	1	192
1973	192	417	9	618	236	143	379	93	472	146	0	146
1974	146	299	20	465	184	147	331	42	373	92	0	92
1975	92	379	16	487	189	146	335	24	359	128	0	128
1976	128	383	11	522	175	155	330	66	396	126	0	126
1977	126	428	9	564	178	156	334	57	391	173	0	173
1978	173	455	10	638	218	166	384	26	410	226	2	228
1979 <sup>3</sup>	228	383	12	623	204	172	376	55	431	189	3	192
1980 <sup>3</sup>	192	359	10	561	165	172	337	75	412	...	...	149

<sup>1</sup> Includes Government loans (original and resale).<sup>2</sup> Uncommitted Government only.<sup>3</sup> Preliminary.<sup>\*</sup> Revisions 1970 to date based on U.S. Bureau of the Census, *Census of Manufacturers*.

Economic Research Service.

Table 59.—Barley: Area, yield, and production, by States, 1978-1980

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>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>
Ariz . . . . .	42	50	60	35	43	50	71.0	75.0	79.0	2,485	3,225	3,950
Calif . . . . .	1,100	900	800	950	790	712	48.0	60.0	62.0	45,600	47,400	44,144
Colo . . . . .	260	295	265	230	275	245	62.0	68.0	65.0	14,260	18,700	15,925
Del . . . . .	33	33	33	24	25	25	44.0	45.0	49.0	1,056	1,125	1,225
Idaho . . . . .	1,040	960	900	1,020	930	880	62.0	59.0	67.0	63,240	54,870	58,960
Ill . . . . .	10	8	7	7	7	6	36.0	47.0	43.0	252	329	258
Kans . . . . .	66	66	69	55	52	59	42.0	44.0	41.0	2,310	2,288	2,419
Ky . . . . .	37	32	33	23	25	29	43.0	50.0	55.0	989	1,250	1,595
Md . . . . .	105	100	91	78	78	70	46.0	49.0	52.0	3,588	3,822	3,640
Mich . . . . .	23	21	23	22	20	21	47.0	47.0	53.0	1,034	940	1,113
Minn . . . . .	1,070	780	900	1,050	770	815	49.5	53.0	42.5	51,975	40,810	34,638
Mont . . . . .	1,420	1,100	1,180	1,300	1,040	1,050	43.0	39.0	42.0	55,900	40,560	44,100
Nebr . . . . .	33	30	29	29	28	25	38.0	43.0	38.0	1,102	1,204	950
Nev . . . . .	30	30	31	27	27	28	60.0	60.0	70.0	1,620	1,620	1,960
N.J . . . . .	30	28	27	15	14	15	46.0	51.0	53.0	690	714	795
N.Mex . . . . .	33	36	43	25	27	35	57.0	58.0	57.0	1,425	1,566	1,995
N.Y . . . . .	11	12	12	10	11	11	42.0	48.0	47.0	420	528	517
N.C . . . . .	72	73	69	61	64	60	52.0	51.0	48.0	3,172	3,264	2,880
N.Dak . . . . .	2,500	1,700	1,850	2,450	1,650	1,500	46.0	46.0	32.0	112,700	75,900	48,000
Ohio . . . . .	11	9	9	10	9	8	48.0	52.0	52.0	480	468	416
Okla . . . . .	100	80	75	80	55	50	34.0	46.0	33.0	2,720	2,530	1,650
Oreg . . . . .	225	180	170	200	160	155	54.0	52.0	65.0	10,800	8,320	10,075
Pa . . . . .	105	95	80	95	85	75	47.0	47.0	50.0	4,465	3,995	3,750
S.C . . . . .	27	26	26	24	23	23	47.0	48.0	44.0	1,128	1,104	1,012
S.Dak . . . . .	600	560	535	565	520	420	37.0	40.0	33.0	20,905	20,880	13,860
Tenn . . . . .	9	9	7	5	5	4	34.0	46.0	42.0	170	230	168
Tex . . . . .	110	100	70	40	50	36	27.0	46.0	30.0	1,080	2,300	1,080
Utah . . . . .	165	160	162	150	145	148	65.0	72.0	73.0	9,750	10,440	10,804
Va . . . . .	123	117	105	101	100	90	50.0	52.0	51.0	5,050	5,200	4,590
Wash . . . . .	400	330	440	380	315	420	61.0	54.0	75.0	23,180	17,010	31,500
W.Va . . . . .	11	11	10	10	10	9	44.0	41.0	44.0	440	410	396
Wis . . . . .	28	25	27	27	24	26	49.0	49.0	59.0	1,323	1,176	1,534
Wyo . . . . .	160	154	145	150	145	133	63.0	60.0	65.0	9,450	8,700	8,645
U.S . . . . .	9,989	8,110	8,283	9,248	7,522	7,233	49.2	50.9	49.6	454,759	382,798	358,544

<sup>1</sup>Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall.

<sup>2</sup>Preliminary.

Statistical Reporting Service.

FOOTNOTES FOR TABLE 61

<sup>1</sup>Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

<sup>2</sup>Includes price-support payments of 12 cents in 1969, and 1970, and a guarantee of 32 cents in 1972 and 26 cents in 1973. Barley was excluded from program in 1967, 1968, and 1971. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is 90 cents; for 1976, \$1.22; for 1977-79, \$1.63; for 1979, \$1.71; and, for 1980-81, \$1.83; on entire production. For 1974-77, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program.

<sup>3</sup>Percentage of parity price as of the beginning of the marketing year.

<sup>4</sup>Represents loans made, purchases, and purchase agreements entered into.

<sup>5</sup>Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

<sup>6</sup>Uncommitted CCC inventory.

<sup>7</sup>Preliminary.

<sup>8</sup>Producers who exceed their NCA will be eligible for the lower target price.

Agricultural Stabilization and Conservation Service.

Table 60.—Barley: Production, disposition, and value, by States, crop of 1980 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ariz	3,950	592	3,358	2.65	10,468	8,899
Calif	44,144	3,090	41,054	3.30	145,675	135,478
Colo	15,925	3,026	12,899	2.85	45,386	36,762
Del	1,225	429	796	2.30	2,818	1,831
Idaho	58,960	20,636	38,324	2.95	173,932	113,056
Ill	258	147	111	2.60	671	289
Kans	2,419	1,113	1,306	2.35	5,685	3,069
Ky	1,595	782	813	1.85	2,951	1,504
Md	3,640	2,038	1,602	2.25	8,190	3,605
Mich	1,113	512	601	3.75	4,174	2,254
Minn	34,638	5,542	29,096	2.95	102,182	85,833
Mont	44,100	10,143	33,957	2.75	121,275	93,382
Nebr	950	570	380	2.30	2,185	874
Nev	1,960	960	1,000	3.15	6,174	3,150
N.J	795	286	509	2.25	1,789	1,145
N.Mex	1,995	778	1,217	2.55	5,087	3,103
N.Y	517	279	238	2.35	1,215	559
N.C	2,880	1,814	1,066	2.10	6,048	2,239
N.Dak	48,000	10,080	37,920	2.70	129,600	102,384
Ohio	416	354	62	2.10	874	130
Okla	1,650	1,155	495	2.35	3,878	1,163
Oreg	10,075	1,612	8,463	3.05	30,729	25,812
Pa	3,750	2,437	1,313	3.00	11,250	3,939
S.C	1,012	567	445	2.05	2,075	912
S.Dak	13,860	6,376	7,484	2.90	40,194	21,704
Tenn	168	133	35	2.40	403	84
Tex	1,080	378	702	2.45	2,646	1,720
Utah	10,804	6,915	3,889	2.95	31,872	11,473
Va	4,590	2,938	1,652	2.30	10,557	3,800
Wash	31,500	3,780	27,720	3.00	94,500	83,160
W.Va	396	348	48	2.60	1,030	125
Wis	1,534	583	951	2.30	3,528	2,187
Wyo	8,645	3,804	4,841	3.00	25,935	14,523
U.S	358,544	94,197	264,347	2.91	1,034,976	770,148

Statistical Reporting Service.

Table 61.—Barley: Price-support operations, United States, 1966-81

Year beginning July 1	Support price		Put under support 4		Acquired by CCC under support program 5	Owned by CCC June 30
	Per bushel 2	Percentage of parity 3	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1966	1.00	78	16.5	4.2	2.5	5.9
1967	.90	68	48.2	12.9	17.0	5.9
1968	.90	67	123.8	29.3	70.0	618.5
1969	1.03	73	52.5	12.4	5.6	618.1
1970	1.03	71	27.6	6.7	.9	628.9
1971	.81	53	88.9	19.2	.7	61.4
1972	1.15	73	41.7	9.9	.....	6.6
1973	1.27	70	15.3	3.6	.....	6.4
1974	1.13	54	6.9	2.3	.....	.....
1975	1.13	45	9.2	2.5	.....	.....
1976	1.28	46	19.2	5.2	.....	.....
1977	2.15	71	86.7	20.6	.....	.....
1978	2.25	69	67.6	15.1	2.3	2.3
1979	2.40	61	30.0	7.9	.8	63.2
1980	2.55-2.29	62/56	29.6	7.2	.....	.....
1981	1.83	.....	.....	.....	.....	.....

See footnotes on page 45.

**Table 62.—Barley and malt: United States exports, by country of destination 1978 and 1979<sup>1</sup>**

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1978	1979		1978	1979
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Barley:			Malt:		
Mexico	68,068	221,232	Canada	233	254
Germany, Fed. Rep. of	4,785	984	Mexico	31	6,129
Italy		94,261	Costa Rica	9	21
Netherlands			Dominican Republic	5,532	6,908
Poland	52,726		Jamaica	24	225
Other Europe	87,155	341,511	Guyana	2,008	3,292
Japan	341	94,864	Peru	3	4,137
Other countries	131,059	722,030	Venezuela	8,241	11,038
			Other Americas	671	1,048
World total <sup>2</sup>	344,134	1,474,882	Japan	4,294	12,085
			Other countries	367	130
			World total	21,413	45,267

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

<sup>2</sup> Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 63.—Barley: Area, yield, and production in specified countries, 1978-80<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <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	4,259	3,724	4,574	2.44	2.27	2.41	10,387	8,460	11,041
Mexico	300	280	300	1.55	1.21	1.47	465	340	440
United States	3,736	3,035	2,981	2.62	2.71	2.57	9,776	8,230	7,664
Total	8,295	7,039	7,855	2.49	2.42	2.44	20,628	17,030	19,145
South America:									
Argentina	355	246	250	1.56	1.38	1.36	554	339	340
Bolivia	115	115	115	.65	.63	.74	75	72	85
Brazil	85	95	110	1.15	1.58	1.14	98	150	125
Chile	64	60	49	1.97	1.88	2.14	126	113	105
Colombia	73	73	70	1.77	1.86	1.79	129	136	125
Ecuador	32	35	42	.69	.89	.86	22	31	36
Peru	185	185	165	.95	.95	.91	175	175	150
Uruguay	53	40	45	1.08	1.78	1.33	57	71	60
Total	962	849	846	1.28	1.28	1.21	1,236	1,087	1,026
Europe:									
Belgium-Luxembourg	174	176	173	4.83	4.80	5.25	841	844	909
Denmark	1,570	1,622	1,588	4.01	4.11	3.74	6,301	6,662	5,939
France	3,814	2,802	2,639	2.97	4.00	4.45	11,321	11,196	11,755
Germany, Fed. Rep. of	1,951	1,989	1,998	4.41	4.11	4.43	8,608	8,184	8,856
Ireland	307	324	329	4.55	4.10	4.16	1,396	1,330	1,370
Italy	294	301	327	2.79	2.66	2.66	819	800	870
Netherlands	71	63	54	5.00	4.57	4.91	355	288	265
United Kingdom	2,348	2,343	2,338	4.20	4.10	4.41	9,850	9,613	10,300
Total EC	10,529	9,620	9,446	3.75	4.05	4.26	39,491	38,917	40,264
Austria	356	373	374	4.00	3.03	4.05	1,424	1,129	1,515
Finland	609	633	447	2.57	2.61	3.34	1,565	1,650	1,494
Greece	366	373	331	2.61	2.26	2.86	955	842	947
Malta	1	1	1	2.00	2.00	2.00	2	2	2
Norway	185	197	205	3.62	3.11	3.48	669	612	713
Portugal	86	74	72	.51	.45	.60	44	33	43
Spain	3,389	3,421	3,407	2.38	1.80	2.52	8,068	6,150	8,600
Sweden	674	704	658	3.61	3.33	3.78	2,434	2,345	2,486
Switzerland	46	49	49	4.63	4.80	4.80	213	235	235
Total Western Europe	16,241	15,445	14,990	3.38	3.36	3.76	54,865	51,915	56,299

See footnotes at end of table.

Table 63.—Barley: Area, yield, and production in specified countries, 1978-80<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <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
Europe—Continued									
Albania	10	10	10	1.00	1.00	1.00	10	10	10
Bulgaria	650	530	520	2.30	2.85	2.88	1,498	1,512	1,500
Czechoslovakia	919	980	910	3.96	3.68	4.07	3,638	3,606	3,700
German Dem. Rep.	1,035	1,030	1,020	3.99	3.23	3.82	4,134	3,323	3,900
Hungary	225	263	246	3.38	2.76	3.25	760	725	800
Poland	1,203	1,470	1,350	3.02	2.54	2.67	3,636	3,731	3,600
Romania	722	771	770	3.20	2.64	3.12	2,307	2,037	2,400
Yugoslavia	273	291	300	2.05	2.17	2.17	560	631	650
Total Eastern Europe	5,037	5,345	5,126	3.28	2.91	3.23	16,543	15,575	16,560
Total Europe	21,278	20,790	20,116	3.36	3.25	3.62	71,408	67,490	72,859
Soviet Union (Europe and Asia)	32,690	37,005	31,600	1.90	1.29	1.54	62,077	47,900	48,600
Africa:									
Algeria	800	825	875	.44	.51	.88	353	420	770
Egypt	48	45	39	2.75	2.71	2.69	132	122	105
Ethiopia	800	1,000	850	.69	.80	.80	550	800	680
Kenya	35	44	44	2.14	1.86	1.86	75	82	82
Libya	160	160	160	.56	.69	.63	90	110	100
Morocco	2,389	2,168	2,150	.97	.87	1.07	2,326	1,886	2,300
South Africa	98	107	68	1.38	1.32	1.43	135	141	97
Tunisia	475	490	705	.38	.71	.31	180	347	220
Total	4,805	4,839	4,891	.80	.81	.89	3,841	3,908	4,354
Asia:									
Afghanistan	350	350	250	1.07	1.07	1.20	375	375	300
Bangladesh	20	16	15	.65	.69	.67	13	11	10
Bhutan	9	9	9	.89	1.00	1.00	8	9	9
China	5,800	5,800	5,700	1.16	1.17	1.11	6,700	6,800	6,300
Cyprus	54	75	60	1.50	.80	1.33	81	60	80
India	2,001	1,838	2,000	1.15	1.16	1.00	2,311	2,121	2,000
Iran	1,300	1,250	1,250	.77	.80	.80	1,000	1,000	1,000
Iraq	714	800	800	.86	.78	.72	617	620	575
Israel	34	20	30	2.4	.25	1.17	8	5	35
Japan	92	116	122	3.54	3.50	3.16	326	406	385
Jordan	29	42	52	.52	.12	1.00	15	5	52
Korea, Rep. of	554	473	331	2.43	3.19	2.45	1,348	1,508	811
Lebanon	9	9	7	.89	.56	1.00	8	5	7
Nepal	27	25	27	.96	.88	.93	26	22	25
Pakistan	167	177	170	.72	.73	.74	121	129	125
Saudi Arabia	11	11	11	2.27	2.27	2.27	25	25	25
Syria	960	1,010	1,200	.63	.39	1.17	600	394	1,400
Turkey	2,600	2,700	2,800	1.83	1.85	1.86	4,750	5,000	5,200
Yemen, Arab Rep. (Sana)	60	70	60	.77	1.71	.83	46	120	50
Total	14,791	14,789	14,894	1.24	1.26	1.23	18,378	18,615	18,389
Oceania:									
Australia	2,777	2,486	2,650	1.44	1.50	1.09	4,006	3,728	2,900
New Zealand	90	79	90	3.64	3.73	3.67	328	295	330
Total	2,867	2,565	2,740	1.51	1.57	1.18	4,334	4,023	3,230
World total	85,688	87,876	82,942	2.12	1.82	2.02	181,902	160,053	167,603

<sup>1</sup> Years shown refer to year of harvest in the Northern Hemisphere. 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 1979 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1979 and end early in 1980.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 64.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1966–80

Year	Wheat		Rye		Rice (milled) <sup>3</sup>		Corn					Oats		Barley			
	Total consumed <sup>1</sup>	Per capita consumption of food products		Total consumed <sup>1</sup>	Per capita consumption of rye flour	Total consumed <sup>1</sup>	Per capita consumption	Total consumed <sup>4</sup>	Per capita consumption of food products					Total consumed <sup>5</sup>	Per capita consumption of oat food products	Total consumed <sup>6</sup>	Per capita consumption of food products <sup>7</sup>
		Flour <sup>2</sup>	Cereal						Meal	Cereal	Sirup	Sugar	Starch				
	<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million cwt.</i>	<i>Pounds</i>	<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>
1966	499	112	2.9	5.3	1.2	14.1	7.3	196	6.9	2.2	14.0	4.6	1.8	44	3.3	7	1.2
1967	507	113	2.9	5.4	1.2	14.6	7.5	202	7.2	2.3	14.1	4.6	1.8	43	3.2	8	1.2
1968	510	113	2.9	5.8	1.3	15.4	7.9	210	7.4	2.3	14.8	4.7	1.9	43	3.2	8	1.2
1969	513	113	2.9	5.4	1.2	16.4	8.3	215	7.4	2.3	15.4	4.9	1.9	44	3.2	8	1.2
1970	510	111	2.9	5.5	1.2	13.4	6.7	220	7.4	2.3	15.8	5.0	1.9	44	3.2	8	1.2
1971	513	111	2.9	5.3	1.2	15.6	7.7	225	7.4	2.3	16.2	5.0	1.9	44	3.2	8	1.2
1972	517	110	2.9	4.9	1.1	14.5	7.0	240	7.4	2.3	18.7	4.8	1.9	45	3.2	8	1.2
1973	536	114	2.9	5.9	1.3	14.5	7.0	261	7.5	2.3	21.7	5.2	1.9	45	3.2	8	1.2
1974	536	112	2.9	5.9	1.3	15.9	7.6	280	7.6	2.3	25.0	5.3	1.9	46	3.2	8	1.2
1975	561	116	2.9	4.7	1.0	16.1	7.7	305	7.7	2.3	28.5	5.5	1.9	46	3.2	8	1.2
1976	588	120	2.9	3.9	.9	15.3	7.2	330	7.7	2.3	32.0	5.5	1.9	46	3.2	8	1.2
1977	575	117	2.9	3.6	.8	16.2	7.6	345	7.7	2.3	34.0	5.5	1.9	46	3.2	8	1.2
1978	578	117	2.9	3.7	.8	12.5	5.8	365	7.7	2.3	34.7	5.5	1.9	46	3.2	8	1.2
1979 <sup>8</sup>	595	120	2.9	3.6	.7	20.8	9.6	369	7.7	2.3	34.7	5.5	1.9	46	3.2	8	1.2
1980 <sup>8</sup>	599	120	2.9	3.5	.7	20.9	9.5	375	7.7	2.3	34.7	5.5	1.9	46	3.2	8	1.2

<sup>1</sup> Excludes quantities used in alcoholic beverages.<sup>2</sup> Includes white, whole wheat, and semolina flour.<sup>3</sup> Rice consumption for year beginning August previous to the year stated.<sup>4</sup> Includes an allowance for the quantity used as hominy and grits.<sup>5</sup> Oats used in oatmeal, prepared breakfast foods, infant foods, and minor food products.<sup>6</sup> Malt for food, breakfast food uses, pearl barley, and flour.<sup>7</sup> Malt equivalent of barley food products.<sup>8</sup> Preliminary. Estimates of corn sirup, sugar, and starch are unofficial estimates; industry data were not reported after April 1968.

Economic Research Service. 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 65.—Sorghum: Area, yield, production, disposition, and value, United States, 1966–80

Year	Area planted for all purposes <sup>1</sup>	Sorghum for grain <sup>2</sup>							Sorghum for silage			Forage area harvested <sup>4</sup>
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel <sup>3</sup>	Value of production <sup>3</sup>	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>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>Tons<sup>5</sup></i>	<i>1,000 tons<sup>5</sup></i>	<i>1,000 acres</i>
1966	16,372	12,813	55.8	714,992	133,440	581,552	1.02	729,594	1,089	10.9	11,851	2,064
1967	18,945	14,988	50.4	755,344	152,113	603,231	.992	744,162	1,036	9.9	10,236	2,327
1968	17,793	13,890	52.6	731,277	139,581	591,696	.949	690,608	908	10.7	9,749	2,504
1969	17,231	13,437	54.3	729,919	157,152	572,767	1.07	771,510	798	11.7	9,360	2,600
1970	16,957	13,568	50.4	683,179	139,146	544,033	1.14	779,630	741	9.7	7,204	2,167
1971	20,547	16,142	53.8	867,997	244,515	623,482	1.04	895,823	1,011	10.9	10,998	2,675
1972	17,035	13,212	60.7	801,350	165,106	636,244	1.37	1,096,062	840	11.8	9,946	2,427
1973	18,994	15,700	58.8	923,224	180,841	742,383	2.14	1,978,268	836	11.4	9,520	2,093
1974	17,588	13,809	45.1	622,711	162,819	459,892	2.77	1,721,927	745	9.8	7,279	2,140
1975	18,080	15,403	49.0	754,354	174,702	579,652	2.36	1,777,100	763	9.8	7,492	1,438
1976	18,143	14,466	49.1	710,797	203,591	507,206	2.03	1,431,190	793	9.2	7,317	1,802
1977	16,636	13,797	56.6	780,944	249,333	531,611	1.82	1,411,570	839	10.9	9,184	1,556
1978	16,197	13,410	54.5	731,270	236,476	494,794	2.01	1,464,187	724	10.9	7,920	1,449
1979	15,277	12,901	62.7	808,862	260,338	548,525	2.34	1,879,823	764	11.8	9,015	1,211
1980 <sup>6</sup>	15,894	12,722	46.2	587,997	195,501	392,496	3.02	1,774,049	744	9.6	7,107	1,425

<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. Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>4</sup> Includes hogged or grazed and that cut and fed without removing grain.

<sup>5</sup> Green weight.

<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 66.—Sorghum grain: Stocks on and off farms, United States, 1966-81

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</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>
1966	212,919	133,589	71,353	50,614	765,142	590,556	461,521	340,587
1967	234,170	133,178	81,981	44,414	586,872	393,312	253,553	199,486
1968	212,743	141,921	90,536	58,063	519,341	374,907	277,408	230,948
1969	217,904	127,380	81,996	51,913	523,364	413,366	302,491	235,040
1970	184,644	117,505	67,649	38,726	503,506	385,895	278,918	205,235
1971	151,511	87,822	35,555	13,332	459,066	268,081	141,300	77,140
1972	243,431	142,402	66,585	30,514	463,528	336,362	208,488	111,231
1973	217,572	94,724	45,338	13,658	401,830	267,714	153,996	59,003
1974	217,090	113,602	54,576	18,086	426,818	266,742	123,533	43,145
1975	121,041	63,193	29,778	7,849	257,843	145,278	65,307	27,188
1976	164,509	84,107	49,951	14,008	309,600	164,221	104,090	37,486
1977	158,699	87,333	60,563	21,396	331,631	208,250	135,182	69,646
1978	218,292	139,450	108,316	56,056	398,245	273,525	210,749	134,477
1979	235,515	140,606	99,216	40,847	401,484	276,684	222,988	118,683
1980	235,370	142,820	91,592	40,472	412,290	253,165	186,288	106,064
1981 <sup>4</sup>	141,293	82,902	.....	.....	325,760	230,044	.....	.....

<sup>1</sup>Prior to 1976, estimates are for July 1.<sup>2</sup>Old crop only.<sup>3</sup>Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 67.—Sorghum: Supply and disappearance, United States, 1966-80

Year beginning October	Supply				Disappearance					Ending stocks Sept. 30		
	Beginning stocks	Production	Imports	Total	Domestic use*			Exports	Total disappearance	Privately held <sup>1</sup>	Government <sup>2</sup>	Total
					Feed and residual	Food, alcohol, and seed	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>
1966	391	715	( <sup>3</sup> )	1,106	601	13	614	248	862	51	193	244
1967	244	755	( <sup>3</sup> )	999	531	13	544	166	710	97	192	289
1968	289	731	( <sup>3</sup> )	1,020	614	13	627	106	733	89	198	287
1969	287	730	( <sup>3</sup> )	1,017	638	9	647	126	773	88	156	244
1970	244	683	( <sup>3</sup> )	927	680	13	693	144	837	27	63	90
1971	90	868	( <sup>3</sup> )	958	681	12	693	123	816	103	39	142
1972	142	801	( <sup>3</sup> )	943	648	10	658	212	870	68	5	73
1973	73	923	( <sup>3</sup> )	996	690	11	701	234	935	61	0	61
1974	61	623	( <sup>3</sup> )	684	425	12	437	212	649	35	0	35
1975	35	754	( <sup>3</sup> )	789	498	11	509	229	738	51	0	51
1976	51	711	( <sup>3</sup> )	762	414	11	425	246	671	91	0	91
1977	91	781	( <sup>3</sup> )	872	456	11	467	214	681	178	13	191
1978	191	731	( <sup>3</sup> )	922	545	10	555	207	762	44	116	160
1979	160	809	( <sup>3</sup> )	969	484	12	497	325	822	44	103	147
1980 <sup>4</sup>	147	588	( <sup>3</sup> )	735	349	12	407	250	657	.....	.....	124

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Uncommitted Government only.<sup>3</sup> Less than 500 thousand bushels.<sup>4</sup> Preliminary.\*Revisions 1970 to date based on U.S. Bureau of the Census, *Census of Manufacturers*.

Economic Research Service.

Table 68.—Sorghum: Area, yield, and production, by States, 1978-80

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ala	65	58	65	34	28	34	37.0	37.0	33.0	1,258	1,036	1,122
Ariz	32	31	35	25	25	26	78.0	71.0	75.0	1,950	1,775	1,950
Ark	230	200	275	200	176	203	60.0	62.0	29.0	12,000	10,912	5,887
Calif	153	157	165	135	140	152	71.0	75.0	73.0	9,585	10,500	11,096
Colo	500	490	490	340	340	350	31.0	38.0	35.0	10,540	12,920	12,250
Ga	85	89	150	43	49	82	29.0	39.0	24.0	1,247	1,911	1,968
Ill	75	85	75	63	70	62	68.0	68.0	59.0	4,284	4,760	3,658
Ind	25	18	14	15	11	8	60.0	50.0	52.0	900	550	416
Iowa	36	30	30	24	19	19	75.0	74.0	70.0	1,800	1,406	1,330
Kans	4,450	4,350	4,700	3,860	3,570	3,640	51.0	69.0	43.0	196,860	246,330	156,520
Ky	30	40	40	20	29	26	62.0	68.0	50.0	1,240	1,972	1,300
La	30	30	32	17	18	14	34.0	38.0	34.0	578	684	476
Miss	65	75	75	21	33	38	38.0	44.0	35.0	798	1,452	1,330
Mo	930	800	1,000	850	720	900	78.0	82.0	48.0	66,300	59,040	43,200
Nebr	2,050	2,100	2,200	1,870	1,920	2,030	75.0	79.0	60.0	140,250	151,680	121,800
N.Mex	336	319	340	267	258	257	46.0	52.0	40.0	12,282	13,416	10,280
N.C.	130	112	103	86	75	62	47.0	50.0	36.0	4,042	3,750	2,232
Okla	700	700	700	485	515	480	36.0	45.0	34.0	14,460	23,175	16,320
Pa. <sup>2</sup>	..	18	14	..	7	5	..	75.0	50.0	..	525	250
S.C.	29	26	30	15	14	15	37.0	41.0	22.0	555	574	330
S.Dak	480	485	485	355	345	325	50.0	45.0	33.0	17,750	15,525	10,725
Tenn	45	45	55	24	29	35	51.0	51.0	42.0	1,224	1,479	1,470
Tex	5,700	5,000	4,800	4,650	4,500	3,950	49.0	54.0	46.0	227,850	243,000	181,700
Va	21	19	21	11	10	9	47.0	49.0	43.0	517	490	387
U.S.	16,197	15,277	15,894	13,410	12,901	12,722	54.5	62.7	46.2	731,270	808,862	587,997

<sup>1</sup> Preliminary.<sup>2</sup> Estimates begin with 1979 crop.

Statistical Reporting Service.

Table 69.—Sorghum: Utilization for silage and forage, by States, 1978-80

State	Silage									Forage area harvested <sup>1</sup>		
	Area harvested			Yield per acre			Production					
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	<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>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
Ala	18	15	15	10.0	10.5	9.5	180	158	143	10	12	10
Ariz	5	4	6	17.0	17.0	18.5	85	68	111	1	1	2
Ark	12	12	9	10.5	13.5	9.0	126	162	81	13	11	41
Calif	9	9	8	17.0	19.0	19.0	153	171	152	6	6	4
Colo	23	25	22	11.0	14.0	16.0	253	350	352	102	95	93
Ga	29	30	36	12.5	13.0	9.0	363	390	324	8	7	12
Ill	7	10	8	11.5	11.5	11.5	81	115	92	5	5	4
Ind	7	5	4	13.0	11.5	11.0	91	58	44	..	..	..
Iowa	9	9	9	14.0	14.0	14.5	126	126	131	2	1	1
Kans	220	320	305	10.0	12.0	9.0	2,200	3,840	2,745	260	400	455
Ky	6	5	7	12.0	11.5	11.5	72	58	81	3	4	5
La	9	9	13	10.0	10.0	9.0	90	90	117	2	2	3
Miss	35	35	27	13.0	13.5	10.0	455	473	270	8	6	7
Mo	34	22	25	12.0	11.0	7.5	408	242	188	38	44	50
Nebr	80	80	70	13.0	10.5	9.5	1,040	840	665	50	50	50
N.Mex	9	9	11	13.0	13.5	12.5	117	122	138	42	40	18
N.C.	29	26	28	13.0	13.0	11.5	377	338	322	13	9	10
Okla	45	35	30	9.0	14.0	9.0	405	490	270	115	115	120
Pa. <sup>3</sup>	..	4	4	..	13.0	10.5	..	52	42	..	5	3
S.C.	11	9	11	9.5	11.0	7.0	105	99	77	2	2	1
S.Dak	58	43	51	8.0	8.0	5.4	464	344	275	60	73	78
Tenn	11	6	12	10.5	12.0	11.0	116	72	132	8	7	6
Tex	50	35	25	10.5	8.0	11.0	525	280	275	700	315	450
Va	8	7	8	11.0	11.0	10.0	88	77	80	1	1	2
U.S.	724	764	744	10.9	11.8	9.6	7,920	9,015	7,107	1,449	1,211	1,425

<sup>1</sup> Includes hogged or grazed and that cut and fed without removing grain.<sup>2</sup> Preliminary.<sup>3</sup> Estimates begin with 1979 crop.

Statistical Reporting Service.

Table 70.—Sorghum grain: Production, disposition, and value, by States, crop of 1980 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	1,122	853	269	3.00	3,366	807
Ariz	1,950	214	1,736	3.72	7,254	6,458
Ark	5,887	1,943	3,944	2.88	16,955	11,359
Calif	11,096	1,110	9,986	3.56	39,502	35,550
Colo	12,250	3,062	9,188	3.00	36,750	27,564
Ga	1,968	1,456	512	3.00	5,904	1,536
Ill	3,658	1,975	1,683	2.94	10,755	4,948
Ind	416	196	220	2.80	1,165	616
Iowa	1,330	731	599	2.24	2,979	1,342
Kans	156,520	54,782	101,738	2.94	460,169	299,110
Ky	1,300	741	559	3.16	4,108	1,766
La	476	190	286	2.91	1,385	832
Miss	1,330	479	851	2.52	3,352	2,145
Mo	43,200	20,736	22,464	2.91	125,712	65,370
Nebr	121,800	30,450	91,350	2.91	354,438	265,829
N.Mex	10,280	1,850	8,430	3.42	35,158	28,831
N.C	2,232	937	1,295	3.02	6,741	3,911
Okla	16,320	4,896	11,424	3.16	51,571	36,100
Pa	250	187	63	3.02	755	190
S.C	330	181	149	2.66	878	396
S.Dak	10,725	5,255	5,470	2.69	28,550	14,714
Tenn	1,470	1,147	323	3.11	4,572	1,005
Tex	181,700	61,778	119,922	3.14	570,538	376,555
Va	387	352	35	3.08	1,192	108
U.S	587,997	195,501	392,496	3.02	1,774,049	1,187,042

Statistical Reporting Service.

Table 71.—Sorghum grain: Price-support operations, United States, 1966–81

Year beginning October	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Sept. 30
	Per cwt. <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Million cwt.</i>
1966	2.05	80	15.5	3.9	0.2	108.2
1967	2.14	83	36.6	8.7	5.6	107.8
1968	2.14	80	41.3	9.9	7.8	<sup>5</sup> 110.6
1969	2.14	76	23.2	5.5	2.0	<sup>5</sup> 87.6
1970	2.14	73	17.1	4.5	3.8	<sup>5</sup> 35.1
1971	2.21	71	86.5	17.6	1.0	<sup>5</sup> 21.9
1972	2.39	71	16.7	3.6	.....	<sup>5</sup> 2.7
1973	2.61	66	13.2	2.5	.....	.....
1974	2.34	50	2.2	.6	.....	.....
1975	2.34	45	5.4	1.3	.....	.....
1976	2.66	48	12.5	3.1	.....	.....
1977	4.07	71	121.7	27.5	13.0	13.0
1978	4.07	66	51.6	12.3	31.0	44.0
1979	4.18	60	35.8	7.9	.....	<sup>5</sup> 24.1
1980	<sup>7</sup> 4.46	57/56	<sup>6</sup> 16.1	<sup>6</sup> 4.9	.....	.....
1981	<sup>6</sup> 4.46	.....	.....	.....	.....	.....

<sup>1</sup>Includes price-support payments per hundredweight of 53 cents from 1966 to 1970, and a guarantee of 52 cents in 1971, 68 cents in 1972, and 54 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.88; for 1976, \$2.55; for 1977–78, \$3.39; for 1979, \$3.57 and, for 1980–81, \$3.82 on entire production. For 1974 to 1977, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program.

<sup>2</sup>Percentage of parity price as of the beginning of the marketing year.

<sup>3</sup>Represents loans made, purchases, and purchase agreements entered into.

<sup>4</sup>Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

<sup>5</sup>Uncommitted CCC inventory.

<sup>6</sup>Preliminary.

<sup>7</sup>Producers who exceed their NCA will be eligible for the lower target price.

Agricultural Stabilization and Conservation Service.

Table 72.—Sorghum grain: United States exports by country of destination, 1978-79<sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1978	1979		1978	1979
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Western Hemisphere:			Asia:		
Canada .....	2,585	2,891	India .....		
Mexico .....	1,123,979	2,287,576	Israel .....	689,409	348,047
Other countries .....	575,383	232,083	Japan .....	1,981,095	3,974,244
			Other countries .....	119,367	201,525
Total Americas .....	1,701,947	2,522,550	Total Asia and Oceania ..	2,789,871	4,522,816
Europe:			Africa:		
Belgium and Luxembourg ..		265	Senegal .....	1,171	13,728
Germany, Fed. Rep. of .....	837	272	South Africa .....	290	1,763
Netherlands .....	37,751	69,065	Other Countries .....	23,373	36,797
Norway .....	141,480	232,778			
Poland .....	136,417	107,466	Total Africa .....	24,834	52,288
Other countries .....	413,996	747,022			
Total Europe .....	730,481	1,156,868	World total .....	5,247,133	8,254,522

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

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 73.—Feed grains: United States exports under specified Government programs, 1966-79

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</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>	<i>1,000 metric tons</i>
1966 .....	2,941	234	278	41	9	5	3,508
1967 .....	1,105	490	95	15		1	1,706
1968 .....	46	676	51	14		1	788
1969 .....	91	978	125	4			1,198
1970 .....	79	784	301	1			1,165
1971 .....	90	1,123	174				1,387
1972 .....	9	1,275	177	1			1,462
1973 .....		379	452	14		115	960
1974 .....		14	142	2			158
1975 .....			56	6			210
(8) .....		(35)	(11)	(1)		(610)	(657)
1976 .....		480	46	3		1,306	1,834
1977 .....		424	160			1,440	2,024
1978 .....		565	113	7		1,445	2,130
1979 .....		634	190	37		224	1,085

<sup>1</sup> Year beginning July 1 for 1966-75 and Oct. 1 starting in 1976.<sup>2</sup> Authorized by Title I, P.L. 480.<sup>3</sup> Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.<sup>4</sup> Authorized by Title II, P.L. 480.<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967.<sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation.<sup>7</sup> Foreign Assistance Act of 1961, as amended.<sup>8</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 74.—Commercial feeds: Disappearance for feed, United States, 1966–79

Year beginning October	Oilseed cake and meal						Animal protein			
	Soy- bean	Cotten- seed	Linseed	Peanut	Copra <sup>1</sup>	Total	Tankage and meat meal	Fish meal	Dried milk <sup>2</sup>	Total
	<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>	<i>1,000 tons</i>	<i>1,000 tons</i>
1966	10,820	1,755	248	115	90	13,028	2,068	827	255	3,150
1967	10,753	1,462	183	133	119	12,650	2,059	1,083	250	3,392
1968	11,525	2,086	197	135	111	14,054	2,021	835	235	3,091
1969	13,582	1,794	182	122	83	15,763	2,014	567	230	2,811
1970	13,467	1,693	258	173	99	15,690	2,039	609	260	2,908
1971	13,173	1,885	264	174	100	15,596	1,879	752	330	2,961
1972	11,972	2,225	212	180	100	14,689	1,739	459	330	2,528
1973	13,766	2,078	184	130	.....	16,158	1,854	350	315	2,519
1974	12,501	1,807	95	151	.....	14,554	1,981	444	150	2,575
1975	15,552	1,238	84	313	.....	17,187	2,001	508	147	2,656
1976	14,001	1,519	127	203	.....	15,850	2,200	414	138	2,752
1977	16,277	2,026	83	89	.....	18,475	2,320	418	161	2,899
1978	17,719	1,598	83	138	.....	19,538	2,324	509	138	2,971
1979 <sup>3</sup>	19,000	1,900	75	136	351	21,462	2,931	395	266	3,592

  

Year beginning October	Mill products <sup>4</sup>								Total commer- cial feeds
	Wheat mill- feeds	Gluten feed and meal <sup>5</sup>	Rice mill- feeds	Brewer's dried grains	Distillers' dried grains	Dried and molasses beet pulp <sup>6</sup>	Alfalfa meal	Total	
	<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>	<i>1,000 tons</i>
1966	4,499	1,193	451	324	425	1,129	1,599	9,620	25,798
1967	4,490	1,053	476	336	447	1,130	1,550	9,482	25,524
1968	4,469	963	494	333	437	1,523	1,662	9,881	27,026
1969	4,633	1,000	490	361	428	1,675	1,545	10,132	28,706
1970	4,499	1,236	436	361	382	1,509	1,584	10,007	28,605
1971	4,364	1,067	479	369	404	1,570	1,568	9,821	28,378
1972	4,397	1,262	446	361	428	1,566	1,799	10,259	27,476
1973	4,465	1,361	471	348	456	1,375	1,555	10,031	28,708
1974	4,693	1,502	576	346	339	1,325	1,557	10,338	27,467
1975	4,933	1,477	547	321	400	1,861	1,569	11,108	30,951
1976	4,797	1,038	602	297	374	1,756	1,202	10,066	28,668
1977	4,970	1,223	552	282	403	1,451	1,497	10,378	31,752
1978	4,944	1,194	633	309	495	1,501	1,371	10,447	32,956
1979 <sup>3</sup>	4,851	505	707	338	495	1,637	1,225	9,758	34,812

<sup>1</sup> Beginning 1979 quantity shown is for sunflower meal.<sup>2</sup> Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years.<sup>3</sup> Preliminary.<sup>4</sup> Other mill products that are not listed include screenings, hominy, and oats feeds, etc., for which no statistics are available.<sup>5</sup> Adjusted for export data.<sup>6</sup> Does not include wet sugarbeet pulp.

Economic Research Service.

Table 75.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1966–80

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						
	<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>Million units</i>	<i>Pounds</i>	<i>Index numbers 1967 = 100</i>
1966 . . . . .	10,820	1,741	12,561	3,950	1,074	17,585	103.4	340	103
1967 . . . . .	10,753	1,487	12,240	4,290	1,006	17,536	102.9	341	99
1968 . . . . .	11,525	1,995	13,520	3,868	946	18,334	104.1	352	96
1969 . . . . .	13,582	1,729	15,311	3,444	976	19,731	105.2	375	105
1970 . . . . .	13,467	1,760	15,227	3,539	1,095	19,861	107.6	369	105
1971 . . . . .	13,173	1,920	15,093	3,616	1,008	19,717	107.2	368	117
1972 . . . . .	11,972	2,159	14,131	3,059	1,134	18,324	105.5	347	272
1973 . . . . .	13,854	1,945	15,799	3,012	1,202	20,013	104.1	384	197
1974 . . . . .	12,552	1,698	14,250	3,058	1,129	18,437	96.6	381	171
1975 . . . . .	15,613	1,391	17,004	3,185	1,231	21,420	101.3	425	193
1976 . . . . .	14,056	1,517	15,573	3,254	1,102	19,929	103.2	387	252
1977 . . . . .	16,277	1,735	18,012	3,412	1,064	22,488	104.5	430	213
1978 . . . . .	18,660	1,622	20,282	2,800	1,500	24,582	108.0	455	248
1979 . . . . .	19,882	1,728	21,611	3,068	2,239	26,918	114.6	470	240
1980 <sup>4</sup> . . . . .	18,549	1,613	20,162	2,849	2,921	25,932	114.4	453	.....

<sup>1</sup>In terms of 44 percent protein soybean meal equivalent.

<sup>2</sup>Includes cottonseed, linseed, peanut meal, and sunflower meal. Includes 30,000 tons previously excluded for industrial uses and for fertilizer.

<sup>3</sup>Beginning 1966, adjusted for exports of corn gluten feed and meal.

<sup>4</sup>Preliminary.

Economic Research Service.

Table 76.—Feed concentrates fed to livestock and poultry, 1966–80

Year beginning October	Feed grains				Wheat	Rye	By- product feeds <sup>1</sup>	Total con- centrates	Grain- con- suming animal units	Concen- trates fed per grain- con- suming animal unit
	Corn	Sorghum	Oats and barley	Total						
1966 . . . . .	93.2	16.8	17.0	127.0	3.6	0.3	31.2	162.1	77.2	2.10
1967 . . . . .	98.2	14.9	15.8	128.9	4.3	.3	31.1	164.6	77.1	2.13
1968 . . . . .	100.2	17.2	18.1	135.5	5.2	.3	32.9	173.9	78.4	2.22
1969 . . . . .	106.3	17.9	18.2	142.4	6.7	.3	34.7	184.1	78.5	2.25
1970 . . . . .	100.3	19.1	18.9	138.3	7.2	.4	34.5	180.1	80.0	2.25
1971 . . . . .	111.4	19.4	18.3	149.1	8.5	.5	34.0	192.1	80.2	2.40
1972 . . . . .	120.7	18.5	16.1	155.3	5.0	.5	33.3	194.1	79.4	2.44
1973 . . . . .	117.7	19.4	15.1	152.2	1.7	.3	34.4	188.6	78.5	2.40
1974 . . . . .	90.3	12.1	13.6	116.0	1.9	.2	32.5	150.6	69.8	1.96
1975 . . . . .	100.6	14.1	12.8	127.5	1.6	.2	36.7	166.0	74.8	2.22
1976 . . . . .	100.4	12.0	11.5	123.9	7.5	.1	34.3	165.8	76.0	2.18
1977 . . . . .	103.8	13.2	12.6	129.6	5.5	.2	37.4	172.7	77.7	2.22
1978 . . . . .	117.6	15.2	13.4	146.2	5.1	.2	40.0	191.5	80.4	2.37
1979 . . . . .	127.2	13.7	12.7	153.6	2.1	.5	42.5	198.7	82.3	2.41
1980 <sup>2</sup> . . . . .	121.8	11.2	11.6	144.6	4.1	.5	41.3	190.6	80.8	2.36

<sup>1</sup>Oilseed meals, animal protein feeds, mill byproducts and mineral supplements.

<sup>2</sup>Preliminary.

Economic Research Service.



**Table 77.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1966–79**

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>
1966 . . . . .	9,434	120	4,643	7,149	3,542	4,004	1,064	947	1,925
1967 . . . . .	9,876	121	4,558	7,653	3,611	4,143	1,087	974	1,958
1968 . . . . .	10,092	120	4,602	8,068	3,591	4,227	1,107	974	1,906
1969 . . . . .	10,524	109	4,742	8,611	3,566	4,261	1,107	915	1,713
1970 . . . . .	10,600	107	4,657	9,155	3,494	4,230	1,107	943	1,731
1971 . . . . .	11,370	112	5,859	9,198	3,637	4,391	1,147	1,008	1,848
1972 . . . . .	11,250	112	4,907	8,811	3,718	4,398	1,175	1,031	1,993
1973 . . . . .	11,570	113	5,774	7,708	5,303	5,595	1,539	2,021	1,744
1974 . . . . .	11,543	112	5,571	5,584	5,178	5,480	1,468	1,856	2,332
1975 . . . . .	11,540	109	6,303	7,593	5,247	6,031	2,183	1,260	2,386
1976 . . . . .	11,809	108	6,405	6,516	5,344	5,871	1,899	1,840	2,114
1977 . . . . .	12,129	110	6,864	6,524	5,251	5,421	1,374	1,442	2,552
1978 . . . . .	12,494	110	6,700	8,196	5,240	5,648	1,457	1,397	2,349
1979 <sup>4</sup> . . . . .	12,978	111	6,800	8,122	5,437	5,757	1,411	1,373	2,497

  

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>
1966 . . . . .	93	55	30	619	10.8	305	100	403	602	5,040
1967 . . . . .	94	55	30	637	10.4	292	99	411	593	5,115
1968 . . . . .	96	56	31	630	9.8	273	99	409	596	4,904
1969 . . . . .	97	57	31	646	9.2	254	98	415	587	4,880
1970 . . . . .	96	57	31	646	9.4	257	96	408	572	4,880
1971 . . . . .	99	57	32	675	9.3	248	96	407	594	4,880
1972 . . . . .	99	57	32	672	9.1	245	95	419	640	4,867
1973 . . . . .	100	59	32	663	9.7	257	94	400	660	3,607
1974 . . . . .	100	57	26	540	10.1	268	82	401	530	3,592
1975 . . . . .	101	56	26	540	7.7	228	71	381	566	3,547
1976 . . . . .	105	58	25	542	8.7	236	70	378	584	3,678
1977 . . . . .	103	56	24	560	8.6	225	79	408	633	3,680
1978 . . . . .	107	58	26	550	9.3	243	79	439	662	3,656
1979 <sup>4</sup> . . . . .	107	62	26	565	9.4	263	76	414	688	3,860

<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> About 19 pounds of wool were produced with each 100 pounds live-weight production.

<sup>4</sup> Preliminary.

**Table 78.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1966–80**

Year beginning October	Concentrates	Harvested roughage	Pasture	Total	Year beginning October	Concentrates	Harvested roughage	Pasture	Total
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>		<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>
1966 .....	151	76	248	475	1974 .....	151	85	268	504
1967 .....	161	77	242	480	1975 .....	173	96	243	512
1968 .....	169	78	233	480	1976 .....	179	100	228	507
1969 .....	182	74	227	483	1977 .....	183	89	214	486
1970 .....	178	74	238	490	1978 .....	205	94	201	500
1971 .....	184	74	238	496	1979 <sup>1</sup> .....	210	101	211	522
1972 .....	189	74	241	504	1980 <sup>2</sup> .....	201	102	232	535
1973 .....	192	77	244	513					

<sup>1</sup> Preliminary.<sup>2</sup> Estimated.

Economic Research Service.

**Table 79.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1966–80<sup>1</sup>**

Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</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>		<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>
1966 .....	77,196	88,202	84,022	1974 .....	70,235	103,765	90,865
1967 .....	77,125	88,122	83,941	1975 .....	74,795	98,224	88,882
1968 .....	78,443	87,532	84,071	1976 .....	76,059	94,839	87,296
1969 .....	78,458	87,964	84,347	1977 .....	77,711	89,536	85,669
1970 .....	79,868	89,861	86,073	1978 .....	80,437	86,009	83,545
1971 .....	80,000	91,057	86,842	1979 .....	82,257	87,452	85,220
1972 .....	79,359	93,198	87,926	1980 <sup>5</sup> .....	80,840	90,583	85,668
1973 .....	78,354	99,520	91,429				

<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 SRS, 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.

Economic Research Service.

Table 80.—Feed grains: Average price, selected markets and grades, 1966-79<sup>1</sup>

Crop year <sup>2</sup>	Kansas City			Minneapolis			
	Corn, No. 2 Yellow	Corn, No. 2 White	Sorghum, No. 2 Yellow	Corn, No. 2 Yellow	Barley, No. 3 or Better malting	Barley, No. 2 Feed <sup>3</sup>	Oats, No. 2 White
	<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>
1966	1.35	1.46	2.11	1.29	1.30	1.21	0.72
1967	1.20	1.33	1.96	1.10	1.20	1.14	.71
1968	1.23	2.24	1.97	1.16	1.11	1.01	.65
1969	1.31	1.70	2.07	1.20	1.06	.98	.64
1970	1.45	1.94	2.32	1.35	1.18	1.11	.69
1971	1.27	1.26	2.05	1.16	1.13	1.04	.66
1972	1.93	2.48	3.24	1.70	1.44	1.17	.82
1973	2.91	3.66	4.64	2.78	2.67	2.03	1.30
1974	3.08	4.09	5.04	3.05	4.16	2.58	1.68
1975	2.69	2.92	4.46	2.67	3.52	2.38	1.66
1976	2.26	2.91	3.49	2.25	3.13	2.35	1.74
1977	2.28	3.30	3.54	2.13	2.27	1.68	1.27
1978	2.56	2.93	4.00	2.32	2.38	1.80	1.43
1979	2.72	4.70	4.65	2.53	2.87	2.16	1.57

  

Crop year <sup>2</sup>	Omaha: Corn, No. 2 Yellow	Chicago: Corn, No. 2 Yellow	Texas High Plains Sorghum, No. 2 Yellow <sup>4</sup>	Los Angeles			St. Louis: Corn, No. 2 Yellow
				Corn, No. 2 Yellow	Barley, No. 2 Western	Sorghum, No. 2 Yellow	
	<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>
1966	1.29	1.36	2.40	1.60	1.37	2.56	1.41
1967	1.16	1.14	2.27	1.50	1.22	2.45	1.16
1968	1.21	1.22	2.31	1.56	1.29	2.53	1.23
1969	1.24	1.31	2.42	1.62	1.29	2.64	1.33
1970	1.39	1.47	2.73	1.79	1.42	2.99	1.45
1971	1.23	1.23	2.12	1.71	1.47	2.82	1.19
1972	1.80	1.91	3.34	2.39	1.76	4.16	1.85
1973	2.79	2.95	4.78	3.43	2.70	5.64	2.87
1974	3.05	3.12	5.08	3.66	3.14	6.12	3.07
1975	2.66	2.75	4.47	3.34	2.81	5.63	2.70
1976	2.15	2.30	3.64	2.86	2.61	4.68	2.25
1977	2.08	2.26	3.88	2.99	2.35	4.82	2.23
1978	2.28	2.54	4.40	3.39	2.53	5.44	2.51
1979	2.49	2.81	4.97	3.74	2.96	6.32	2.73

<sup>1</sup> Straight average of monthly AMS prices.<sup>2</sup> Crop year begins October for corn and sorghum. For barley and oats, crop year began in July from 1966-72 and June for 1973-79.<sup>3</sup> Barley No. 3 or better for 1966-72.<sup>4</sup> Fort Worth for 1966-70.

Agricultural Marketing Service.

Table 81.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1966-79

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Copra meal	Peanut meal	Meat meal	Tankage digester	Fish meal	Wheat bran
	44% protein	49-50% protein	41% protein	41% protein	34% protein	20% protein	45% protein	50% protein	60% protein	60% protein	
	Decatur	Decatur	Fort Worth	Mem- phis	Minne- apolis	Los Angeles	S.E. mills	Chicago	Chicago	Los Angeles	Kansas City
	<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>	<i>Dollars</i>	<i>Dollars</i>
1966	78.80	86.30	81.30	77.50	74.40	80.80	82.50	94.00	98.10	129.00	45.70
1967	76.90	84.30	77.50	77.40	76.50	82.80	81.10	88.80	92.50	117.10	39.70
1968	74.10	82.50	67.60	65.20	78.40	76.70	80.00	91.60	94.90	132.20	40.20
1969	78.40	86.60	79.40	71.40	78.30	77.70	80.40	107.00	109.50	175.50	42.50
1970	78.50	84.30	81.60	72.30	62.60	80.00	77.70	95.60	99.60	145.50	45.00
1971	90.20	98.20	83.40	75.60	72.50	80.00	85.50	111.25	112.50	145.20	41.90
1972	229.00	253.40	165.70	161.20	159.20	.....	.....	252.90	269.40	333.50	70.40
1973	146.40	160.60	138.90	130.70	128.00	.....	.....	187.90	202.40	339.10	90.80
1974	130.90	141.25	127.60	119.00	126.70	.....	129.30	149.30	159.90	245.60	86.60
1975	147.80	157.70	152.90	145.00	134.60	.....	150.90	174.10	184.10	247.90	88.60
1976	199.80	218.70	179.50	173.60	156.90	.....	207.40	220.70	230.90	.....	81.80
1977	164.20	179.40	147.20	139.70	137.75	.....	164.40	198.40	208.50	.....	70.00
1978	190.10	206.20	171.60	164.80	152.20	.....	198.50	237.70	247.90	.....	87.70
1979	181.90	197.00	177.40	164.10	154.40	.....	186.10	227.25	.....	.....	95.60

  

Year beginning October	Wheat mid- dlings	Wheat shorts or mid- dlings	Wheat mill- run	Gluten feed	Hominy feed	Distil- lers' dried grains	Brewers' dried grains	Alfalfa meal		Feeding molasses	Index numbers Jan.- Dec. 1967= 100 <sup>1</sup>
				21% protein				Dehy- drated, 17% protein	Sun- cured		
	Minne- apolis	Kansas City	Port- land	Chicago	Chicago	Cincin- nati	Mil- waukee	Kansas City	Kansas City	New Orleans	
	<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>	<i>Dollars</i>	
1966	45.30	46.00	46.00	50.10	46.00	64.50	50.70	53.40	43.90	29.29	103.2
1967	39.80	39.70	41.80	44.90	39.00	52.70	45.90	39.10	37.20	25.60	97.3
1968	39.90	40.20	41.60	43.70	41.10	55.30	45.00	42.40	38.30	20.20	95.1
1969	42.30	42.50	42.60	47.80	43.20	57.90	48.90	45.30	40.00	24.80	103.7
1970	43.90	45.00	49.80	49.50	45.70	64.40	51.50	48.10	44.80	25.10	110.9
1971	40.40	41.90	46.90	47.10	39.20	61.30	51.10	48.40	45.10	26.10	112.7
1972	68.50	70.40	75.70	75.20	60.90	102.00	87.25	77.60	63.30	48.30	246.6
1973	88.30	90.80	107.00	90.20	92.50	114.30	99.30	91.40	79.40	68.70	197.7
1974	84.00	85.60	107.30	88.20	90.50	117.00	90.75	81.00	73.70	51.50	174.6
1975	86.20	89.00	103.00	93.80	85.40	112.40	97.60	101.70	91.10	48.60	193.1
1976	82.40	81.80	90.40	107.25	74.30	132.40	112.75	95.40	84.30	44.80	239.4
1977	64.80	70.00	84.80	91.30	70.20	121.20	89.90	76.00	67.50	42.70	202.8
1978	80.20	87.70	97.80	120.80	80.40	127.80	106.20	100.75	86.70	79.10	242.0
1979	83.00	95.60	116.00	125.25	87.60	137.80	110.40	109.60	92.40	90.70	241.8

<sup>1</sup>Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean, cottonseed, linseed, and peanut meals; bran, middlings, and millrun; gluten feed and meal; hominy feed, brewers' and distillers' dried grains; alfalfa meal; rice bran and feeding molasses.

Agricultural Marketing Service.

## 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 sirups. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

**Table 82.—Cotton: Area, yield, production, and value, United States, 1966–80**

Year	Area		Yield per harvested acre	Production	Season av- erage price per pound received by farmers <sup>1</sup>	Value of pro- duction
	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>
1966 .....	10,349.4	9,552.6	480	9,556.8	21.75	997,467
1967 .....	9,449.6	7,997.3	447	7,443.4	26.70	953,820
1968 .....	10,912.9	10,159.3	516	10,925.7	23.11	1,212,021
1969 .....	11,882.5	11,051.1	434	9,990.2	22.00	1,054,981
1970 .....	11,945.2	11,155.0	438	10,192.1	21.98	1,121,622
1971 .....	12,354.9	11,470.9	438	10,477.0	28.23	1,419,624
1972 .....	14,001.3	12,983.8	507	13,704.1	27.3	1,798,960
1973 .....	12,479.7	11,970.2	520	12,974.0	44.6	2,779,504
1974 .....	13,679.4	12,546.6	442	11,540.1	42.9	2,374,064
1975 .....	9,477.6	8,796.0	453	8,301.6	51.3	2,043,678
1976 .....	11,635.5	10,913.5	465	10,580.6	64.1	3,254,954
1977 .....	13,679.5	13,275.3	520	14,389.2	52.3	3,614,938
1978 .....	13,375.1	12,400.0	420	10,855.8	58.4	3,044,991
1979 .....	13,977.5	12,830.9	547	14,629.3	63.4	4,450,268
1980 <sup>3</sup> .....	14,533.8	13,214.8	404	11,122.1	<sup>4</sup> 76.4	<sup>4</sup> 4,078,309

<sup>1</sup> Net weight price. Includes allowance for unredeemed loans. Does not include Government program payments.

<sup>2</sup> 480-pound net weight bales.

<sup>3</sup> Preliminary.

<sup>4</sup> Average to Apr. 1, 1981, with no allowance for unredeemed loans.

Statistical Reporting Service. Production figures conform with The Bureau of the Census annual ginning enumerations.

Table 83.—Cotton: Area, yield, and production, by States, 1978–80

State	Area planted			Area harvested			Yield per harvested acre			Production <sup>1</sup>		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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:												
Ala . . . . .	325.0	310.0	325.0	315.0	305.0	321.0	443	510	411	291.0	324.0	275.0
Ariz . . . . .	540.0	580.0	590.0	538.0	575.0	589.0	953	1,069	1,103	1,068.0	1,280.0	1,354.0
Ark . . . . .	810.0	610.0	700.0	760.0	760.0	645.0	417	549	330	660.0	606.0	444.0
Calif . . . . .	1,480.0	1,650.0	1,510.0	1,455.0	1,635.0	1,500.0	640	1,000	995	1,940.0	3,408.0	3,109.0
Fla . . . . .	3.8	3.4	6.0	115.0	3.6	5.9	506	565	610	3.8	4.0	7.5
Ga . . . . .	120.0	155.0	170.0	0	0	160.0	463	486	258	111.0	152.0	86.0
Ky . . . . .	0	0	0	0	0	0	0	0	0	0	0	0
La . . . . .	515.0	470.0	570.0	510.0	465.0	560.0	450	712	394	478.0	690.0	460.0
Miss . . . . .	1,200.0	1,090.0	1,150.0	1,180.0	1,050.0	1,125.0	561	657	488	1,378.0	1,437.0	1,143.0
Mo . . . . .	210.0	157.0	245.0	182.0	137.0	241.0	496	550	353	188.0	157.0	177.0
Nev . . . . .	1.3	1.1	1.0	1.3	1.1	1.1	9	542	655	640	1.5	1.5
N. Mex. . . . .	137.0	154.0	151.0	109.0	126.0	120.0	443	396	428	101.0	104.0	107.0
N.C . . . . .	45.0	46.0	66.0	42.0	45.0	65.0	515	455	381	45.0	43.0	52.0
Okla . . . . .	605.0	600.0	715.0	585.0	580.0	565.0	292	432	174	355.0	522.0	205.0
S.C . . . . .	105.0	110.0	122.0	98.0	109.0	120.0	562	510	309	115.0	116.0	77.0
Tenn . . . . .	250.0	250.0	290.0	230.0	230.0	275.0	490	357	349	235.0	171.0	200.0
Tex . . . . .	6,950.0	7,700.0	7,850.0	6,200.0	6,800.0	6,850.0	294	389	233	3,792.0	5,515.0	3,320.0
Va . . . . .	.2	.3	.3	.1	.3	.3	480	320	320	.1	.2	.2
U.S . . . . .	13,297.6	13,886.8	14,461.3	12,324.0	12,741.8	13,143.1	419	547	402	10,762.4	14,530.7	11,017.9
American-Pima:												
Ariz . . . . .	34.3	43.5	42.3	34.2	43.3	42.1	754	743	824	53.7	67.0	72.3
Calif . . . . .	.1	.1	.1	.1	.1	.1	480	480	480	.1	.1	.1
N. Mex . . . . .	14.1	16.0	7.1	13.7	14.8	7.0	454	246	464	13.0	7.5	6.8
Tex . . . . .	29.0	31.1	23.0	28.0	30.9	22.5	456	373	533	26.6	24.0	25.0
U.S . . . . .	77.5	90.7	72.5	76.0	89.1	71.7	590	531	698	93.4	98.6	104.2
U.S., all . . . . .	13,375.1	13,977.5	14,533.8	12,400.0	12,830.9	13,214.8	420	547	404	10,855.8	14,629.3	11,122.1

<sup>1</sup> Production ginned and to be ginned.<sup>2</sup> Preliminary.<sup>3</sup> 480-pound, net weight bales.

Statistical Reporting Service.

Table 84.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States 1973–80

State	Crop of—							
	1973	1974	1975	1976	1977	1978	1979	1980
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Ala . . . . .	83	11	4	70	9	15	26	32
Ariz . . . . .	75	40	23	77	45	35	30	46
Ark . . . . .	90	30	17	86	18	38	27	62
Calif . . . . .	80	55	34	65	29	62	30	45
Ga . . . . .	64	4	1	33	1	( <sup>1</sup> )	8	14
La . . . . .	84	21	2	72	6	29	23	41
Miss . . . . .	87	37	17	70	30	48	50	80
Mo . . . . .	89	36	12	84	23	46	40	79
N. Mex . . . . .	69	13	( <sup>1</sup> )	68	17	13	10	7
N.C . . . . .	66	8	4	42	16	26	18	43
Okla . . . . .	35	( <sup>1</sup> )	( <sup>1</sup> )	23	18	26	23	4
S.C . . . . .	75	17	16	42	33	31	34	57
Tenn . . . . .	84	17	1	65	2	17	13	46
Tex . . . . .	69	7	1	26	18	9	15	22
U.S . . . . .	75	21	10	50	20	25	22	35

<sup>1</sup> Less than 0.5 percent.

Agricultural Marketing Service.

Table 85.—Cotton: Production, season average price per pound, and value, by States, 1978-80

State	Production <sup>1</sup>			Price for crop of—			Value of production		
	1978	1979	1980 <sup>2</sup>	1978 <sup>3</sup>	1979 <sup>3</sup>	1980 <sup>4</sup>	1978 <sup>3</sup>	1979 <sup>3</sup>	1980 <sup>2 4</sup>
Upland:	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Ala	291.0	324.0	275.0	60.3	65.3	79.9	84,227	101,555	105,468
Ariz	1,068.0	1,280.0	1,354.0	57.4	68.1	77.1	294,255	418,406	501,088
Ark	660.0	606.0	444.0	60.1	65.3	77.1	190,397	189,945	164,316
Calif	1,940.0	3,408.0	3,109.0	63.9	72.5	81.1	595,037	1,185,984	1,210,272
Fla	3.8	4.0	7.5	60.0	65.0	85.0	1,094	1,248	3,060
Ga	111.0	152.0	86.0	60.2	65.5	78.9	32,075	47,789	32,570
Ky	0	0	0						
La	478.0	690.0	460.0	60.0	64.0	77.9	137,664	211,968	172,003
Miss	1,378.0	1,437.0	1,143.0	60.0	63.5	76.6	396,864	437,998	420,258
Mo	188.0	157.0	177.0	60.6	62.4	72.7	54,685	47,025	61,766
Nev	1.5	1.5	1.2	60.0	68.0	80.0	432	490	461
N Mex	101.0	104.0	107.0	62.0	68.5	80.0	30,058	34,195	41,088
N.C.	45.0	43.0	52.0	65.4	64.7	79.5	14,126	13,354	19,843
Okla	355.0	522.0	205.0	53.9	59.7	77.4	91,846	149,584	76,162
S.C.	115.0	116.0	77.0	62.7	66.2	79.9	34,610	36,860	29,531
Tenn	235.0	171.0	200.0	61.2	62.9	78.4	69,034	51,628	75,264
Tex	3,792.0	5,515.0	3,320.0	53.7	55.7	69.7	977,426	1,474,490	1,110,739
Va	.1	.2	.2	62.0	66.0	79.5	30	63	76
U.S	10,762.4	14,530.7	11,017.9	58.1	63.1	76.1	3,003,860	4,402,582	4,023,965
American-Pima:									
Ariz	53.7	67.0	72.3	91.0	101.0	108.0	23,456	32,482	37,480
Calif	.1	.1	.1	91.0	101.0	108.0	44	48	52
N Mex	13.0	7.5	6.8	90.0	101.0	107.0	5,616	3,636	3,492
Tex	26.6	24.0	25.0	94.1	100.0	111.0	12,015	11,520	13,320
U.S	93.4	98.6	104.2	91.7	101.0	109.0	41,131	47,686	54,344
U.S., all	10,855.8	14,629.3	11,122.1	58.4	63.4	76.4	3,044,991	4,450,268	4,078,309

<sup>1</sup> Production ginned and to be ginned. <sup>2</sup> Preliminary. <sup>3</sup> Includes allowance for unredeemed loans. <sup>4</sup> Average to Apr. 1, 1981 with no allowance for unredeemed loans. <sup>5</sup> 480-pound net weight bales.

Statistical Reporting Service.

Table 86.—Cotton, American upland: Price-support operations, United States, 1966-80

Year beginning August	Support price <sup>1 2</sup>		Put under support <sup>4</sup>		Acquired by CCC under support <sup>5</sup>	Owned by CCC July 31
	Per pound	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Cents	Percent	1,000 bales <sup>6</sup>	Percent	1,000 bales <sup>6</sup>	1,000 bales <sup>6</sup>
1966	29.63	73	3,094	32.6	1,415	6,677
1967	31.00	74	1,483	20.1	32	552
1968	31.93		4,415	40.7	2,775	24
1969	34.44		3,670	37.2	1,066	1,890
1970	36.95		2,386	23.7	10	262
1971	35.00		1,210	11.9	(?)	1
1972	35.85	65	1,910	14.5	(?)	0
1973	41.52	65	1,736	13.9	(?)	0
1974	* 38.00		2,420	21.5	(?)	0
1975	* 38.00		691	8.5	(?)	0
1976	* 43.20		941	9.2	(?)	0
1977	* 47.80		4,518	31.6	2	(?)
1978	* 52.00		1,524	14.2	(?)	(?)
1979	* 57.70		1,720	11.8	(?)	1
1980	* 58.40		* 2,300	18.1	90	(?)

<sup>1</sup> Average of the crop from 1966 through 1970; Middling 1-inch, micronaire 3.5-4.9, net weight for 1971 and succeeding years. <sup>2</sup> Includes price-support payments as follows: To program participants on projected production from farm's domestic allotment, 9.42 cents in 1966, 11.53 cents in 1967, 12.24 cents in 1968, 14.73 cents in 1969, and 16.80 cents in 1970; and, on production from area planted within the farm base area allotment, 15 cents in 1971, 1972, and 1973. <sup>3</sup> Percentage of parity price as of the beginning of the marketing year. <sup>4</sup> Includes loans made. <sup>5</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year. <sup>6</sup> Running bales. <sup>7</sup> Less than 500 bales. <sup>8</sup> Established price or "target" price. If the average market price is below the target price, eligible producers will receive payment at a rate equal to the difference between the target price and the higher of the loan level or the average market price. No payments have been made since the 1973 crop. <sup>9</sup> Estimated.

Agricultural Stabilization and Conservation Service.

Table 87.—Cotton: Area, yield, and production in specified countries, 1978–80<sup>1</sup>

Continent and country	Area			Yield per acre			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</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 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>
North America:									
United States	12,399	12,832	12,988	420	547	411	10,856	14,629	11,124
El Salvador	247	198	124	637	720	639	328	297	165
Guatemala	311	311	262	1,164	1,050	1,145	754	680	625
Honduras	30	27	22	544	711	611	34	40	28
Mexico	865	939	902	860	767	814	1,550	1,500	1,530
Nicaragua	430	111	232	557	424	679	499	98	328
Total <sup>4</sup>	14,374	14,510	14,621	470	572	454	14,065	17,290	13,842
South America:									
Argentina	1,653	1,396	1,236	232	253	252	798	735	650
Brazil	4,856	4,880	4,917	263	261	254	2,664	2,650	2,600
Colombia	435	531	494	409	517	481	371	572	495
Ecuador	49	54	49	470	498	490	48	56	50
Paraguay	303	544	741	197	309	285	330	350	440
Peru	321	339	363	622	623	569	416	440	430
Venezuela	133	101	99	235	409	315	65	86	65
Total <sup>4</sup>	8,337	7,910	7,939	274	299	288	4,758	4,922	4,762
Europe:									
Greece	415	351	348	813	670	745	703	490	540
Italy	7	7	7	137	206	206	2	3	3
Spain	106	124	136	666	685	794	147	177	225
Bulgaria	37	37	37	519	519	519	40	40	40
Yugoslavia	10	7	7	240	343	343	5	5	5
Total <sup>4</sup>	670	620	630	678	592	658	947	765	863
Soviet Union	7,507	7,635	7,771	784	825	883	12,257	13,126	14,300
Africa:									
Angola	12	44	59	160	164	163	4	15	20
Cameroon	188	222	247	250	288	272	98	133	140
Central African Empire	297	346	346	105	97	83	65	70	60
Chad	680	667	667	176	173	173	250	240	240
Zaire	247	457	494	51	48	58	26	46	60
Kenya	297	321	346	81	75	76	50	50	55
Malawi	99	99	99	170	145	145	35	30	30
Morocco	27	20	32	320	528	375	18	22	25
Mozambique	346	272	272	118	124	106	85	70	60
Nigeria	704	593	680	116	108	127	170	133	180
Zimbabwe	247	309	371	538	407	369	277	262	285
South Africa	247	297	272	488	470	485	251	291	275
Sudan	902	988	927	319	291	311	600	600	600
Tanzania	840	890	914	149	129	121	260	240	230
Uganda	272	247	371	35	78	52	20	40	40
Egypt	1,233	1,240	1,297	784	859	877	2,013	2,220	2,370
Total <sup>4</sup>	8,139	8,584	8,965	299	299	299	5,075	5,349	5,593
Asia and Oceania:									
Afghanistan	198	148	124	606	568	387	250	175	100
Australia	121	173	215	968	1,035	860	244	373	385
Burma	462	482	568	82	83	127	79	83	150
China	11,984	11,120	11,861	399	438	490	9,950	10,140	12,100
India	20,062	19,961	19,768	150	147	148	6,260	6,100	6,100
Iran	692	544	445	430	406	324	620	460	300
Iraq	161	161	161	209	209	194	70	70	65
Israel	173	156	158	1,007	1,062	1,088	363	345	358
Korea, Rep. of	15	20	17	288	336	254	9	14	9
Pakistan	4,695	5,004	4,942	218	326	305	2,132	3,400	3,140
Yemen (Aden)	37	40	40	519	480	480	40	40	40
Syria	418	408	408	761	706	654	663	600	556
Thailand	200	326	363	362	328	350	151	223	265
Turkey	1,614	1,512	1,668	649	694	637	2,182	2,186	2,212
Total <sup>4</sup>	40,996	40,220	40,952	270	290	303	23,075	24,281	25,883
World total <sup>4</sup>	80,023	79,480	80,878	361	397	387	60,177	65,733	65,243
Foreign Free World <sup>4</sup>	47,935	47,705	48,071	270	279	276	26,999	27,728	27,609
Communist countries <sup>4</sup>	19,689	18,942	19,820	544	592	642	22,322	23,376	26,510

See footnotes on page 65.



Table 88.—Cotton: Supply and distribution, United States, 1966-80

Year beginning August	Supply					Distribution				
	Beginning of season		Ginnings in season <sup>1</sup>	Im-ports <sup>2</sup>	Total supply	Consumption		Ex-ports <sup>4</sup>	Carryover, end of season	
	Foreign	Total				Foreign	Total <sup>3</sup>		Foreign	Total
	<i>1,000 bales<sup>5</sup></i>	<i>1,000 bales<sup>5</sup></i>	<i>1,000 bales<sup>5</sup></i>	<i>1,000 bales<sup>5</sup></i>	<i>1,000 bales<sup>5</sup></i>	<i>1,000 bales<sup>5</sup></i>	<i>1,000 bales<sup>5</sup></i>	<i>1,000 bales<sup>5</sup></i>	<i>1,000 bales<sup>5</sup></i>	<i>1,000 bales<sup>5</sup></i>
1966	62	16,862	9,859	76	26,797	87	9,485	4,669	58	12,533
1967	58	12,533	7,215	145	19,893	95	8,982	4,206	46	6,448
1968	46	6,448	11,030	66	17,544	75	8,242	2,731	31	6,521
1969	31	6,521	9,903	49	16,473	41	7,991	2,768	27	5,760
1970	27	5,760	10,269	36	16,065	31	8,068	3,740	15	4,252
1971	15	4,252	10,187	72	14,511	37	8,039	3,229	24	3,234
1972	24	3,234	13,240	30	16,504	36	7,470	5,000	13	3,929
1973	13	3,929	12,773	48	16,750	33	7,172	5,746	11	3,743
1974	11	3,743	11,224	34	15,000	21	5,629	3,746	17	5,481
1975	17	5,481	8,174	92	13,746	23	6,986	3,178	48	3,594
1976	48	3,594	10,395	38	14,027	35	6,478	4,565	13	2,920
1977	13	2,920	14,076	5	17,002	12	6,236	5,219	6	5,326
1978	6	5,326	10,478	4	15,808	4	6,098	5,850	4	3,782
1979	4	3,782	14,389	5	18,177	3	6,261	8,779	2	3,027
1980 <sup>6</sup>	2	3,027	.....	.....	.....	.....	.....	.....	.....	.....

<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>Total imports minus re-exports. <sup>3</sup>Adjusted to marketing year. <sup>4</sup>Total exports minus re-exports. <sup>5</sup>Domestic in running bales, and foreign in equivalent bales of 500 pounds. <sup>6</sup>Preliminary.

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce.

Table 89.—Cotton: Mill consumption, by growths, United States, 1966-79

Year beginning August	Domestic			Foreign				All growths
	Upland <sup>1</sup>	American Pima	Total	Egyptian	Indian	Other	Total	
	<i>Bales<sup>2</sup></i>	<i>Bales<sup>2</sup></i>	<i>Bales<sup>2</sup></i>	<i>Bales<sup>2</sup></i>	<i>Bales<sup>2</sup></i>	<i>Bales<sup>2</sup></i>	<i>Bales<sup>2</sup></i>	<i>Bales<sup>2</sup></i>
1966	9,297,954	64,077	9,362,031	44,626	16,304	25,872	86,802	9,448,833
1967	8,923,073	52,571	8,975,644	55,692	19,281	20,509	95,482	9,071,126
1968	8,066,550	73,392	8,139,942	38,699	22,218	13,748	74,665	8,214,607
1969	7,837,622	86,154	7,923,776	13,988	15,765	11,113	40,866	7,964,642
1970	7,958,398	78,765	8,037,163	15,401	11,608	3,596	30,605	8,067,768
1971	7,904,112	68,708	7,972,820	18,416	12,430	6,049	36,895	8,009,715
1972	7,453,068	78,831	7,531,899	11,611	18,026	6,699	36,336	7,568,235
1973	7,047,207	69,894	7,117,101	12,905	16,534	3,947	32,786	7,149,887
1974	5,534,413	48,519	5,582,932	8,857	7,808	4,192	20,857	5,603,789
1975	6,867,407	74,137	6,941,544	12,317	9,966	702	22,985	6,964,529
1976	6,394,441	48,395	6,442,836	18,194	6,593	10,101	34,888	6,477,724
1977	6,151,101	54,004	6,205,105	8,192	110	3,396	11,698	6,216,803
1978	6,114,150	62,146	6,176,296	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	4,143	6,180,439
1979	6,144,814	61,843	6,206,657	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,717	6,209,374

<sup>1</sup>Includes sea island cotton. <sup>2</sup>Domestic in running bales, counting round as half bales and foreign equivalent bales of 500 pounds. <sup>3</sup>Not reported separately.

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 87

<sup>1</sup>Harvest season beginning Aug. 1.

<sup>2</sup>Preliminary.

<sup>3</sup>480-pound net weight.

<sup>4</sup>Includes estimates for minor-producing countries not shown above and allowance for countries where data are not yet available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 90.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by grade, United States, 1966-80

Year beginning August	White <sup>1</sup>				Light Spotted			All spotted	Other colored <sup>2</sup>	All grades <sup>3</sup>
	Strict Middling and higher	Middling	Strict Low Middling	Low Middling and lower	Strict Middling and higher	Middling	Strict Low Middling and lower			
	<i>1,000 bales<sup>4</sup></i>	<i>1,000 bales<sup>4</sup></i>	<i>1,000 bales<sup>4</sup></i>	<i>1,000 bales<sup>4</sup></i>	<i>1,000 bales<sup>4</sup></i>	<i>1,000 bales<sup>4</sup></i>	<i>1,000 bales<sup>4</sup></i>	<i>1,000 bales<sup>4</sup></i>	<i>1,000 bales<sup>4</sup></i>	<i>1,000 bales<sup>4</sup></i>
Carryover:										
1966	445	1,963	2,418	1,214	766	3,772	3,828	1,857	302	16,565
1967	244	1,412	1,934	595	464	2,685	2,637	1,999	300	12,270
1968	128	876	1,290	486	146	1,107	990	1,002	221	6,246
1969	122	1,237	2,192	843	36	652	767	374	124	6,347
1970	105	1,127	1,977	738	66	576	815	144	87	5,635
1971	87	867	1,461	500	76	592	434	129	37	4,183
1972	55	525	981	545	18	121	464	351	90	3,150
1973	33	297	1,131	921	6	115	611	468	281	3,863
1974	31	529	1,287	656	15	500	490	134	45	3,687
1975	28	527	2,166	1,090	13	312	997	208	73	5,414
1976	25	525	1,176	761	4	176	551	227	68	3,513
1977	27	336	999	563	3	162	416	281	80	2,867
1978	74	716	1,806	955	20	584	856	174	73	5,258
1979	21	259	1,416	691	7	288	835	151	62	3,730
1980	109	463	950	534	3	280	409	194	48	2,990
Ginnings:										
1966	126	1,569	2,797	920	33	1,060	1,911	826	249	9,491
1967	91	1,378	2,580	680	33	973	1,080	389	166	7,370
1968	117	1,763	4,315	1,500	25	1,012	1,626	329	151	10,838
1969	54	1,416	3,905	1,422	6	498	1,908	371	280	9,863
1970	47	1,448	3,510	1,881	5	912	1,833	314	105	10,055
1971	34	1,291	3,499	1,738	5	418	2,422	550	176	10,133
1972	25	1,078	4,469	3,384	3	481	2,621	699	416	13,176
1973	60	2,252	5,048	2,112	5	958	1,797	213	88	12,533
1974	23	1,370	4,632	2,517	3	290	2,045	255	105	11,240
1975	40	1,470	2,845	1,279	4	435	1,568	374	83	8,098
1976	25	1,402	4,168	1,301	6	587	1,664	917	214	10,284
1977	137	2,943	4,970	1,812	22	1,390	2,235	311	89	13,909
1978	31	1,265	4,096	1,711	4	527	2,357	227	97	10,315
1979	224	3,152	4,487	1,598	13	1,579	2,393	555	92	14,093
1980 <sup>5</sup>	86	2,572	2,940	1,253	2	379	2,531	610	150	10,523
Supply: <sup>6</sup>										
1966	571	3,532	5,216	2,134	799	4,832	5,738	2,683	551	26,056
1967	395	2,790	4,515	1,276	496	3,658	3,717	2,387	467	19,641
1968	246	2,639	5,606	1,986	170	2,119	2,616	1,331	372	17,085
1969	176	2,654	6,098	2,265	41	1,150	2,674	745	404	16,207
1970	152	2,574	5,489	2,619	71	1,488	2,648	458	192	15,691
1971	121	2,158	4,961	2,238	81	1,010	2,857	679	212	14,317
1972	80	1,602	5,452	3,929	21	601	3,085	1,050	505	16,325
1973	93	2,550	6,176	3,034	11	1,073	2,408	681	370	16,396
1974	54	1,899	5,919	3,173	18	790	2,535	389	150	14,927
1975	68	1,997	5,010	2,369	17	747	2,565	582	156	13,511
1976	50	1,927	5,344	2,062	10	763	2,215	1,144	282	13,797
1977	164	3,279	5,969	2,375	25	1,552	2,651	592	169	16,776
1978	105	1,981	5,902	2,666	24	1,111	3,213	401	170	15,573
1979	245	3,411	5,903	2,289	20	1,867	3,228	706	154	17,823
1980 <sup>5</sup>	195	3,035	3,890	1,787	5	659	2,940	804	198	13,513
Disappearance: <sup>7</sup>										
1966	327	2,120	3,282	1,538	336	2,147	3,101	684	251	13,786
1967	207	1,915	3,222	790	351	2,550	2,727	1,386	246	13,394
1968	124	1,402	3,413	1,143	135	1,467	1,849	957	248	10,738
1969 <sup>8</sup>	71	1,527	4,121	1,527	-24	574	1,859	600	317	10,572
1970 <sup>8</sup>	65	1,707	4,027	2,119	-5	896	2,214	329	155	11,507
1971	66	1,634	3,978	1,693	63	890	2,392	328	123	11,167
1972	47	1,305	4,322	3,007	15	486	2,474	582	224	12,462
1973 <sup>8</sup>	62	2,021	4,889	2,378	-4	573	1,918	547	325	12,709
1974	26	1,372	3,753	2,083	5	478	1,538	181	77	9,513
1975	42	1,471	3,834	1,608	14	572	2,014	355	88	9,998
1976	23	1,591	4,345	1,499	7	601	1,799	863	202	10,930
1977	90	2,563	4,163	1,420	5	968	1,795	418	96	11,518
1978	84	1,722	4,486	1,975	17	823	2,378	250	108	11,843
1979	136	2,948	4,953	1,755	17	1,587	2,819	512	106	14,833

<sup>1</sup>"Plus" grades of White included with straight grades. <sup>2</sup>Includes all grades of Tinged, Stained, Light Gray, Gray, and Below Grade. <sup>3</sup>U.S. Department of Commerce. <sup>4</sup>Running bales. <sup>5</sup>Preliminary. <sup>6</sup>Carryover at the beginning of the season, plus ginnings. <sup>7</sup>Supply minus carryover at the end of the season. <sup>8</sup>Negative disappearance reflected in total.

Table 91.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by staple lengths, United States, 1966-80

Year beginning August	<sup>13</sup> / <sub>16</sub> inch and shorter	<sup>7</sup> / <sub>8</sub> and <sup>29</sup> / <sub>32</sub> inch	<sup>15</sup> / <sub>16</sub> and <sup>31</sup> / <sub>32</sub> inch	1 and <sup>1</sup> / <sub>32</sub> inches	1 <sup>1</sup> / <sub>16</sub> and <sup>1</sup> / <sub>32</sub> inches	1 <sup>1</sup> / <sub>8</sub> and <sup>1</sup> / <sub>5</sub> / <sub>32</sub> inches	1 <sup>3</sup> / <sub>16</sub> and <sup>1</sup> / <sub>7</sub> / <sub>32</sub> inches	1 <sup>1</sup> / <sub>4</sub> inches and longer	All staple lengths <sup>1</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>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>
Carryover:									
1966	25	2,074	3,834	5,790	4,483	343	12	4	16,565
1967	8	1,179	3,733	4,243	2,744	323	35	5	12,270
1968	9	490	1,691	1,641	2,002	372	32	9	6,246
1969	0	73	748	1,281	3,317	898	26	4	6,347
1970	2	58	269	1,001	3,742	530	29	4	5,635
1971	0	44	244	496	2,966	410	18	5	4,183
1972	1	189	509	422	1,703	307	12	7	3,150
1973	1	116	716	811	1,966	237	15	1	3,863
1974	0	113	821	832	1,634	275	9	3	3,687
1975	0	70	572	789	3,335	639	6	3	5,414
1976	1	87	415	570	2,068	357	12	3	3,513
1977	0	20	285	639	1,650	257	9	7	2,867
1978	( <sup>3</sup> )	33	646	1,458	2,752	357	8	4	5,258
1979	( <sup>3</sup> )	20	321	1,240	1,900	235	9	5	3,730
1980	1	39	312	788	1,520	325	4	1	2,990
Ginnings:									
1966	8	735	1,814	1,642	4,888	346	38	20	9,491
1967	2	382	1,321	1,109	3,807	672	51	26	7,370
1968	1	126	1,509	1,707	5,676	1,771	38	10	10,838
1969	7	549	1,128	1,590	5,894	678	13	1	9,860
1970	2	386	1,634	1,541	5,773	707	7	5	10,055
1971	7	398	1,440	843	5,855	1,568	21	1	10,133
1972	0	168	1,990	2,464	7,556	993	5	0	13,176
1973	2	273	2,743	1,945	6,811	758	1	0	12,533
1974	1	82	1,108	1,126	7,510	1,403	8	2	11,240
1975	4	356	1,314	905	4,496	1,021	1	1	8,098
1976	1	86	1,551	1,950	5,477	1,214	3	2	10,284
1977	0	69	2,301	3,058	6,960	1,515	3	3	13,909
1978	1	98	1,309	2,369	5,522	1,012	2	2	10,315
1979	4	150	2,102	2,975	5,806	3,047	8	1	14,093
1980 <sup>4</sup>	5	181	1,152	1,864	5,020	2,267	34	( <sup>3</sup> )	10,523
Supply: <sup>5</sup>									
1966	33	2,808	5,647	7,433	9,372	689	51	23	26,056
1967	10	1,561	5,055	5,353	6,550	995	86	31	19,641
1968	9	615	3,200	3,348	7,680	2,143	70	20	17,085
1969	7	622	1,876	2,871	9,211	1,576	39	5	16,207
1970	3	444	1,903	2,542	9,515	1,238	37	9	15,691
1971	8	442	1,684	1,339	8,822	1,978	38	6	14,317
1972	1	357	2,499	2,887	9,257	1,300	17	7	16,325
1973	4	389	3,459	2,756	8,776	995	16	1	16,396
1974	1	195	1,929	1,958	9,144	1,678	17	5	14,927
1975	4	427	1,887	1,694	7,828	1,660	7	4	13,511
1976	2	173	1,966	2,520	7,545	1,571	15	5	13,797
1977	0	89	2,586	3,697	8,610	1,772	12	10	16,776
1978	1	131	1,955	3,827	8,274	1,369	10	6	15,573
1979	4	170	2,423	4,215	7,706	3,282	17	6	17,823
1980 <sup>4</sup>	6	220	1,464	2,652	6,540	2,592	38	1	13,513
Disappearance: <sup>6</sup>									
1966	24	1,629	1,914	3,189	6,629	367	16	18	13,786
1967	1	1,071	3,364	3,712	4,547	623	54	22	13,394
1968	9	542	2,452	2,067	4,363	1,245	44	16	10,738
1969	6	564	1,607	1,870	5,468	1,046	10	1	10,572
1970	3	400	1,659	2,047	6,547	828	19	4	11,507
1971	7	253	1,175	916	7,118	1,672	26	0	11,167
1972	0	241	1,783	2,075	7,291	1,063	3	6	12,462
1973 <sup>7</sup>	4	276	2,638	1,924	7,142	720	7	-2	12,709
1974	1	125	1,357	1,169	5,809	1,039	1	2	9,513
1975 <sup>7</sup>	3	340	1,472	1,124	5,758	1,304	-4	1	9,998
1976 <sup>7</sup>	2	153	1,681	1,881	5,895	1,314	6	-2	10,930
1977	0	56	1,940	2,239	5,858	1,415	4	6	11,518
1978	1	111	1,634	2,587	6,374	1,134	1	1	11,843
1979	3	131	2,111	3,427	6,186	2,957	13	5	14,833

<sup>1</sup> U.S. Department of Commerce.<sup>2</sup> Running bales.<sup>3</sup> Less than 500 bales.<sup>4</sup> Preliminary.<sup>5</sup> Carryover at the beginning of the season, plus ginnings.<sup>6</sup> Supply minus carryover at the end of the season.<sup>7</sup> Negative disappearance reflected in total.

Agricultural Marketing Service.

Table 92.—Cotton, American Pima: Carryover and ginnings, by grade and staple length, United States, 1966–80

Year beginning August	Grade					Staple length (inches)					All grades and all lengths (1)
	1 and 2	3 and 4	5 and 6	7 and 8	9 and 10	1 5/16 and shorter	1 3/8	1 7/16	1 1/2	1 9/16 and longer	
Carryover:	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>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>
1966	10.6	132.2	81.4	9.5	1.8	20.9	162.4	45.6	6.6	(3)	235.5
1967	36.4	136.3	27.8	4.3	.3	8.0	151.8	13.3	31.8	0.2	205.1
1968	27.0	101.1	21.7	4.4	1.4	3.3	77.4	45.8	28.8	.3	155.6
1969	17.6	102.6	18.8	2.8	.7	5.8	109.1	19.1	8.5	(3)	142.5
1970	9.1	55.0	27.5	5.2	.9	4.5	80.2	8.8	4.1	.1	97.7
1971	6.1	32.0	12.3	3.0	.2	1.4	43.3	8.0	.8	.1	53.6
1972	2.2	42.9	12.0	2.9	.5	3.3	46.3	10.6	.3	...	60.5
1973	4.6	25.3	18.2	4.0	.4	3.0	40.9	7.8	.1	.7	52.5
1974	3.6	31.8	5.3	3.1	1.1	3.1	38.0	3.7	.1	...	44.9
1975	1.3	35.2	9.9	3.0	.8	3.6	41.7	4.8	.1	...	50.2
1976	1.6	19.5	8.8	2.1	.3	.6	26.1	5.0	...	.6	32.3
1977	3.4	31.5	4.0	1.0	.4	.4	27.1	12.4	.4	...	40.3
1978	3.4	41.2	14.3	3.0	.6	1.4	31.8	29.0	.3	...	62.5
1979	2.1	23.2	18.3	1.7	2.0	1.7	17.2	28.4	...	(3)	47.3
1980	2.1	31.7	.8	.4	.6	.9	29.0	5.7	...	...	35.6
Ginnings:											
1966	11.9	46.9	9.7	2.1	.6	7.0	61.3	2.9	...	...	71.2
1967	8.2	46.7	8.9	2.7	1.8	5.5	50.0	12.8	...	...	68.3
1968	5.4	57.7	10.4	2.6	2.1	4.9	56.4	16.9	...	...	78.2
1969	4.4	45.6	21.5	3.8	1.5	4.3	60.6	11.9	...	...	76.8
1970	2.6	43.0	8.4	2.4	.7	4.0	40.0	13.1	...	...	57.1
1971	.9	71.5	16.1	4.1	3.3	8.1	69.8	18.0	...	...	95.9
1972	.2	41.5	44.4	5.5	2.3	6.0	84.5	3.4	...	...	93.9
1973	2.2	63.0	6.0	5.4	1.5	7.2	67.5	3.4	...	...	78.1
1974	(3)	57.7	27.2	3.3	.5	3.5	74.5	10.7	...	...	88.7
1975	1.8	43.5	5.8	2.1	.5	2.9	44.5	6.3	...	...	53.7
1976	1.2	51.4	9.0	1.1	.3	1.3	38.1	23.6	...	...	63.0
1977	.1	86.0	19.8	2.4	.5	1.9	51.0	55.9	(3)	...	108.8
1978	.2	47.3	35.8	5.1	1.6	1.5	19.5	69.0	...	...	90.0
1979	2.7	87.0	5.2	.9	.5	1.2	15.6	79.5	(3)	...	96.3
1980 <sup>4</sup>	3.4	87.1	9.3	1.6	.6	.6	4.2	95.6	1.6	...	102.0

<sup>1</sup>U.S. Department of Commerce. Totals include small quantities of sealand and sea island cotton.

<sup>2</sup>Running bales.

<sup>3</sup>Less than 50 bales.

<sup>4</sup>Preliminary.

Agricultural Marketing Service.

**Table 93.—Cotton, upland: Average staple length of upland cotton ginned, by States, 1975–80**

State	Average staple length (32ds of an inch) <sup>1</sup>					
	1975	1976	1977	1978	1979	1980 <sup>2</sup>
Ala	33.7	33.8	33.6	34.1	34.8	34.3
Ariz	34.7	34.7	34.5	34.5	34.8	34.7
Ark	34.7	34.2	34.8	34.6	35.4	34.6
Calif	35.4	35.3	35.3	35.3	35.3	35.6
Fla	34.0					
Ga	34.0	34.6	34.0	34.5	34.4	33.7
La	34.7	34.1	34.7	34.3	35.2	34.2
Miss	34.7	34.1	34.8	34.4	35.4	34.8
Mo	34.6	34.3	34.4	34.7	35.6	35.2
N. Mex	35.2	35.3	35.5	35.8	34.9	36.3
N.C	34.6	35.3	34.9	35.3	35.0	34.1
Okla	31.9	31.2	32.5	32.2	32.6	32.5
S.C	34.6	35.1	35.3	35.3	35.5	34.1
Tenn	34.1	33.6	33.6	33.7	34.8	33.9
Tex	31.0	31.8	31.9	32.0	32.0	31.9
All other	35.0	34.5	34.6	34.8	35.1	34.7
U.S	33.6	33.7	33.6	33.7	33.9	34.0

<sup>1</sup> Average calculated on numerical equivalents of the staple-length designations. For example,  $\frac{7}{8}$ -inch = 28,  $\frac{29}{32}$ -inch = 29, etc. <sup>2</sup> Preliminary.

Agricultural Marketing Service.

**Table 94.—Cotton: International trade, 1974–79<sup>1</sup>**

Country	1974	1975	1976	1977	1978	1979 <sup>2</sup>
Principal exporting countries:	<i>1,000 bales<sup>3</sup></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>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>
Mexico	891	536	542	597	910	913
Nicaragua	606	520	529	528	500	100
United States	3,926	3,311	4,784	5,484	6,180	9,229
Brazil	269	356	54	192	141	0
Peru	158	154	150	87	95	132
Greece	109	168	76	98	127	78
Soviet Union	3,560	3,890	4,300	4,160	3,756	3,700
Iran	502	642	327	336	317	125
Pakistan	1,060	418	65	471	246	1,177
Syria	385	467	675	510	551	457
Turkey	583	2,163	580	1,218	962	617
Egypt	878	775	606	686	690	876
Sudan	568	1,097	607	689	814	675
Tanzania	240	181	265	135	210	180
Uganda	116	103	62	45	34	36
Zaire	7	0	0	0	0	0
Total	13,858	14,781	13,622	15,236	15,533	18,295
Principal importing countries:						
Canada	225	254	215	239	255	289
Austria	89	102	101	105	99	115
Belgium	207	171	147	142	156	181
France	995	1,111	956	979	801	922
Germany, Fed. Rep. of	1,060	1,040	887	967	815	888
Italy	774	886	875	860	1,020	1,118
Netherlands	168	155	140	120	120	106
Poland	723	695	718	730	735	741
Portugal	400	489	459	545	471	592
Spain	331	424	396	232	328	324
Sweden	48	32	22	27	24	22
Switzerland	170	215	200	247	222	240
United Kingdom	477	582	461	504	430	404
Hong Kong	787	1,321	994	1,000	828	1,198
India	60	162	387	461	20	0
Japan	3,228	3,220	3,037	3,150	3,382	3,336
Total	9,742	10,859	9,995	10,308	9,706	10,476

<sup>1</sup> Crop year beginning Aug. 1. <sup>2</sup> Preliminary. <sup>3</sup> 480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 95.—Cotton: United States exports, by country of destination, 1977-79

Country of destination	Year beginning August			Country of destination	Year beginning August		
	1977	1978	1979		1977	1978	1979
	<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>		<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>
Austria . . . . .	4	( <sup>2</sup> )	1	Australia . . . . .	4	( <sup>2</sup> )	1
Belgium and Luxembourg . . . . .	9	15	26	Canada . . . . .	222	222	272
Denmark . . . . .	1	1	1	Chile . . . . .	2	0	( <sup>2</sup> )
Finland . . . . .	9	8	14	Colombia . . . . .	( <sup>2</sup> )	27	23
France . . . . .	84	63	92	Cuba . . . . .	0	0	0
Germany, Fed. Rep. of . . . . .	68	96	204	Ethiopia . . . . .	0	0	0
Italy . . . . .	81	146	185	Hong Kong . . . . .	503	427	636
Netherlands . . . . .	21	18	11	India . . . . .	( <sup>2</sup> )	( <sup>2</sup> )	0
Norway . . . . .	2	4	7	Indonesia . . . . .	234	236	297
Poland . . . . .	36	74	27	Israel . . . . .	2	( <sup>2</sup> )	16
Portugal . . . . .	71	27	66	Japan . . . . .	1,077	1,342	1,588
Spain . . . . .	67	65	131	Korea, Rep. of . . . . .	1,231	1,278	1,484
Sweden . . . . .	22	23	21	Pakistan . . . . .	( <sup>2</sup> )	1	1,065
Switzerland . . . . .	110	91	117	Philippines . . . . .	104	124	145
United Kingdom . . . . .	62	72	72	South Africa . . . . .	1	0	0
Yugoslavia . . . . .	0	0	6	Taiwan . . . . .	512	454	728
Other Europe . . . . .	75	82	302	Thailand . . . . .	170	243	260
				Uruguay . . . . .	0	0	( <sup>2</sup> )
Total Europe . . . . .	722	785	1,283	Other countries . . . . .	700	1,041	1,431
				Total . . . . .	5,484	6,180	9,229

<sup>1</sup> 480 pounds net.<sup>2</sup> Less than 500 bales.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 96.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1977-79

Country of origin	Year beginning August			Country of origin	Year beginning August		
	1977	1978	1979		1977	1978	1979
	<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>	<i>Bales<sup>1</sup></i>
Cotton, raw:				Cotton linters:			
Egypt . . . . .	2,160	526	539	El Salvador . . . . .	0	0	0
India . . . . .	0	1,279	0	Guatemala . . . . .	2,076	4,045	0
Mexico . . . . .	417	242	4,094	Mexico . . . . .	38,852	39,875	38,772
Pakistan . . . . .	190	441	81	Nicaragua . . . . .	2,090	68	0
Peru . . . . .	1,666	0	625	Soviet Union . . . . .	0	0	0
Other countries . . . . .	996	1,799	2	Other countries . . . . .	13,940	26,558	47,831
Total . . . . .	5,429	4,287	5,341	Total . . . . .	56,958	70,546	86,603

<sup>1</sup> 480 pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 98

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 99

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

**Table 97.—Cotton, American upland: Percentage distribution of micronaire readings, by specified groups, United States, 1966–80**

Year beginning August	Micronaire groups						
	2.6 and below	2.7 to 2.9	3.0 to 3.2	3.3 to 3.4	3.5 to 4.9	5.0 to 5.2	5.3 and above
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1966	2.2	4.5	6.6	4.2	66.7	10.9	4.9
1967	2.4	6.1	9.8	6.5	69.6	4.6	1.0
1968	1.1	3.3	6.2	4.4	76.5	7.0	1.5
1969	.8	1.5	3.0	2.5	76.9	11.5	3.8
1970	.3	1.1	2.9	2.8	83.7	7.5	1.7
1971	2.4	5.6	6.5	3.7	76.6	4.1	1.1
1972	1.5	3.8	6.3	3.9	77.9	5.6	1.0
1973	.4	1.1	2.5	2.4	83.5	8.4	1.7
1974	2.6	3.7	5.4	4.0	76.5	6.1	1.7
1975	3.3	7.9	9.5	5.3	68.7	4.3	1.0
1976	1.3	2.8	5.0	4.5	77.2	7.0	2.2
1977	.1	.6	1.9	2.2	80.2	11.4	3.6
1978	.2	1.4	4.6	4.7	76.7	9.5	2.9
1979	1.8	9.1	11.3	5.6	66.6	4.5	1.1
1980 <sup>1</sup>	.4	1.7	4.1	3.8	80.0	8.3	1.7

<sup>1</sup> Preliminary.

Agricultural Marketing Service.

**Table 98.—Cotton, American upland: Spot prices in cents per pound for specified grades of 1<sup>1</sup>/<sub>16</sub>-inch staple, 1966–79<sup>1</sup>**

Year beginning August	White				Light Spotted			Spotted	
	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary	Middling	Strict Low Middling	Low Middling	Middling	Strict Low Middling
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1966	24.73	22.82	20.31	17.64	22.35	20.31	17.93	19.12	17.59
1967	30.60	28.75	25.65	21.51	28.33	25.52	21.77	22.83	20.75
1968	26.93	24.52	21.65	18.12	24.34	21.80	18.56	20.15	18.10
1969	25.10	23.12	20.67	18.03	23.03	20.94	18.62	19.67	18.35
1970	25.66	24.32	22.69	21.06	24.38	22.93	21.44	22.14	21.33
1971 <sup>2</sup>	33.91	32.96	31.65	29.54	32.88	31.50	29.69	30.37	29.28
1972	37.86	35.59	32.51	27.68	35.45	32.28	28.08	29.77	27.01
1973	69.37	67.10	63.24	54.61	66.74	62.47	55.28	56.29	52.37
1974	43.85	41.69	38.48	32.32	41.59	38.51	33.13	34.65	31.48
1975	59.37	57.99	55.47	49.90	58.04	55.58	50.98	52.50	49.71
1976	72.28	70.88	68.23	63.11	70.94	68.41	63.98	65.04	62.12
1977	54.19	52.74	49.73	45.89	52.76	49.89	46.40	47.57	45.03
1978	63.23	61.58	57.98	53.39	61.57	58.15	53.91	55.19	52.63
1979	72.69	71.48	68.44	61.90	71.42	68.44	62.54	64.14	60.90

See footnotes on page 70.

**Table 99.—Cotton, American upland: Spot prices in cents per pound for specified staple lengths of Strict Low Middling, 1966–79<sup>1</sup>**

Year beginning August	7/8 inch	29/32 inch	15/16 inch	31/32 inch	1 inch	1 1/32 inches	1 1/16 inches	1 3/32 inches
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1966	17.89	18.32	18.75	19.24	20.25	21.46	22.82	23.32
1967	17.91	18.38	19.10	20.48	22.97	26.57	28.75	29.48
1968	17.47	18.00	18.78	19.66	20.73	22.81	24.52	25.03
1969	18.13	18.60	20.29	19.86	20.45	21.65	23.12	23.47
1970	20.75	21.21	21.75	22.14	22.44	23.34	24.32	24.61
1971 <sup>2</sup>	29.21	29.61	29.98	30.29	30.79	31.97	32.96	33.16
1972	28.08	28.48	29.03	29.84	31.26	33.68	35.59	35.77
1973	48.50	49.69	51.27	53.96	57.17	64.59	67.10	67.31
1974	33.22	34.17	35.52	36.91	38.05	40.02	41.69	41.89
1975	50.14	50.87	52.09	53.14	54.29	56.44	57.99	58.18
1976	62.54	63.36	64.55	65.34	66.67	69.34	70.88	71.08
1977	46.20	46.85	47.90	48.41	49.37	51.27	52.74	52.95
1978	53.56	54.14	55.08	55.87	56.88	59.92	61.58	61.89
1979	60.89	61.40	62.40	63.94	65.28	69.53	71.48	71.87

See footnotes on page 70.

**Table 100.—Cotton, American upland: High, low, and season average spot price per pound for the base quality, 1966-79<sup>1</sup>**

Season beginning August	Middling 1-inch			Season beginning August	Middling 1-inch <sup>2</sup>		
	Average	High	Low		Average	High	Low
1966	<i>Cents</i> 22.08	<i>Cents</i> 22.65	<i>Cents</i> 21.82	1973	<i>Cents</i> 67.10	<i>Cents</i> 84.48	<i>Cents</i> 51.69
1967	24.83	27.13	22.64	1974	41.69	53.42	34.93
1968	22.90	25.11	21.87	1975	57.99	86.84	46.74
1969	22.15	23.01	21.39	1976	70.88	79.36	55.21
1970	23.55	25.45	22.54	1977	52.74	59.28	47.02
1971 <sup>3</sup>	31.52	35.78	26.56	1978	61.58	67.57	56.46
1972	33.14	49.92	24.74	1979	71.48	84.82	60.62

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Base quality changed to "Strict Low Middling 1<sup>1</sup>/<sub>16</sub> inches" in 1973.<sup>3</sup> Net weight basis beginning 1971; prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

**Table 101.—Cotton, American upland: Spot price per pound for the base quality in designated markets, 1974-79<sup>1</sup>**

Market	Strict Low Middling 1 <sup>1</sup> / <sub>16</sub> inches					
	1974	1975	1976	1977	1978	1979
Greenville	<i>Cents</i> 42.80	<i>Cents</i> 59.19	<i>Cents</i> 71.85	<i>Cents</i> 53.33	<i>Cents</i> 62.09	<i>Cents</i> 73.24
Augusta	43.63	60.22	72.70	53.81	62.50	73.92
Montgomery	42.45	58.93	71.54	53.24	61.92	72.57
Memphis	41.86	58.48	71.28	52.75	61.68	72.55
Greenwood	42.20	58.54	71.21	52.75	61.84	72.73
Dallas	40.31	55.84	69.43	50.53	58.33	66.91
Houston	41.70	57.65	70.94	51.58	59.45	.....
Lubbock	38.90	55.06	67.79	50.04	58.27	66.43
Phoenix	40.52	57.20	70.12	52.71	61.98	71.98
Fresno	42.53	58.72	71.93	56.67	67.66	73.76
Average	41.69	57.99	70.88	52.74	61.58	71.48

<sup>1</sup> Year beginning August. Average of monthly averages.

Agricultural Marketing Service.



**Table 102.—Cotton: Average cost per 480-pound net weight bale to farmers for ginning cotton (including bagging and ties), by States, 1974-79<sup>1</sup>**

Kind of cotton and State	1974	1975	1976	1977	1978	1979
Upland:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala . . . . .	23.80	23.47	25.94	27.03	31.21	31.81
Ariz . . . . .	26.55	29.35	30.42	33.26	33.93	33.91
Ark . . . . .	31.23	30.39	31.96	30.70	35.53	36.40
Cal . . . . .	28.64	29.00	32.19	35.13	37.28	39.57
Ga . . . . .	23.81	24.40	27.66	27.74	30.36	32.69
La . . . . .	28.53	29.08	28.98	30.35	30.21	30.57
Miss . . . . .	28.10	27.81	29.48	29.79	31.07	31.45
Mo . . . . .	33.31	32.32	37.73	37.53	40.55	40.87
N. Mex . . . . .	32.15	35.06	36.49	39.50	40.30	47.34
N.C . . . . .	28.10	30.02	31.94	32.74	32.83	36.82
Okla . . . . .	28.77	32.50	27.81	32.78	32.23	37.88
S.C . . . . .	30.18	30.64	29.79	31.85	33.60	33.06
Tenn . . . . .	29.50	28.86	31.20	27.40	32.16	35.41
Tex . . . . .	33.20	39.92	37.29	38.37	39.82	44.65
All upland cotton . . . . .	29.38	32.13	32.87	34.73	36.16	39.31
American Pima . . . . .	37.20	41.16	38.18	42.23	39.04	44.33

<sup>1</sup> Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners.

Agricultural Marketing Service and Economic Research Service.

**Table 103.—Cotton linters: Supply, distribution, season average price, United States, 1966-80**

Year beginning August	Supply				Distribution		Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Con- sumption	Exports	Felting linters		Chemical grade
							High grade	Medium grade	
	<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>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1966 . . . . .	641	1,129	200	1,969	1,157	179	9.39	7.89	5.69
1967 . . . . .	637	883	129	1,650	1,090	176	9.28	7.26	4.38
1968 . . . . .	365	1,307	131	1,802	1,125	171	8.34	5.88	3.47
1969 . . . . .	432	1,176	142	1,750	1,128	184	6.68	4.55	2.78
1970 . . . . .	342	1,147	67	1,556	920	171	7.32	5.01	2.75
1971 . . . . .	413	1,145	49	1,607	1,017	152	8.11	6.01	2.33
1972 . . . . .	363	1,341	30	1,734	1,111	259	7.17	4.49	2.92
1973 . . . . .	290	1,332	32	1,654	964	374	11.39	9.04	9.58
1974 . . . . .	295	1,270	23	1,588	888	217	9.34	6.27	8.83
1975 . . . . .	487	847	25	1,360	838	182	9.30	6.56	4.25
1976 . . . . .	445	983	70	1,498	999	210	10.26	7.36	3.75-7.25
1977 . . . . .	279	1,174	50	1,504	970	239	9.85	7.12	5.25-6.87
1978 . . . . .	282	1,077	60	1,419	980	263	11.92	9.70	7.00-8.60
1979 . . . . .	229	1,129	80	1,438	897	276	15.34	12.63	11.56-13.36
1980 <sup>3</sup> . . . . .	316	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Uncompressed in carload lots, f.o.b. mill points.

<sup>2</sup> Bales are running bales except imports, which are 500-pound bales; includes production at oil mills, gins, and other delinting plants. Beginning 1959, "Supply" items are principally in 600-pound gross weight bales and "Distribution" items are in running bales.

<sup>3</sup> Preliminary.

Agricultural Marketing Service. Supply and distribution figures compiled from reports of the U.S. Department of Commerce.

Table 104.—Cotton: Supply and distribution, by countries, 1979–80

Country	Begin- ning stocks Aug. 1 <sup>1</sup>	Produc- tion	Imports	Total supply	Con- sump- tion <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distrib- ution
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Exporting countries:								
Mexico .....	274	1,500	1	1,775	760	913	102	1,775
Nicaragua .....	83	98	.....	181	34	100	47	181
El Salvador .....	151	297	5	453	95	259	99	453
Guatemala .....	18	680	.....	698	54	635	9	698
Argentina .....	568	735	22	1,325	492	541	292	1,325
Brazil .....	1,372	2,650	.....	4,022	2,641	.....	1,381	4,022
Colombia .....	6	572	39	617	390	212	15	617
Paraguay .....	185	350	.....	535	25	302	208	535
Peru .....	629	440	.....	1,069	265	132	672	1,069
Other Western Hemisphere .....	48	72	12	132	40	44	48	132
Angola .....	13	15	.....	28	10	1	17	28
Chad .....	55	240	.....	295	10	230	55	295
Central African Empire .....	26	70	.....	96	10	60	26	96
Cameroon .....	36	133	.....	169	40	50	79	169
Malawi .....	13	30	.....	43	18	17	8	43
Zimbabwe .....	145	262	.....	407	50	260	97	407
Sudan .....	454	600	.....	1,054	100	675	279	1,054
Uganda .....	28	40	.....	68	15	36	17	68
Egypt .....	590	2,220	.....	2,810	1,380	876	554	2,810
Nigeria .....	74	133	.....	207	184	.....	23	207
Tanzania .....	119	240	.....	359	80	180	99	359
Mozambique .....	60	70	.....	130	25	50	55	130
Other Africa .....	120	808	34	962	285	523	154	962
Afghanistan .....	159	175	.....	334	50	125	159	334
Iran .....	101	460	.....	561	305	125	131	561
Israel .....	87	345	18	450	110	279	61	450
Pakistan .....	379	3,400	5	3,784	2,000	1,177	607	3,784
Syria .....	135	600	.....	735	150	457	128	735
Turkey .....	237	2,186	.....	2,423	1,187	617	619	2,423
Other Asia .....	27	135	50	212	131	50	31	212
Greece .....	385	490	135	1,010	722	78	210	1,010
Total "free world countries" above .....	6,577	20,046	321	26,944	11,658	9,004	6,282	26,944
United States <sup>4</sup> .....	3,958	<sup>5</sup> 14,629	65	18,592	6,363	9,229	3,000	18,592
Soviet Union .....	1,850	13,126	300	15,276	9,100	3,700	2,476	15,276
Total exporting countries .....	12,385	47,801	626	60,812	27,121	21,933	11,758	60,812

See footnotes at end of table.

Table 104.—Cotton: Supply and distribution, by countries, 1979-80—Continued

Country	Begin- ning stocks Aug. 1 <sup>1</sup>	Produc- tion	Imports	Total supply	Con- sump- tion <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distrib- ution
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Importing countries:								
Canada .....	26	.....	289	315	280	.....	.....	315
Chile .....	29	.....	59	88	80	.....	.....	88
Other Western Hemisphere .....	35	184	103	322	203	25	137	322
Austria .....	22	.....	115	137	105	.....	32	137
Belgium .....	32	.....	181	213	186	.....	27	213
Finland .....	17	.....	63	80	63	.....	17	80
France .....	187	.....	922	1,109	831	92	186	1,109
Germany, Fed. Rep. of .....	363	.....	888	1,251	780	69	402	1,251
Italy .....	349	3	1,118	1,470	1,060	.....	410	1,470
Netherlands .....	16	.....	106	122	110	.....	12	122
Portugal .....	174	.....	592	766	583	.....	183	766
Spain .....	241	177	324	742	510	.....	232	742
Sweden .....	26	.....	22	48	25	.....	23	48
Switzerland .....	141	.....	240	381	235	1	145	381
United Kingdom .....	178	.....	404	582	404	9	169	582
Yugoslavia .....	114	5	482	601	528	.....	73	601
Other Europe .....	20	.....	113	133	99	.....	34	133
Australia .....	177	373	2	552	106	279	167	552
Hong Kong .....	288	.....	1,198	1,486	1,100	66	320	1,486
India .....	1,575	6,100	.....	7,675	6,000	371	1,304	7,675
Japan .....	861	.....	3,336	4,197	3,366	32	799	4,197
Korea, Rep. of .....	458	14	1,627	2,099	1,550	.....	549	2,099
Philippines .....	30	14	133	177	138	.....	39	177
Taiwan .....	269	.....	1,248	1,517	1,000	.....	517	1,517
Other Asia .....	299	324	1,396	2,019	1,624	55	340	2,019
Ethiopia .....	41	100	.....	141	95	5	41	141
South Africa .....	187	291	56	534	280	14	240	534
Other Africa .....	89	97	196	382	285	7	90	382
Total "free world countries" above .....	6,244	7,682	15,213	29,139	21,626	1,025	6,488	29,139
Communist importing countries	3,002	10,250	7,054	20,306	17,041	.....	3,265	20,306
Total importing countries .....	9,246	17,932	22,267	49,445	38,667	1,025	9,753	49,445
World total .....	21,631	65,733	22,893	110,257	65,788	22,958	21,511	110,257
Foreign Free World (all countries) .....	12,821	27,728	15,534	56,083	33,284	10,029	12,770	56,083

<sup>1</sup> Estimates for Southern Hemisphere countries include unginced cotton.

<sup>2</sup> Includes cotton destroyed or unaccounted for.

<sup>3</sup> Bales of 480 pounds net (500 pounds gross).

<sup>4</sup> Running bales except imports, which are in bales of 480 pounds net.

<sup>5</sup> Includes pre-season ginnings.

<sup>6</sup> Imports for consumption.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 105.—Silk and vegetable fibers (except cotton): United States imports for consumption, by country of origin, 1979 and 1980**

Commodity imported and country of origin	1979	1980 <sup>1</sup>	Commodity imported and country of origin	1979	1980 <sup>1</sup>
Raw silk: <sup>2</sup>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Abaca or manila:	<i>Tons</i>	<i>Tons</i>
Brazil	193	139	Ecuador	8,078	6,611
China	568	312	Philippines	16,505	19,056
Hong Kong	0	5	Other countries	119	473
Other countries	12	1	Total	24,702	26,140
Total	773	457	Sisal and henequen:		
Waste and advanced waste: <sup>3</sup>			Brazil	4,906	1,524
Japan	602	108	Haiti	288	1,449
India	0	0	Kenya	1,937	1,085
China	179	401	Mexico	200	197
Korea, Rep. of	0	71	Mozambique	600	0
Other countries	11	16	Tanzania	258	626
Total	792	596	Other countries	94	39
Flax unmanufactured: <sup>4</sup>	<i>Tons</i>	<i>Tons</i>	Total	8,283	4,920
Belgium and Luxembourg	361	288	Istle or tampico, unmanufactured:		
Other countries	68	2	Mexico	7,812	2,591
Total	429	290	Other countries	74	0
Hemp, unmanufactured:			Total	7,886	2,591
Philippines	36	741	Coir, unmanufactured:		
Total	36	741	India	739	803
Broomcorn:			Mexico	418	555
Mexico	9,124	8,991	Sri Lanka	8,978	9,756
Other countries	10	0	Other countries	402	67
Total	9,134	8,991	Total	10,537	11,181
Jute and jute butts, unmanufactured:			Other vegetable fiber: <sup>5</sup>		
Bangladesh	7,395	2,875	Brazil	41	0
India	2,541	754	India	7	5
Thailand	10,050	5,289	Thailand	1,510	1,839
Other countries	1,975	558	Other countries	5	21
Total	21,961	9,476	Total	1,563	1,865
Kapok:					
Indonesia	22	17			
Thailand	4,899	2,885			
Other Asia	112	155			
Total	5,033	3,057			

<sup>1</sup> Preliminary.<sup>2</sup> Includes wild or tussah, and raw silk in skeins.<sup>3</sup> Silk waste, noils, and cocoons.<sup>4</sup> Includes all classes; weight added without conversion to an equivalent fiber basis.<sup>5</sup> TSUSA Number 3045600.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 106.—Silk and vegetable fibers (except cotton): Imports for consumption, United States, 1966–80**

Year	Silk		Vegetable fibers, unmanufactured							
	Raw <sup>1</sup>	Waste <sup>2</sup>	Flax <sup>3</sup>	Hemp <sup>3</sup>	Jute and jute butts	Abaca or manila	Sisal and henequen	Istle or tampico	Kapok	Other fibers <sup>4</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</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>
1966	3,510	1,113	4,567	89	51,875	33,940	80,198	346	13,191	13,131
1967	2,506	294	3,758	60	43,785	27,898	68,085	503	14,538	14,215
1968	2,194	1,789	3,734	110	50,566	22,016	75,173	591	18,060	17,658
1969	1,906	1,408	1,563	70	34,294	21,732	54,811	406	9,955	16,566
1970	919	927	1,581	0	29,625	21,492	59,577	629	11,703	16,587
1971	290	1,408	1,306	46	17,435	16,433	61,853	180	12,332	16,450
1972	553	1,586	1,145	35	13,393	21,338	49,993	153	11,214	20,216
1973	562	2,780	1,092	18	31,352	20,856	32,382	164	13,784	23,559
1974	423	2,165	988	0	28,311	37,094	10,278	364	10,281	25,905
1975	561	407	1,921	18	21,260	18,566	8,841	729	6,333	25,350
1976	725	1,928	243	0	20,953	22,239	14,465	96	7,499	23,972
1977	381	1,240	57	38	12,859	26,662	12,038	236	5,794	28,289
1978	690	1,299	454	149	16,999	22,085	10,642	4,027	6,280	23,850
1979	773	792	429	36	21,961	24,702	8,283	7,886	5,033	21,543
1980 <sup>5</sup>	457	596	290	741	9,476	26,140	4,920	2,591	3,057	22,398

<sup>1</sup> Includes wild or tussah, and raw silk in skeins.<sup>2</sup> Silk waste, noils, and cocoons.<sup>3</sup> Includes weights of all classes added without conversion to an equivalent fiber basis.<sup>4</sup> Includes broomcorn, crin vegetal, coir, crude straw, flax straw, ramie, sunn, and other vegetable fibers.<sup>5</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 107.—Sugarbeets: Area, yield, production, season average price per ton received by farmers, value, and sugar production, United States, 1966–80<sup>1</sup>**

Year	Area		Yield per harvested acre	Production	Price <sup>2</sup>	Value of production	Sugar production	
	Planted	Harvested					Raw value	Refined basis <sup>3</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1966	1,240.1	1,161.1	17.5	20,342	12.80	260,355	2,828	2,643
1967	1,197.2	1,122.1	17.1	19,197	13.50	260,115	2,636	2,464
1968	1,476.1	1,410.1	18.0	25,363	13.80	350,207	3,483	3,255
1969	1,647.1	1,540.5	18.0	27,736	12.70	352,868	3,330	3,112
1970	1,478.4	1,413.3	18.7	26,378	14.80	391,567	3,401	3,179
1971	1,406.3	1,341.9	20.2	27,096	15.40	416,279	3,552	3,320
1972	1,419.7	1,328.7	21.4	28,410	16.00	455,830	3,624	3,387
1973	1,280.1	1,217.5	20.1	24,499	29.60	725,661	3,200	2,990
1974	1,251.5	1,212.6	18.2	22,123	46.80	1,035,567	2,916	2,725
1975	1,595.0	1,516.6	19.6	29,704	27.60	820,743	4,019	3,756
1976	1,525.4	1,478.8	19.9	29,386	21.00	616,813	3,895	3,640
1977	1,272.6	1,216.2	20.6	25,007	24.20	604,399	3,108	2,905
1978	1,305.4	1,269.2	20.3	25,788	25.20	649,846	3,289	3,074
1979	1,160.7	1,119.7	19.6	21,996	33.90	745,273	2,879	2,691
1980 <sup>4</sup>	1,231.6	1,187.2	19.6	23,275	( <sup>5</sup> )	( <sup>5</sup> )	2,913	2,722

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.<sup>2</sup> Prices do not include Government payments under the Sugar Act.<sup>3</sup> Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar.<sup>4</sup> Preliminary.<sup>5</sup> Not available.

Statistical Reporting Service.

Table 108.—Sugarbeets: Area, yield, and production, by States, 1978–80<sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	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
Ariz . . . . .	15.7	11.7	9.4	15.0	11.3	9.1	20.5	19.2	22.9	308	217	208
Calif . . . . .	204.5	224.0	234.0	194.0	215.0	227.0	24.5	26.6	25.4	4,745	5,719	5,765
Colo . . . . .	89.0	76.0	94.0	84.0	73.0	91.0	18.3	18.6	19.0	1,538	1,358	1,729
Idaho . . . . .	134.6	131.3	140.7	132.3	125.9	138.0	20.9	22.4	23.5	2,765	2,820	3,243
Kans . . . . .	28.0	13.0	16.0	26.0	12.0	15.0	17.0	17.8	13.5	442	213	202
Mich . . . . .	93.0	93.0	99.0	91.5	88.0	97.0	19.3	17.6	19.5	1,770	1,550	1,892
Minn . . . . .	265.0	249.0	259.0	263.0	244.0	242.0	18.9	15.5	14.7	4,971	3,782	3,557
Mont . . . . .	45.4	44.1	44.2	44.7	43.4	43.3	19.8	19.1	20.3	885	829	878
Nebr . . . . .	79.0	77.1	87.0	76.0	72.4	85.0	18.0	20.2	20.9	1,368	1,462	1,777
N.Mex . . . . .	2.1	2.2	1.6	1.8	2.0	1.6	20.6	15.0	22.7	37	30	36
N.Dak . . . . .	156.2	145.3	147.6	155.2	143.1	142.7	19.7	16.1	14.1	3,054	2,304	2,017
Ohio . . . . .	24.5	15.3	18.3	23.3	13.7	17.8	16.9	19.4	19.1	394	266	339
Oreg . . . . .	9.1	6.9	7.3	8.9	6.7	7.2	22.8	26.6	28.0	203	178	202
Tex . . . . .	27.9	21.4	27.3	23.6	19.5	24.6	17.5	17.0	16.0	414	332	394
Utah . . . . .	12.7	1.5	6	12.6	1.5	6	17.9	19.9	20.0	225	30	12
Wash . . . . .	69.2	0	0	68.5	0	0	25.5	0	0	1,747	0	0
Wyo . . . . .	49.5	48.9	45.6	48.8	48.2	45.3	18.9	18.8	22.6	922	906	1,024
U.S . . . . .	1,305.4	1,160.7	1,231.6	1,269.2	1,119.7	1,187.2	20.3	19.6	19.6	25,788	21,996	23,275

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 109.—Sugarbeets: Production and value, by States, crop of 1979 (preliminary)<sup>1</sup>

State	Production	Season average price per ton received by farmers	Value of production	State	Production	Season average price per ton received by farmers	Value of production
	1,000 tons	Dollars	1,000 dollars		1,000 tons	Dollars	1,000 dollars
Ariz . . . . .	217	27.90	6,054	N. Dak . . . . .	2,304	34.10	78,566
Calif . . . . .	5,719	31.10	177,861	Ohio . . . . .	266	32.80	8,725
Colo . . . . .	1,358	34.10	46,308	Oreg . . . . .	178	33.00	5,874
Idaho . . . . .	2,820	37.60	106,032	Tex . . . . .	332	34.20	11,354
Kans . . . . .	213	31.40	6,688	Utah . . . . .	30	38.80	1,164
Mich . . . . .	1,550	38.90	60,295	Wash . . . . .	0	.....	0
Minn . . . . .	3,782	31.80	120,268	Wyo . . . . .	906	38.00	34,428
Mont . . . . .	829	37.30	30,922	U.S . . . . .	21,996	33.90	745,273
Nebr . . . . .	1,462	34.00	49,708				
N. Mex . . . . .	30	34.20	1,026				

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.

Statistical Reporting Service.

**Table 110.—Sugarbeet seed: Area, yield, production, average price per pound received by farmers, and value, United States, 1966–80**

Year	Area harvested	Yield per acre	Production	Average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966	4,741	2,932	139,020	18.34	2,549
1967	3,503	2,438	85,412	18.38	1,570
1968	3,100	2,244	69,553	18.68	1,299
1969	5,550	2,548	141,427	18.47	2,612
1970	5,907	2,575	152,076	18.59	2,828
1971	4,016	2,620	105,224	19.34	2,035
1972	3,318	2,446	81,166	19.07	1,548
1973	2,832	2,968	84,059	20.28	1,705
1974	1,983	2,556	50,685	21.67	1,099
1975	4,625	2,437	112,729	34.46	3,885
1976	6,748	2,630	177,494	38.55	6,842
1977	4,915	2,726	133,985	38.26	5,126
1978	3,153	2,266	71,443	37.12	2,652
1979	3,074	2,374	72,964	36.00	2,627
1980	3,329	2,439	81,218	38.00	3,086

Science and Education Administration. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries, and by others engaged in sugarbeet seed production.

**Table 111.—Sugarbeet seed: Area, yield, and production, by States, 1978–80<sup>1</sup>**

State	Area harvested			Yield per acre			Production		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Cwt.</i>
Ariz	284	0	0	3,515	0	0	9,983	0	0
Nev	0	0	0	0	0	0	0	0	0
N. Mex	0	0	0	0	0	0	0	0	0
Oreg	2,692	2,750	3,329	2,139	2,455	2,439	57,583	67,519	81,218
Utah	177	324	0	2,190	1,682	0	3,877	5,445	0
All States	3,153	3,074	3,329	2,266	2,374	2,439	71,443	72,964	81,218

<sup>1</sup> Commercial seed production from fall plantings overwintered in the field.

<sup>2</sup> All seed monogerm and hybrid.

Science and Education Administration. Compiled from reports furnished by beet sugar companies and their subsidiaries and by others engaged in sugarbeet seed production.

Table 112.—Sugarbeets: Area, yield, and production in specified countries, 1978–80

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</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
North America:									
Canada .....	25	24	27	27.4	35.9	33.9	686	862	915
United States .....	514	453	480	45.5	44.1	44.0	23,395	19,955	21,115
Total .....	539	477	507	44.7	43.6	43.5	24,081	20,817	22,030
South America:									
Chile .....	15	11	36	44.1	41.3	40.3	661	454	1,450
Uruguay .....	22	14	12	20.4	28.6	31.3	450	400	375
Total .....	37	25	48	30.0	34.2	38.0	1,111	854	1,825
Europe:									
Belgium and Luxembourg .....	110	116	117	52.2	55.7	47.4	5,740	6,461	5,546
Denmark .....	80	78	76	36.7	39.7	40.2	2,933	3,099	3,056
France .....	522	520	526	43.9	47.5	48.1	22,920	24,700	25,300
Germany, Fed. Rep. of Ireland .....	411	405	414	44.8	45.2	46.1	18,400	18,300	19,100
Italy .....	37	35	33	38.7	38.6	38.6	1,431	1,350	1,275
Netherlands .....	255	275	283	46.3	48.1	38.9	11,800	13,236	11,000
United Kingdom .....	130	124	122	46.2	44.3	50.6	6,000	5,491	6,175
United Kingdom .....	209	212	210	39.0	33.5	33.3	8,150	7,100	7,000
Total EC .....	1,754	1,765	1,781	44.1	45.2	44.0	77,374	79,737	78,452
Austria .....	44	45	50	52.3	55.6	52.0	2,300	2,500	2,600
Finland .....	30	32	31	28.7	21.8	25.8	860	697	800
Spain .....	231	160	163	31.6	32.0	43.2	7,304	5,124	7,042
Sweden .....	52	52	52	41.6	42.4	43.4	2,161	2,206	2,258
Switzerland .....	13	14	13	48.4	47.1	48.3	629	660	628
Total Western Europe .....	2,124	2,068	2,090	42.7	44.0	43.9	90,628	90,924	91,780
Bulgaria .....	72	65	65	22.9	27.0	23.1	1,650	1,755	1,500
Czechoslovakia .....	219	220	225	32.9	36.4	32.4	7,200	8,000	7,300
German Dem. Rep. ....	263	260	260	29.3	30.8	26.9	7,700	8,000	7,000
Hungary .....	122	120	125	34.4	33.3	30.4	4,200	4,000	3,800
Poland .....	524	455	459	30.0	31.1	22.6	15,707	14,154	10,370
Romania .....	249	250	255	23.3	24.0	21.6	5,800	6,000	5,500
Yugoslavia .....	126	140	128	40.9	42.3	40.6	5,150	5,925	5,200
Total Eastern Europe .....	1,575	1,510	1,517	30.1	31.7	26.8	47,407	47,834	40,670
Total Europe .....	3,699	3,578	3,607	37.3	38.8	36.7	138,035	138,758	132,450
Soviet Union .....	3,730	3,700	3,710	22.5	20.5	21.5	84,000	76,000	79,600
Asia:									
Japan .....	58	59	65	46.8	56.7	54.6	2,714	3,344	3,550
Turkey .....	277	268	270	35.5	32.7	28.9	9,829	8,760	7,800
Total .....	335	327	335	37.4	37.0	33.9	12,543	12,104	11,350
Grand total .....	8,340	8,107	8,207	31.1	30.7	30.1	259,770	248,533	247,255

<sup>1</sup> Preliminary.<sup>2</sup> Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 113.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1966–80<sup>1</sup>

Year <sup>2</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
	<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>
1966	590.2	35.0	625.2	40.0	26.4	39.2	23,590	925	24,515
1967	596.2	31.4	627.6	43.1	30.3	42.5	25,699	952	26,651
1968	577.3	28.5	605.8	41.6	28.1	41.0	24,025	800	24,825
1969	502.8	32.8	535.6	43.2	27.5	42.2	21,714	901	22,615
1970	551.1	32.8	583.9	41.8	28.7	41.1	23,055	941	23,996
1971	606.7	41.4	648.1	38.1	24.8	37.3	23,145	1,027	24,172
1972	664.3	37.5	701.8	41.0	29.1	40.4	27,239	1,093	28,332
1973	703.0	38.0	741.0	35.5	23.8	34.9	24,924	903	25,827
1974	689.9	44.2	734.1	34.8	25.1	34.2	24,031	1,109	25,140
1975	734.7	39.3	774.0	37.2	26.4	36.6	27,306	1,038	28,344
1976	704.0	43.0	747.0	38.2	27.9	37.6	26,919	1,201	28,120
1977	719.3	40.1	759.4	35.8	27.4	35.3	25,730	1,100	26,830
1978	699.8	43.9	743.7	35.5	26.8	35.0	24,821	1,176	25,997
1979	689.7	43.0	732.7	36.8	26.1	36.2	25,410	1,122	26,532
1980 <sup>3</sup>	688.8	46.8	735.6	39.1	27.8	38.4	26,935	1,300	28,235

  

Year <sup>2</sup>	Season average price per ton received by farmers <sup>4</sup>	Value of production		Sugar production			Molasses
		Of cane used for sugar	Of cane used for sugar and seed	Raw value <sup>5</sup>		Refined basis <sup>6</sup>	
				Total	Per ton of cane		
	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 tons</i>	<i>Pounds</i>	<i>1,000 tons</i>	<i>1,000 gallons</i>
1966	8.74	110,470	116,793	2,448	208	2,287	145,201
1967	9.38	137,610	144,639	2,648	206	2,475	161,091
1968	9.37	119,435	125,198	2,447	204	2,286	152,589
1969	9.97	108,380	115,534	2,254	208	2,107	134,458
1970	10.50	132,045	139,688	2,416	210	2,258	141,193
1971	11.10	138,617	147,834	2,436	211	2,277	144,812
1972	11.60	201,639	211,724	2,740	201	2,561	180,553
1973	20.90	319,503	333,061	2,549	205	2,383	167,486
1974	48.60	1,166,809	1,221,232	2,512	212	2,347	156,355
1975	21.50	586,622	607,895	2,934	214	2,743	178,988
1976	15.20	408,403	425,342	2,724	202	2,545	180,730
1977	17.70	454,217	474,257	2,684	209	2,508	164,894
1978	19.50	483,905	507,069	2,612	210	2,441	161,810
1979	26.00	661,212	690,544	2,700	213	2,524	164,581
1980 <sup>3</sup>	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	2,679	199	2,503	169,979

<sup>1</sup> Includes Hawaii except for prices and values for 1973 and earlier years.<sup>2</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>3</sup> Preliminary.<sup>4</sup> Prices do not include Government payments under the Sugar Act.<sup>5</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.<sup>6</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.<sup>7</sup> Not available.

Statistical Reporting Service.

**Table 114.—Sugarcane for sugar and seed: Area, yield, production, and production of cane sugar and molasses, by States, 1978-80**

State	Sugarcane for sugar and seed <sup>1</sup>								
	Area harvested			Yield of cane per acre			Cane production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	<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:									
Fla . . . . .	300.0	318.2	321.5	30.5	31.3	32.9	9,160	9,975	10,577
Hawaii . . . . .	99.4	100.6	100.6	93.2	95.7	99.9	9,263	9,632	10,050
La . . . . .	268.0	240.0	232.0	20.3	20.6	23.0	5,449	4,950	5,336
Tex . . . . .	32.4	30.9	34.7	29.3	27.6	28.0	949	853	972
U.S . . . . .	699.8	689.7	688.8	35.5	36.8	39.1	24,821	25,410	26,935
For seed:									
Fla . . . . .	16.0	12.6	15.5	33.8	32.7	34.0	541	412	527
Hawaii . . . . .	6.5	7.3	7.7	30.5	31.1	29.6	198	227	228
La . . . . .	21.0	22.0	23.0	20.3	20.6	23.0	426	453	529
Tex . . . . .	.4	1.1	.6	27.5	27.3	26.7	11	30	16
U.S . . . . .	43.9	43.0	46.8	26.8	26.1	27.8	1,176	1,122	1,300
For sugar and seed:									
Fla . . . . .	316.0	330.8	337.0	30.7	31.4	32.9	9,701	10,387	11,104
Hawaii . . . . .	105.9	107.9	108.3	89.3	91.4	94.9	9,461	9,859	10,278
La . . . . .	289.0	262.0	255.0	20.3	20.6	23.0	5,875	5,403	5,865
Tex . . . . .	32.8	32.0	35.3	29.3	27.6	28.0	960	883	988
U.S . . . . .	743.7	732.7	735.6	35.0	36.2	38.4	25,997	26,532	28,235

State	Products of cane harvested for sugar											
	Sugar per ton of cane (raw value <sup>3</sup> )			Sugar produced (raw value <sup>3</sup> )			Equivalent refined <sup>4</sup>			Molasses <sup>5</sup>		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</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 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Fla., La., and Tex . . . . .	203	208	196	1,583	1,640	1,656	1,479	1,533	1,547	106,730	107,389	113,369
Hawaii . . . . .	222	220	204	1,029	1,060	1,023	962	991	956	<sup>6</sup> 55,080	<sup>6</sup> 57,192	<sup>6</sup> 56,610
U.S . . . . .	210	213	199	2,612	2,700	2,679	2,441	2,524	2,503	161,810	164,581	169,979

<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> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.  
<sup>4</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.  
<sup>5</sup> Blackstrap (80° Brix) high-test molasses from frozen cane and edible molasses. <sup>6</sup> 85° brix.

Statistical Reporting Service.

**Table 115.—Sugarcane for sugar and seed: Production and value, by States, crop of 1979 (preliminary)**

State	Sugar			Sugar and seed: Value of production <sup>1</sup>
	Production	Price per ton	Value of production	
	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Fla . . . . .	10,387	30.30	302,243	314,726
La . . . . .	5,403	24.20	119,790	130,753
Tex . . . . .	883	25.20	21,496	22,252
Total <sup>2</sup> . . . . .	26,532	26.00	661,212	690,544

<sup>1</sup> Price per ton of cane for sugar used in evaluating value of production for seed. <sup>2</sup> Includes Hawaii.

Statistical Reporting Service.

Table 116.—Sugarcane, sugar, and molasses: Area, yield, and production in Republic of the Philippines, 1966–80

Crop year <sup>1</sup>	Sugarcane				Sugar produced			Molasses production
	Area		Production for centrifugal sugar		Centrifugal	Muscovado and panocha	Centrifugal sugar made per ton sugarcane	
	Total <sup>2</sup>	Harvested for centrifugal sugar	Yield per hectare <sup>3</sup>	Total <sup>4</sup>				
1,000 hectares	1,000 hectares	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	Kilograms	Metric tons	
1966	320	293	45.33	13,281	1,442	56	109	450,000
1967	313	288	53.05	15,278	1,558	56	102	443,430
1968	308	286	54.24	15,512	1,595	57	103	502,875
1969	343	321	51.24	16,448	1,596	59	97	566,870
1970	388	366	58.57	21,437	1,927	60	90	809,863
1971	461	442	52.69	23,287	2,058	46	88	881,034
1972	459	440	44.30	19,491	1,869	49	96	680,874
1973	461	441	51.42	22,676	2,424	54	107	836,000
1974	465	445	58.62	26,085	2,643	54	101	955,000
1975	530	510	48.27	24,616	2,466	54	100	890,000
1976	543	525	55.29	29,025	2,875	54	99	1,050,000
1977	508	492	55.33	27,220	2,750	53	101	940,000
1978	520	503	44.71	22,487	2,397	54	107	808,000
1979	450	429	52.45	22,500	2,347	63	104	873,000
1980 <sup>5</sup>	428	408	57.55	23,482	2,325	40	99	789,000

<sup>1</sup>Harvesting begins in October, the length of the growing season being about 11 months.

<sup>2</sup>Total harvested area includes area for both centrifugal and non-centrifugal sugar.

<sup>3</sup>Cane production divided by harvested area.

<sup>4</sup>Cane production as reported.

<sup>5</sup>Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 117.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1966–80

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments <sup>2</sup>	Domestic disappearance		
			Foreign sources	Territories <sup>1</sup>		Livestock feed and alcohol <sup>3</sup>	Military and civilian use <sup>4</sup>	Per capita consumption (refined) <sup>4</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1966	5,279	2,805	4,495	717	65	79	10,235	97.3
1967	5,297	2,758	4,804	705	72	199	10,474	98.5
1968	5,627	2,941	5,130	504	79	82	10,656	99.2
1969	5,482	3,043	4,886	342	82	68	10,950	101.0
1970	5,874	2,869	5,296	353	66	83	10,532	96.1
1971	5,815	3,466	5,587	144	89	61	11,976	108.1
1972	6,015	2,823	5,459	149	50	62	11,487	102.8
1973	6,061	2,823	5,329	79	26	31	11,429	101.5
1974	5,662	2,646	5,770	157	72	8	10,945	96.5
1975	6,300	2,854	3,882	96	216	6	10,302	90.2
1976	6,798	2,856	4,658	203	76	0	10,893	94.6
1977	6,089	3,498	6,138	102	22	0	11,099	95.7
1978	5,602	4,491	4,683	52	16	4	10,889	93.1
1979	5,794	3,754	5,027	47	18	0	10,756	91.1
1980 <sup>5</sup>	5,534	3,701	4,480	153	523	0	10,126	84.9

<sup>1</sup>Includes inshipments from Puerto Rico (and from Virgin Islands 1966).

<sup>2</sup>Includes sugar used in manufacture of exported commodities.

<sup>3</sup>Includes use for alcohol, beginning 1966.

<sup>4</sup>Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.

<sup>5</sup>Estimated.

Economic Research Service.

Table 118.—Sugar: Production in specified countries, 1978-80<sup>1</sup>

Continent and country	1978	1979	1980 <sup>2</sup>	Continent and country	1978	1979	1980 <sup>2</sup>
CENTRIFUGAL SUGAR (raw value) <sup>3</sup>	1,000	1,000	1,000	CENTRIFUGAL SUGAR (raw value) <sup>3</sup> — Continued	1,000	1,000	1,000
North America (cane):	metric tons	metric tons	metric tons	Europe (beet unless otherwise indicated) — Continued	metric tons	metric tons	metric tons
Barbados . . . . .	117	135	135	Albania . . . . .	21	21	20
Belize . . . . .	100	105	103	Bulgaria . . . . .	240	305	275
Canada (beet) . . . . .	125	105	115	Czechoslovakia . . . . .	875	950	900
Costa Rica . . . . .	195	191	204	German Dem. Rep. . . . .	820	861	750
Cuba . . . . .	7,500	6,400	6,000	Hungary . . . . .	530	550	475
Dominican Republic . . . . .	1,166	1,090	1,200	Poland . . . . .	1,736	1,557	1,190
El Salvador . . . . .	277	179	190	Romania . . . . .	555	525	500
Guadeloupe . . . . .	107	99	95	Yugoslavia . . . . .	765	801	722
Guatemala . . . . .	376	400	487	Total Eastern Europe . . . . .	5,542	5,570	4,832
Haiti . . . . .	65	66	70	Total Europe . . . . .	20,114	20,368	19,376
Honduras . . . . .	167	187	221	Soviet Union . . . . .	9,300	7,800	7,000
Jamaica . . . . .	291	245	225	Africa (cane):			
Martinique . . . . .	16	15	14	Angola . . . . .	39	40	40
Mexico . . . . .	3,058	2,763	2,900	Egypt . . . . .	668	662	695
Nicaragua . . . . .	212	179	227	Ethiopia . . . . .	165	170	170
Panama . . . . .	228	180	250	Kenya . . . . .	255	317	432
St. Kitts . . . . .	40	35	40	Madagascar . . . . .	112	115	115
Trinidad and Tobago . . . . .	144	114	110	Mauritius . . . . .	705	730	500
United States:				Morocco . . . . .	375	339	340
Continental (beet) . . . . .	2,984	2,612	2,722	Mozambique . . . . .	175	175	175
Continental (cane) . . . . .	1,436	1,488	1,501	Reunion . . . . .	311	288	276
Hawaii . . . . .	962	948	965	South Africa . . . . .	2,209	2,206	1,721
Puerto Rico . . . . .	175	159	160	Swaziland . . . . .	261	255	331
Total North America . . . . .	19,741	17,695	17,934	Tanzania . . . . .	136	130	130
South America (cane unless otherwise indicated):				Uganda . . . . .	10	12	10
Argentina . . . . .	1,387	1,395	1,650	Zaire . . . . .	51	51	50
Bolivia . . . . .	314	289	296	Zimbabwe . . . . .	309	299	310
Brazil . . . . .	7,740	6,968	8,200	Other Africa <sup>4</sup> . . . . .	538	729	997
Chile (beet) . . . . .	99	62	200	Total Africa . . . . .	6,319	6,518	6,292
Colombia . . . . .	1,019	1,193	1,223	Asia (cane unless otherwise indicated):			
Ecuador . . . . .	353	357	370	Burma . . . . .	130	135	135
Guyana . . . . .	316	280	280	China (cane and beet) . . . . .	2,675	2,765	2,800
Paraguay . . . . .	72	80	80	Taiwan . . . . .	891	890	890
Peru . . . . .	715	550	500	India . . . . .	7,071	5,213	6,917
Surinam . . . . .	11	12	12	Indonesia . . . . .	1,160	1,307	1,403
Uruguay (beet and cane) . . . . .	93	71	76	Iran (beet and cane) . . . . .	650	613	600
Venezuela . . . . .	325	350	380	Japan (beet and cane) <sup>5</sup> . . . . .	693	744	765
Total South America . . . . .	12,444	11,607	13,267	Pakistan . . . . .	653	571	725
Europe (beet unless otherwise indicated):				Philippines . . . . .	2,347	2,325	2,420
Belgium and Luxembourg . . . . .	834	965	905	Thailand . . . . .	1,851	1,087	1,350
Denmark . . . . .	435	485	447	Turkey (Europe and Asia) (beet) . . . . .	1,079	1,052	1,000
France . . . . .	4,000	4,237	4,280	Other Asia (cane and beet) <sup>6</sup> . . . . .	526	397	442
Germany, Fed. Rep. of . . . . .	2,997	3,088	2,850	Total Asia . . . . .	19,726	17,099	19,447
Ireland . . . . .	201	187	180	Oceania (cane):			
Italy . . . . .	1,605	1,672	1,660	Australia . . . . .	2,978	3,027	3,300
Netherlands . . . . .	1,019	913	885	Fiji . . . . .	347	473	500
United Kingdom . . . . .	1,111	1,255	1,230	Total Oceania . . . . .	3,325	3,500	3,800
Total EC . . . . .	12,202	12,802	12,437	World total (cane) . . . . .	56,395	51,504	55,604
Austria . . . . .	375	429	457	World total (beet) . . . . .	34,574	33,083	31,512
Finland . . . . .	104	100	113	World total (cane and beet) . . . . .	90,969	84,587	87,116
Greece . . . . .	348	313	198				
Portugal:							
Azores and Madeira . . . . .	10	4	3				
Spain (cane and beet) . . . . .	1,106	701	923				
Sweden . . . . .	322	333	317				
Switzerland . . . . .	105	116	96				
Total Western Europe . . . . .	14,572	14,798	14,544				

See footnotes at end of table.

Table 118.—Sugar: Production in specified countries, 1978-80<sup>1</sup>—Continued

Continent and country	1978	1979	1980 <sup>2</sup>	Continent and country	1978	1979	1980 <sup>2</sup>
NON-CENTRIFUGAL SUGAR (as produced) <sup>7</sup>	1,000 <i>metric tons</i>	1,000 <i>metric tons</i>	1,000 <i>metric tons</i>	NON-CENTRIFUGAL SUGAR (as produced) <sup>7</sup> —Continued	1,000 <i>metric tons</i>	1,000 <i>metric tons</i>	1,000 <i>metric tons</i>
North America:				Asia:			
Costa Rica . . . . .	48	45	45	Burma . . . . .	140	140	138
El Salvador . . . . .	12	14	15	China . . . . .	860	800	800
Guatemala . . . . .	35	36	38	Taiwan . . . . .	40	39	40
Mexico . . . . .	55	70	80	India . . . . .	6,500	5,700	5,500
Nicaragua . . . . .	10	10	10	Indonesia . . . . .	225	200	250
Panama . . . . .	3	3	3	Japan <sup>5</sup> . . . . .	11	12	12
Total . . . . .	163	178	191	Pakistan . . . . .	1,550	1,350	1,400
South America:				Philippines . . . . .	68	75	40
Brazil . . . . .	200	200	200	Thailand . . . . .	650	750	800
Colombia . . . . .	910	900	750	Vietnam . . . . .	10	10	10
Ecuador . . . . .	50	55	55	Total . . . . .	10,054	9,076	8,990
Peru . . . . .	15	14	15	Total of above countries	11,434	10,467	10,246
Venezuela . . . . .	42	44	45				
Total . . . . .	1,217	1,213	1,065				

<sup>1</sup>Crop years are on a September/August basis, (year shown is the beginning year) but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September.

<sup>2</sup>Preliminary.

<sup>3</sup>Centrifugal sugar, as distinguished from non-centrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade.

<sup>4</sup>"Other Africa" includes Afars-Issas, Algeria, Cameroon, Congo, Ghana, Ivory Coast, Mali, Malawi, Nigeria, Senegal, Somali Republic, Sudan, Tunisia, and Zambia.

<sup>5</sup>Since Jan. 1, 1972, includes Ryukyu Islands.

<sup>6</sup>"Other Asia" includes Afghanistan, Bangladesh, Iraq, Israel, Lebanon, Malaysia, Nepal, Sri Lanka, Syria, and Vietnam.

<sup>7</sup>Non-centrifugal sugar includes all types of sugar produced by other than centrifugal process which is largely for consumption in the relatively few areas where produced. The estimates include such kinds known as piloncillo, panela, papelon, chancaca, rapadura, jaggery, gur, muscovado, panocha, etc.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 119.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1978-80<sup>1</sup>

Country or area of supply	1978	1979	1980 <sup>2</sup>	Country or area of supply	1978	1979	1980 <sup>2</sup>
	1,000 <i>tons</i>	1,000 <i>tons</i>	1,000 <i>tons</i>		1,000 <i>tons</i>	1,000 <i>tons</i>	1,000 <i>tons</i>
Argentina . . . . .	271	235	197	Philippines . . . . .	833	413	409
Australia . . . . .	165	108	351	South Africa . . . . .	60	89	164
Brazil . . . . .	601	1,262	846	Taiwan . . . . .	57	28	.....
Belize . . . . .	87	58	72	Other countries . . . . .	795	828	884
Colombia . . . . .	113	26	214	Total foreign countries . . . . .	4,683	5,027	4,495
Costa Rica . . . . .	78	80	68	Domestic areas:			
Dominican Republic . . . . .	734	817	615	Mainland (beet) . . . . .	3,198	3,191	2,971
Ecuador . . . . .	37	82	73	Mainland (cane) . . . . .	1,236	1,162	2,035
El Salvador . . . . .	130	161	52	Hawaii . . . . .	1,009	945	1,003
Fiji Islands . . . . .	51	130	50	Puerto Rico . . . . .	52	47	178
Guatemala . . . . .	156	171	219	Texas (cane) . . . . .	62	70	75
Haiti . . . . .	6	11	10	Total domestic areas . . . . .	5,557	5,415	6,262
India . . . . .	.....	.....	.....	Grand total . . . . .	10,240	10,442	10,757
Mexico . . . . .	53	60	.....				
Nicaragua . . . . .	108	122	63				
Panama . . . . .	123	157	156				
Peru . . . . .	225	189	52				

<sup>1</sup>Raw value is the equivalent in terms of 96° sugar.

<sup>2</sup>Preliminary.

Statistical Reporting Service.

**Table 120.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1966–81<sup>1</sup>**

Item and year	Cane sugar refineries <sup>2</sup>	Beet sugar factories	Importers of direct consumption sugar <sup>3</sup>	Mainland cane sugar mills <sup>4</sup>	Total
	<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>
<b>JAN. 1 STOCKS<sup>5</sup></b>					
1966	208	1,603	24		1,835
1967	215	1,423	16		1,654
1968	249	1,335	32		1,616
1969	256	1,292	11		1,559
1970	251	1,321	9		1,581
1971	237	1,266	4		1,507
1972	255	1,258	1		1,514
1973	233	1,280	3		1,516
1974	257	1,130	1		1,388
1975	276	1,314	1		1,591
1976	233	1,490	0		1,723
1977	261	1,661	0		1,922
1978	312	1,580	85		1,977
1979	267	1,458	0		1,725
1980	240	1,126	0		1,366
1981	294	1,202	0		1,496
<b>PRODUCTION OR RECEIPTS</b>					
1966	6,685	2,647	180		9,512
1967	6,868	2,551	302		9,721
1968	7,209	2,840	193		10,242
1969	6,874	3,034	147		10,055
1970	7,143	3,281	139		10,563
1971	7,324	3,205	108		10,639
1972	7,304	3,303	89		10,696
1973	7,358	3,133	73		10,564
1974	7,608	3,010	56		10,674
1975	6,183	3,246	82		9,511
1976	6,561	3,741	76		10,378
1977	7,078	3,199	258		10,535
1978	6,942	2,867	95		9,904
1979	6,958	2,650	84		9,692
1980	7,155	2,852	7		10,014
<b>DELIVERIES<sup>6</sup></b>					
1966	6,678	2,826	187	55	9,746
1967	6,834	2,639	286	54	9,813
1968	7,201	2,883	214	48	10,346
1969	6,879	3,005	148	49	10,081
1970	7,158	3,336	144	57	10,695
1971	7,306	3,213	111	51	10,681
1972	7,326	3,281	87	70	10,764
1973	7,334	3,282	75	81	10,772
1974	7,590	2,826	56	54	10,526
1975	6,237	3,068	83	65	9,453
1976	6,534	3,572	76	15	10,197
1977	7,026	3,280	172	17	10,495
1978	6,987	2,989	180	18	10,174
1979	6,985	2,982	84	18	10,069
1980	7,104	2,777	7	45	9,933

<sup>1</sup> All sugars converted to refined basis.

<sup>2</sup> Includes Hawaiian sugar for direct consumption.

<sup>3</sup> Includes Puerto Rican sugar for direct consumption.

<sup>4</sup> Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported.

<sup>5</sup> Stocks include sugar in bond and in customs custody and control.

<sup>6</sup> Includes deliveries for export, for livestock feed, and for use in alcohol.

Statistical Reporting Service.

**Table 121.—Sugar, cane (raw<sup>1</sup>): Refiners' raw stocks, receipts, meltings, and direct consumption deliveries, continental United States, 1966–81**

Year	Jan. 1 stocks	Receipts <sup>2</sup>	Meltings	Deliveries for direct consumption
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1966	513	7,254	7,183	15
1967	569	7,635	7,376	17
1968	812	7,759	7,720	17
1969	834	7,251	7,373	17
1970	695	7,780	7,655	16
1971	804	7,856	7,865	10
1972	785	8,041	7,844	10
1973	972	7,948	7,910	12
1974	998	8,063	8,161	11
1975	886	6,206	6,639	11
1976	428	7,430	7,071	13
1977	776	8,315	7,564	12
1978	1,678	6,789	7,578	13
1979	964	7,057	7,539	14
1980	541	7,892	7,735	4
1981 <sup>3</sup>	691			

<sup>1</sup> Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<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.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 122.—Sugar, centrifugal (raw value): Stocks in specified countries, 1978–80**

Country	Date <sup>1</sup>	Sugar-making season			Country	Date <sup>1</sup>	Sugar-making season		
		1978	1979	1980 <sup>2</sup>			1978	1979	1980 <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>
Chile	Apr. 1	143	88	91	Ireland	Oct. 1	13	14	30
Colombia	May 1	113	75	8	Japan	Oct. 1	350	446	421
South Africa	May 1	44	276	474	Netherlands	Oct. 1	207	187	222
Argentina	June 1	149	289	149	Philippines	Oct. 1	1,290	997	1,214
Australia	June 1	383	577	674	Sweden	Oct. 1	140	136	108
Brazil	June 1	1,516	2,648	3,008	Switzerland	Oct. 1	95	94	83
Mauritius	June 1	85	112	171	United States and insular areas	Oct. 1	3,375	3,339	3,553
Ecuador	July 1	58	38	42	Uruguay	Oct. 1	79	63	43
Spain	July 1	686	706	738	El Salvador	Nov. 1	39	57	55
Greece	July 1	250	195	203	Guatemala	Nov. 1	67	90	82
Finland	Aug. 1	64	106	117	India	Nov. 1	1,448	3,211	1,949
Guyana	Aug. 1	41	85	71	Mexico	Nov. 1	134	263	138
Italy	Aug. 1	859	697	758	Thailand	Nov. 1	218	65	414
Turkey	Aug. 1	351	244	116	Egypt	Nov. 1	224	224	224
Canada	Sept. 1	279	212	178	Dominican Republic	Dec. 1	219	113	183
United Kingdom	Sept. 1	234	217	455	Barbados	Jan. 1	19	19	5
Venezuela	Sept. 1	79	73	76	Haiti	Jan. 1	5	1	( <sup>3</sup> )
Yugoslavia	Sept. 1	409	503	451	Jamaica	Jan. 1	15	17	15
Austria	Oct. 1	132	257	175	Nicaragua	Jan. 1	5	23	4
Belgium	Oct. 1	166	198	274	Peru	Jan. 1	90	50	70
Costa Rica	Oct. 1	15	16	28	Trinidad and Tobago	Jan. 1	8	9	6
Denmark	Oct. 1	131	138	130					
France	Oct. 1	947	940	1,027					
Germany, Fed. Rep. of	Oct. 1	305	408	537					
Iran	Oct. 1	364	358	454	Total		15,843	18,874	19,224

<sup>1</sup> All stock carryover dates apply to the year shown, except Jan. 1 and Apr. 1, which apply to the following year.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 500 tons.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 123.—Sugar, centrifugal (raw value): International trade by specified countries, 1977-79

Continent and country	1977		1978		1979 <sup>1</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
<b>North America:</b>						
Belize	78		117		92	
Canada	145	1,064	134	1,030	120	1,009
Costa Rica	74		70		69	
El Salvador	169		133		138	
Guatemala	292		153		256	
Honduras	25		23		59	
Mexico			74		101	
Nicaragua	100		99		91	
Panama	114		119		122	
United States	20	5,290	13	3,616	15	4,437
<b>Caribbean:</b>						
Barbados	106		89		101	
Cuba	6,238		7,231		7,269	
Dominican Republic	1,101		901		992	
Haiti	25		5		10	
Jamaica	220	11	203	22	162	
St. Kitts	38		39		34	
Trinidad and Tobago	140	3	103	7	94	7
<b>Total North America</b>	<b>8,885</b>	<b>6,368</b>	<b>9,506</b>	<b>4,675</b>	<b>9,725</b>	<b>5,453</b>
<b>South America:</b>						
Argentina	931		369		351	
Brazil	2,518		2,005		1,860	
Chile		342		317		315
Colombia	13		132		264	
Ecuador	56		40		69	
Guyana	211		285		280	
Peru	434		275		181	
Venezuela		124		336		350
<b>Total South America</b>	<b>4,163</b>	<b>466</b>	<b>3,106</b>	<b>653</b>	<b>3,005</b>	<b>665</b>
<b>Europe:</b>						
Belgium and Luxembourg	532	77	509	61	654	135
Denmark	263	21	306	16	210	28
France <sup>2</sup>	1,816	110	2,357	117	2,347	103
Germany, Fed. Rep. of	713	108	802	152	749	146
Ireland	65	53	27	24	53	23
Italy		429		210		302
Netherlands	212	75	252	48	270	68
United Kingdom	178	1,870	93	1,689	76	1,424
<b>Total EC</b>	<b>3,779</b>	<b>2,743</b>	<b>4,346</b>	<b>2,317</b>	<b>4,359</b>	<b>2,229</b>
Austria	16		29		56	
Finland	62	157	23	155	32	125
Greece	31		19		4	
Iceland		12		12		12
Malta		18		18		18
Norway		179		178		187
Portugal		264		288		225
Spain		139		31		80
Sweden	22	69	17	13	38	46
Switzerland	6	255	5	176	2	162
<b>Total Western Europe</b>	<b>137</b>	<b>1,093</b>	<b>93</b>	<b>871</b>	<b>132</b>	<b>855</b>
Albania		13		21		29
Bulgaria		215		215		60
Czechoslovakia	171	64	306	80	280	40
German Dem. Rep.	91	233	81	212	278	161
Hungary		91		59		50
Poland	271	30	282	60	102	100
Romania	164	204	92		7	6
Yugoslavia	1	85				19
<b>Total Eastern Europe</b>	<b>698</b>	<b>935</b>	<b>761</b>	<b>647</b>	<b>667</b>	<b>465</b>
<b>Total Europe</b>	<b>4,614</b>	<b>4,771</b>	<b>5,200</b>	<b>3,835</b>	<b>5,158</b>	<b>3,549</b>

See footnotes at end of table.



Table 123.—Sugar, centrifugal (raw value): International trade, by specified countries 1977-79—Continued

Continent and country	1977		1978		1979 <sup>1</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
Soviet Union	87	4,776	174	3,993	244	4,080
Africa:						
Algeria	.....	431	.....	411	.....	482
Angola	.....	55	.....	74	.....	71
Egypt	65	171	48	398	31	217
Ethiopia <sup>3</sup>	4	.....	.....	.....	15	.....
Ghana	.....	30	.....	39	.....	56
Ivory Coast	.....	18	.....	33	.....	13
Kenya	5	39	.....	44	15	11
Libya	.....	106	.....	126	.....	130
Madagascar	28	.....	24	.....	21	.....
Mauritius	637	.....	579	.....	605	.....
Morocco	.....	389	.....	294	.....	237
Mozambique	40	.....	36	.....	80	.....
Nigeria	.....	329	.....	595	.....	536
Reunion <sup>4</sup>	54	.....	47	.....	50	.....
Senegal	.....	56	.....	39	.....	48
Sierra Leone	.....	17	.....	28	.....	73
South Africa	1,384	82	719	56	724	42
Sudan	.....	151	.....	245	.....	227
Swaziland	211	.....	226	.....	236	.....
Tanzania	11	21	14	36	13	11
Tunisia	.....	170	.....	182	.....	184
Zaire	.....	26	.....	12	.....	12
Zimbabwe	60	.....	.....	.....	.....	.....
Total Africa	2,499	2,091	1,693	2,612	1,790	2,350
Asia:						
Yemen (Aden)	.....	55	.....	106	.....	47
Afghanistan	.....	50	.....	52	.....	87
China	41	1,676	39	1,438	115	985
Taiwan	599	.....	365	.....	424	.....
Cyprus	.....	17	.....	18	.....	19
Hong Kong	.....	96	.....	111	.....	117
India	276	.....	687	.....	709	.....
Indonesia	.....	237	.....	460	.....	458
Iran <sup>5</sup>	.....	277	.....	875	.....	746
Iraq	.....	480	.....	431	.....	571
Israel	.....	153	.....	195	.....	403
Japan	4	2,708	1	2,284	2	2,440
Jordan	.....	45	.....	86	.....	99
Korea, Rep. of	88	403	91	566	122	547
Kuwait	.....	51	.....	.....	.....	.....
Lebanon	.....	172	.....	78	.....	37
Malaysia, West	22	336	16	398	16	427
Philippines	2,443	.....	1,142	.....	1,150	.....
Singapore	17	132	8	110	15	121
Sri Lanka	.....	100	.....	176	.....	245
Syria	.....	124	.....	182	.....	57
Thailand	1,657	.....	1,040	.....	1,186	.....
Turkey (Europe and Asia)	.....	.....	4	.....	4	.....
Vietnam	.....	180	.....	94	.....	124
Total Asia	5,147	7,292	3,393	7,660	3,743	7,530
Oceania:						
Australia	2,558	.....	2,482	.....	2,303	.....
Fiji	318	.....	293	.....	427	.....
New Zealand	.....	185	.....	158	.....	157
Total Oceania	2,876	185	2,775	158	2,730	157
Total	28,271	25,949	25,847	23,586	26,395	23,784

<sup>1</sup>Preliminary. <sup>2</sup>Excludes trade with French Territories. <sup>3</sup>Ethiopian calendar year. <sup>4</sup>Excludes trade with France and French Territories. <sup>5</sup>Iranian calendar year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 124.—Sugar (raw and refined): Average price per pound at specified markets, 1966–80**

Year	Wholesale price, cane sugar				Year	Wholesale price, cane sugar			
	Raw, 96° centrifugal			Retail price, granulated: United States <sup>4</sup>		Raw, 96° centrifugal			Retail price, granulated: United States <sup>4</sup>
	Caribbean ports, f.o.b. and stowed <sup>1</sup>	New York, c.i.f. duty paid <sup>2</sup>	Re-fined: New York <sup>3</sup>			Caribbean ports, f.o.b. and stowed <sup>1</sup>	New York, c.i.f. duty paid <sup>2</sup>	Re-fined: New York <sup>3</sup>	
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1966	1.86	7.0	10.36	12.0	1974	29.99	29.5	34.35	32.3
1967	1.99	7.3	10.62	12.1	1975	20.49	22.5	31.42	37.2
1968	1.98	7.5	10.84	12.2	1976	11.58	13.3	19.20	24.0
1969	3.37	7.8	11.44	12.4	1977	8.12	11.0	17.28	21.6
1970	3.75	8.1	11.97	13.0	1978	7.81	13.9	20.87	23.7
1971	4.52	8.5	12.48	13.6	1979	9.65	15.6	23.20	24.9
1972	7.43	9.1	13.09	13.9	1980	29.01	30.1	40.99	42.7
1973	9.61	10.3	14.07	15.1					

<sup>1</sup> For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot for sugar to a Caribbean basis in U.S. dollars.

<sup>2</sup> For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot to a Caribbean basis in U.S. dollars, and adding freight, insurance, and applicable U.S. duties and fees.

<sup>3</sup> F.o.b.-basis list prices in 100 pound bags, not delivered prices. To obtain delivered prices, add "freight prepays" and deduct discounts and allowances.

<sup>4</sup> Calendar 1978 and 1979 only, derived by using the Bureau of Labor Statistics consumer price index (all-urban, unadjusted) for Sugar and Artificial Sweeteners.

Economic Research Service. Compiled from the following sources: (New York) Coffee, Sugar & Cocoa Exchange; Lamborn Sugar Market Report; and U.S. Department of Labor, Bureau of Labor Statistics.

**Table 125.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1978–80<sup>1</sup>**

Country of origin	1978	1979	1980 <sup>2</sup>	Country of origin	1978	1979	1980 <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>
North and South America, including Caribbean area:				Africa:			
Argentina	156	192	141	Mauritius	53	76	75
Barbados	16	43	55	Mozambique	9	79	109
Brazil	463	1,173	759	South Africa	0	118	125
Colombia	61	13	177	Swaziland	62	80	89
Costa Rica	27	69	73	Other Africa	21	61	80
Dominican Republic	590	724	520	Total	145	414	478
Ecuador	12	85	51	Asia and Oceania:			
El Salvador	126	138	188	Australia	177	74	237
Guatemala	139	146	155	Philippines	803	334	348
Guyana	27	42	66	Other Asia and Oceania	104	146	124
Mexico	21	66	( <sup>3</sup> )	Total	1,084	554	709
Nicaragua	77	99	68	Europe	76	3	( <sup>3</sup> )
Panama	122	139	144	World total	3,616	4,436	3,801
Peru	166	174	48				
Other America	308	362	280				
Total	2,311	3,465	2,614				

<sup>1</sup> Includes raw sugar imports and refined sugar imports converted to raw basis.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 500 tons.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 126.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1978-80<sup>1</sup>**

Country of destination	1978	1979	1980 <sup>2</sup>	Country of destination	1978	1979	1980 <sup>2</sup>
North America, including Caribbean areas:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Bahamas	757	1,516	4,481	Soviet Union	0	0	8,180
Canada	3,076	3,767	13,121	Africa:			
Jamaica	76	1,366	3,265	Algeria	0	0	23,631
Leeward and Windward Islands	80	682	3,355	Egypt	3	3	23,687
Mexico	148	211	209,267	Guinea	192	246	0
Netherlands Antilles	2,868	3,901	5,191	Nigeria	1,024	0	0
Trinidad and Tobago	1	1	20,852	Other	82	39	113
Other	279	366	747	Total	1,301	288	47,431
Total	7,285	11,810	260,279	Asia and Oceania:			
South America:				Jordan	0	0	14,011
Chile	3	0	69,149	Iraq	4	0	12,359
Peru	0	0	48,697	Saudi Arabia	336	440	240
Venezuela	35	4	85,056	Syria	22	0	14,876
Other	29	15	22	Trust Terr. of Pacific Is.	1,084	999	1,249
Total	67	19	202,924	Turkey	0	0	11,799
Europe:				Other countries	361	286	250
Iceland	2,012	1	53	Total	1,807	1,725	54,784
Netherlands	462	40	2	World total	13,427	14,308	587,048
Portugal	6	35	13,083				
Sweden	233	193	169				
Other	254	197	143				
Total	2,967	466	13,450				

<sup>1</sup> Includes raw sugar exports and refined sugar exports converted to raw basis.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 127.—Maple sirup and sugar: Production, farm disposition, season average price received by farmers, and value, United States, 1966-80<sup>1</sup>**

Year	Production		Disposition on farms where produced		Season average price per gallon of sirup	Value of production
	Sirup	In terms of sugar <sup>2</sup>	Home use	Sold		
	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	1,476	11,808	84	1,392	4.96	7,319
1967	979	7,832	65	914	5.33	5,215
1968	983	7,864	62	921	5.48	5,391
1969	1,032	8,256	64	968	6.15	6,350
1970	1,110	8,880	71	1,039	6.83	7,575
1971	962	7,696	60	902	7.10	6,825
1972	1,099	8,792	57	1,042	8.79	9,670
1973	857	6,856	47	810	9.35	8,018
1974	1,087	8,696	70	1,017	9.90	10,768
1975	1,201	9,608	91	1,110	10.60	12,728
1976	927	7,416	84	843	11.50	10,638
1977	1,221	9,768	73	1,148	12.00	14,661
1978	1,154	9,232	77	1,077	12.90	14,854
1979	1,219	9,752	67	1,152	14.10	17,239
1980	973	7,784	80	893	16.20	15,779

<sup>1</sup> Includes sirup later made into sugar. Does not include production on non-farm lands in Somerset County, Maine.<sup>2</sup> Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.

Statistical Reporting Service.

**Table 128.—Maple sirup: Production, by States, 1978-80<sup>1</sup>**

State	Sirup made			State	Sirup made		
	1978	1979	1980		1978	1979	1980
	<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>	<i>1,000 gallons</i>
Maine .....	7	9	5	Pa .....	42	57	56
Mass .....	28	30	18	Vt .....	410	465	315
Mich .....	80	85	83	Wis .....	110	92	110
N.H .....	82	76	55				
N.Y .....	330	315	243	U.S .....	1,154	1,219	973
Ohio .....	65	90	88				

<sup>1</sup> Includes sirup later made into sugar. Does not include production on non-farm lands in Somerset County, Maine. Statistical Reporting Service.

**Table 129.—Maple sirup: Production, farm disposition, and value, by States, crop of 1980<sup>1</sup>**

State	Production	Disposition on farms where grown		Season average price per gallon	Value of —	
		Home use	Sold		Production	Sales
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine .....	5	1	4	19.80	99	79
Mass .....	18	1	17	18.40	331	313
Mich .....	83	5	78	17.10	1,419	1,334
N.H .....	55	6	49	19.80	1,089	970
N.Y .....	243	21	222	15.30	3,718	3,397
Ohio .....	88	10	78	16.60	1,461	1,295
Pa .....	56	2	54	15.30	857	826
Vt .....	315	24	291	16.40	5,166	4,772
Wis .....	110	10	100	14.90	1,639	1,490
U.S .....	973	80	893	16.20	15,779	14,476

<sup>1</sup> Includes sirup later made into sugar. Does not include quantities produced on non-farm lands in Somerset County, Maine.

Statistical Reporting Service.

**Table 130.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, and average price per pound received by beekeepers, United States, 1966–80**

Year	Number of colonies	Honey yield per colony	Production		Prices	
			Honey	Beeswax	All honey	Beeswax
			<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>
	<i>Thousands</i>	<i>Pounds</i>				
1966	4,646	52.0	241,576	4,615	17.4	46.5
1967	4,635	46.6	215,780	4,386	15.6	58.8
1968	4,539	42.2	191,391	3,797	16.9	61.6
1969	4,433	60.3	267,485	5,171	17.5	61.1
1970	4,285	51.7	221,712	4,374	17.4	60.2
1971	4,107	48.2	197,826	3,597	21.8	61.3
1972	4,085	52.8	215,607	3,997	30.2	62.1
1973	4,124	58.0	239,089	4,251	44.4	74.4
1974	4,210	44.6	187,855	3,450	51.0	114.0
1975	4,206	47.4	199,179	3,405	50.5	103.0
1976	4,285	46.3	198,392	3,352	49.9	112.0
1977	4,346	41.1	178,499	3,095	53.0	158.0
1978	4,081	56.5	230,483	3,933	54.5	174.0
1979	4,155	57.2	237,764	3,757	59.0	175.0
1980	4,140	48.2	199,583	3,903	61.4	183.0

Statistical Reporting Service.

**Table 131.—Honey: United States imports for consumption, by country of origin, 1978–80**

Continent and country of origin	1978	1979	1980 <sup>1</sup>	Continent and country of origin	1978	1979	1980 <sup>1</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>
North America:				Europe:			
Canada	3,972	4,314	7,889	Germany, Fed. Rep. of	29	19	19
Dominican Republic	576	581	438	Greece	20	14	11
El Salvador	155	300	38	Netherlands	4	1	2
Guatemala	76	293	1	Spain	1	13	0
Honduras	164	242	59	United Kingdom	24	16	23
Mexico	8,322	9,222	3,822	Other countries	18	11	46
Other countries	117	37	4	Total	96	74	101
Total	13,382	14,989	12,251	Asia and Oceania:			
South America:				Australia	23	242	22
Argentina	6,982	400	623	China	301	8,182	7,919
Brazil	3,982	2,110	826	New Zealand	39	9	36
Chile	170	25	0	Other countries	25	183	377
Colombia	100	225	33	Total	388	8,616	8,354
Venezuela	186	15	0	Total	25,384	26,570	22,247
Other countries	99	116	59				
Total	11,519	2,891	1,541				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 132.—Honey: Colonies of bees, yield per colony, production and price of honey and beeswax, by States, 1979

State	1979					
	Number of colonies <sup>1</sup>	Honey yield per colony	Production		Price per pound	
			Honey	Beeswax	All honey	Beeswax
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>
Ala . . . . .	45	20	900	23	0.615	1.73
Ariz . . . . .	65	58	3,770	38	497	1.70
Ark . . . . .	35	45	1,575	27	515	1.84
Calif . . . . .	504	34	17,136	291	481	1.87
Colo . . . . .	39	67	2,613	52	606	1.73
Conn . . . . .	8	36	288	7	1.10	1.60
Del . . . . .	4	32	128	4	.742	2.04
Fla . . . . .	360	78	28,080	337	528	1.70
Ga . . . . .	161	39	6,279	63	508	1.86
Hawaii . . . . .	7	130	910	15	472	1.80
Idaho . . . . .	101	54	5,454	82	543	1.79
Ill . . . . .	36	59	2,124	32	.767	1.79
Ind . . . . .	75	36	2,700	54	.846	1.87
Iowa . . . . .	83	75	6,225	118	.564	1.64
Kans . . . . .	40	50	2,000	40	.672	1.80
Ky . . . . .	52	33	1,716	31	.915	1.71
La . . . . .	31	40	1,240	19	.511	1.89
Maine . . . . .	5	34	170	3	.689	1.60
Md . . . . .	14	35	490	11	.857	2.04
Mass . . . . .	12	33	396	6	.831	1.60
Mich . . . . .	106	61	6,466	84	.635	1.84
Minn . . . . .	149	99	14,751	266	.543	1.89
Miss . . . . .	49	30	1,470	34	.676	1.75
Mo . . . . .	124	64	7,936	63	.909	1.50
Mont . . . . .	103	128	13,184	224	.577	1.64
Nebr . . . . .	130	40	5,200	104	.482	1.74
Nev . . . . .	12	35	420	6	.603	1.89
N.H . . . . .	4	28	112	3	.906	1.60
N.J . . . . .	34	40	1,360	27	.776	1.57
N. Mex . . . . .	14	36	504	7	.616	1.35
N.Y . . . . .	113	62	7,006	119	.551	1.74
N.C . . . . .	180	30	5,400	113	.669	1.42
N. Dak . . . . .	190	120	22,800	365	.519	1.83
Ohio . . . . .	83	31	2,573	46	.672	1.62
Okla . . . . .	55	50	2,750	47	.908	1.52
Oreg . . . . .	57	37	2,109	34	.584	1.65
Pa . . . . .	74	41	3,034	58	.643	1.91
R.I . . . . .	1	34	34	1	1.06	1.60
S.C . . . . .	59	20	1,180	24	.838	1.66
S. Dak . . . . .	204	85	17,340	277	.528	1.72
Tenn . . . . .	135	23	3,105	68	1.04	1.41
Tex . . . . .	190	60	11,400	194	.508	1.86
Utah . . . . .	46	48	2,208	38	.585	1.77
Vt . . . . .	9	42	378	5	1.17	1.60
Va . . . . .	78	28	2,184	39	.740	1.79
Wash . . . . .	80	38	3,040	40	.540	1.68
W. Va . . . . .	104	34	3,536	35	1.05	2.00
Wis . . . . .	135	65	8,775	123	.576	1.81
Wyo . . . . .	39	85	3,315	60	.528	1.88
U.S . . . . .	4,155	57.2	237,764	3,757	.590	1.75

<sup>1</sup> Sum of State totals exceed the U.S. total because of duplication of colonies between States.

Statistical Reporting Service.

Table 133.—Honey: Colonies of bees, yield per colony, production and price of honey and beeswax, by States, 1980

State	1980					
	Number of colonies <sup>1</sup>	Honey yield per colony	Production		Price per pound	
			Honey	Beeswax	All honey	Beeswax
	<i>Thou-</i> <i>sands</i>	<i>Pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	44	36	1,584	32	0.670	1.76
Ariz	70	66	4,620	92	.543	1.60
Ark	32	46	1,472	28	.560	1.81
Calif	504	46	23,184	556	.500	1.68
Colo	45	52	2,340	47	.640	1.81
Conn	8	24	192	5	1.03	1.84
Del	4	25	100	3	1.02	2.10
Fla	350	58	20,300	345	.520	1.82
Ga	161	26	4,186	59	.560	1.86
Hawaii	7	123	861	20	.496	1.72
Idaho	109	36	3,924	71	.540	1.87
Ill	38	49	1,862	43	.860	1.89
Ind	76	38	2,888	69	.844	1.79
Iowa	85	74	6,290	113	.600	1.85
Kans	43	50	2,150	39	.577	1.82
Ky	52	27	1,404	35	.953	1.58
La	31	55	1,705	34	.500	1.84
Maine	5	19	95	2	.831	1.84
Md	14	30	420	10	.832	2.06
Mass	12	24	288	6	1.02	1.85
Mich	102	43	4,386	101	.613	1.84
Minn	180	76	13,680	246	.530	1.90
Miss	45	35	1,575	30	.700	1.85
Mo	124	53	6,572	112	.830	1.78
Mont	103	104	10,712	214	.560	1.90
Nebr	120	64	7,680	108	.550	1.90
Nev	11	60	660	13	.720	1.67
N.H	4	17	68	2	1.01	1.84
N.J	43	33	1,419	34	1.07	2.16
N. Mex	13	32	416	8	.578	1.10
N.Y	117	43	5,031	101	.636	1.93
N.C	170	30	5,100	133	.900	1.86
N. Dak	220	65	14,300	257	.528	1.95
Ohio	82	30	2,460	49	.782	1.66
Okla	44	45	1,980	40	1.05	1.69
Oreg	58	34	1,972	34	.610	1.80
Pa	80	41	3,280	63	.700	1.95
R.I	1	26	26	1	1.14	1.85
S.C	57	24	1,368	31	.980	1.91
S. Dak	184	44	8,096	162	.520	1.89
Tenn	145	30	4,350	87	.940	1.83
Tex	198	35	6,930	125	.560	1.82
Utah	46	33	1,518	38	.581	1.73
Vt	9	28	252	3	.963	1.84
Va	77	19	1,463	31	.964	1.78
Wash	85	42	3,570	68	.570	1.97
W. Va	67	29	1,943	31	1.15	2.10
Wis	125	48	6,000	114	.580	1.86
Wyo	41	71	2,911	58	.550	1.97
U.S	4,140	48.2	199,583	3,903	.614	1.83

<sup>1</sup> Sum of State totals exceed the U.S. total because of duplication of colonies between States.

Statistical Reporting Service.

**Table 134.—Honey and beeswax: Average wholesale prices for specified types and locations, 1971–80<sup>1</sup>**

Item and location	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
EXTRACTED HONEY, PER POUND <sup>2</sup>										
Florida Extra Light Amber to Water White, Orange <sup>3</sup> . . . . .	<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>
California:										
Extra Light Amber to Water White, Orange <sup>4</sup> . . . . .	20.0	31.2	36.0	40.0	40.5	39.3	40.6	45.1	50.2	49.7
Light Amber to Extra Light Amber, Alfalfa . . . . .	19.8	30.7	36.5	42.1	41.2	41.0	43.5	44.1	49.5	47.3
Western States:										
White to Water White, Clover and Alfalfa . . . . .	20.0	28.9	43.0	41.4	39.8	37.3	39.4	45.3	47.9	47.1
New York and North Central States:										
White to Water White, Clover and Alfalfa . . . . .	18.5	29.9	45.3	48.3	44.2	44.3	44.3	45.5	51.6	53.3
White to Water White, Clover and Alfalfa . . . . .	19.0	31.2	40.8	47.1	45.8	44.2	44.5	45.8	51.2	52.4
BEESWAX, PER POUND <sup>5</sup>										
California . . . . .	58.9	59.9	68.9	108.9	107.8	114.4	155.7	168.8	164.5	176.3
North Central States . . . . .	63.5	68.7	72.9	111.2	98.4	122.8	168.2	171.4	168.8	176.6
Florida and Georgia . . . . .	61.8	65.2	73.7	115.3	93.7	111.1	160.0	181.8	165.9	174.2

<sup>1</sup> Simple average of average monthly prices, 1971–74; weighted average of monthly prices, 1975–80.

<sup>2</sup> Except where otherwise stated, price to beekeepers for bulk unprocessed honey, f.o.b. shipping point or delivered nearby market.

<sup>3</sup> Extra Light Amber to White 1971–79.

<sup>4</sup> White to Water White 1971–79.

<sup>5</sup> "Dark" or lighter beeswax price to beekeepers, f.o.b. shipping point or delivered nearby market.

Agricultural Marketing Service.

**Table 135.—Beeswax, crude: United States imports for consumption, by country of origin, 1978–80**

Continent and country of origin	1978	1979	1980 <sup>1</sup>	Continent and country of origin	1978	1979	1980 <sup>1</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>
North America:				Europe:			
Canada . . . . .	194	78	111	France . . . . .	0	5	( <sup>2</sup> )
Dominican Republic . . . . .	150	174	159	Other countries . . . . .	0	( <sup>2</sup> )	( <sup>2</sup> )
Haiti . . . . .	22	16	15	Asia and Oceania:			
Mexico . . . . .	121	160	234	Australia . . . . .	0	3	5
Other countries . . . . .	0	0	0	China . . . . .	6	10	2
South America:				New Zealand . . . . .	0	0	0
Brazil . . . . .	190	122	149	Other countries . . . . .	2	2	1
Chile . . . . .	215	152	193	Total . . . . .	1,067	836	988
Other countries . . . . .	15	0	0				
Africa:							
Egypt . . . . .	15	0	3				
Ethiopia . . . . .	137	114	86				
Other countries . . . . .	0	0	30				

<sup>1</sup> Preliminary.

<sup>2</sup> Less than 1 metric ton.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 136.—Edible sirups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1966-80

Year	Production <sup>1</sup>							Imports			
	Sirups					Honey	Total	Maple sirup	Edible molasses and cane sirup <sup>3</sup>	Honey	Total
	Corn	Cane	Maple <sup>2</sup>	Re-refiners	Edible molasses						
	<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>	<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>	<i>1,000 gallons</i>
1966	252,337	2,923	1,476	2,493	2,563	20,403	282,195	938	3,061	806	4,805
1967	255,860	2,121	979	2,402	2,477	18,225	282,064	1,147	1,065	1,416	3,628
1968	274,000	2,346	983	2,561	2,466	16,165	298,521	988	3,732	1,427	6,147
1969	282,000	2,661	1,032	2,235	2,532	22,591	313,051	1,185	2,266	1,244	4,695
1970	292,000		1,110	1,695	2,121	18,726	315,652	956	2,165	749	3,870
1971	304,000		962	1,883	2,517	16,708	326,070	577	2,470	967	4,014
1972	387,880		1,099	2,077	2,290	18,210	411,556	710	1,694	3,291	5,695
1973	451,264		857	2,309	1,926	20,193	476,549	803	2,935	900	4,638
1974	498,313		1,087	2,564	1,559	15,866	519,389	801	2,508	2,196	5,505
1975	561,215		1,207	2,482	2,114	16,823	583,841	607	2,483	3,917	7,007
1976	615,498		927	2,403	2,574	16,756	638,158	886	3,188	5,608	9,682
1977	695,196		1,221	2,197	2,538	15,076	716,228	867	1,773	5,396	8,036
1978	751,809		1,154	2,571	2,750	19,466	777,750	811	2,077	4,727	7,615
1979	845,741		1,219	2,524	2,900	20,081	872,465	857	2,944	4,947	8,748
1980 <sup>5</sup>	941,056		973	1,983	1,900	16,857	962,769	855	3,737	4,142	8,734

  

Year	Exports			Indicated domestic consumption				
	Corn sirup	Honey	Total	Sirups			Honey	Total
				Corn	Maple	Cane and refiners sirup and edible molasses		
	<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>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1966	1,038	1,219	2,257	251,299	2,414	11,040	19,990	284,743
1967	1,113	986	2,099	254,747	2,126	8,065	18,655	283,593
1968	1,541	684	2,225	272,459	1,971	11,105	16,908	302,443
1969	2,169	833	3,002	279,831	2,217	9,694	23,002	314,744
1970	1,324	689	2,013	290,676	2,066	5,981	18,717	317,510
1971	1,324	639	1,963	302,676	1,539	6,870	17,035	328,120
1972	1,205	346	1,551	386,675	1,809	6,061	21,155	415,700
1973	1,377	1,485	2,861	449,887	1,660	7,170	19,609	478,326
1974	1,736	386	2,122	496,577	1,888	6,631	17,676	522,772
1975	1,070	337	1,407	560,145	1,814	7,079	20,403	588,441
1976	1,674	396	2,070	613,824	1,813	8,165	21,968	645,770
1977	1,543	466	2,009	693,653	2,088	6,508	20,006	722,255
1978	1,694	679	2,373	750,115	1,965	7,398	23,514	782,992
1979	1,207	747	1,954	844,534	2,076	8,368	24,281	879,259
1980 <sup>5</sup>	3,498	722	4,220	937,558	1,828	7,620	20,277	967,283

<sup>1</sup> Production of cane sirup and edible molasses is of the fall of the preceding year. Cane sirup discontinued beginning 1970.

<sup>2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.

<sup>3</sup> U.S. Department of Commerce molasses and sugar sirups series.

<sup>4</sup> Unofficial estimates, 1968-71 and 1978-79; estimates for 1972-1977 from U.S. International Trade Commission Publication 881, April 1978. Corn sirup production includes high-fructose corn sirup beginning 1972.

<sup>5</sup> Preliminary.

Economic Research Service.

**Table 137.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1966–80**

Year	Production in mainland areas						Shipments from offshore domestic areas		
	Mainland cane	Domestic beet	Refiners' blackstrap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
	<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>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1966	82,952	113,755	39,443	9,788	23,125	269,063	60,271	8,124	68,395
1967	97,206	99,826	37,936	17,291	20,400	272,659	55,662	5,619	61,281
1968	87,121	136,694	46,113	9,063	21,000	299,991	66,157	7,008	73,165
1969	74,139	155,700	42,700	13,732	21,000	307,271	48,430	4,778	53,208
1970	86,037	160,100	46,600	11,808	22,000	326,545	56,937	3,193	60,130
1971	88,609	161,159	43,474	10,215	22,000	325,457	50,111	1,452	51,563
1972	125,593	166,584	39,142	8,308	22,500	362,127	55,759	6,785	62,544
1973	112,360	158,138	44,900	9,837	23,000	348,235	51,025	.....	51,025
1974	102,078	155,916	45,000	10,588	23,500	337,082	44,163	2,374	46,537
1975	125,430	188,175	45,000	10,178	24,500	393,283	49,349	.....	49,349
1976	131,746	157,996	50,312	5,802	37,000	382,856	46,808	82	46,890
1977	114,330	167,079	50,668	5,183	39,700	376,960	42,144	.....	42,144
1978	106,730	140,231	44,558	4,250	41,888	337,457	51,589	.....	51,589
1979	107,389	164,581	39,049	3,463	40,318	354,800	57,537	.....	57,537
1980 <sup>1</sup>	113,369	169,979	34,655	6,322	39,726	364,051	48,402	.....	48,402

  

Year	United States imports from foreign countries					Mainland exports <sup>2</sup>	Total market supplies available
	Brazil	Dominican Republic	Mexico	Other	Total		
	<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>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1966	.....	47,533	99,312	167,312	314,157	1,586	650,029
1967	19,935	40,171	130,705	159,737	350,548	996	683,492
1968	17,862	28,914	94,335	226,980	368,091	3,077	738,170
1969	20,136	44,363	112,481	184,683	361,663	2,992	719,150
1970	32,633	34,325	81,387	233,514	381,859	1,447	767,087
1971	37,071	27,293	105,878	229,522	399,764	1,718	775,066
1972	42,944	45,871	116,437	201,594	406,846	3,082	828,435
1973	52,733	45,007	119,232	186,342	403,314	4,680	797,894
1974	62,061	31,395	110,726	180,095	384,277	12,645	755,251
1975	31,148	24,389	74,445	173,304	303,286	6,310	739,608
1976	45,798	27,513	79,810	258,073	411,194	11,215	829,725
1977	30,937	10,667	88,857	217,187	347,648	22,892	743,860
1978	9,220	12,895	97,606	151,289	271,010	20,290	639,766
1979	9,612	16,362	64,761	140,979	231,714	19,287	624,764
1980 <sup>1</sup>	5,214	23,791	33,867	77,467	140,339	23,656	529,136

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include exports from Hawaii and Puerto Rico.

Agricultural Marketing Service.

Table 138.—Tobacco: Area, yield, production, and value, United States, 1966–80

Year	Area harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966	971,890	1,939	1,884,627	70.9	1,252,351
1967	959,770	2,050	1,967,911	66.8	1,315,500
1968	879,280	1,945	1,710,348	69.5	1,188,610
1969	918,320	1,964	1,803,272	71.8	1,295,535
1970	898,330	2,122	1,906,453	72.9	1,389,311
1971	837,590	2,035	1,704,884	78.6	1,339,644
1972	842,420	2,076	1,749,085	83.0	1,451,275
1973	886,590	1,965	1,742,105	90.1	1,569,440
1974	962,620	2,067	1,989,728	108.6	2,159,875
1975	1,086,650	2,008	2,182,304	102.6	2,238,288
1976	1,046,920	2,041	2,136,674	112.5	2,404,337
1977	965,800	1,982	1,914,129	118.6	2,270,360
1978	963,730	2,101	2,024,820	132.4	2,679,967
1979	827,200	1,845	1,526,549	141.1	2,153,958
1980 <sup>2</sup>	914,620	1,945	1,778,997	152.3	2,709,133

<sup>1</sup> Production figures are on farm-sales-weight basis.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 139.—Tobacco: Area, yield, and production, by States, 1978–80

State	Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
Ala	590	500	510	1,870	1,650	1,620	1,103	825	826
Conn	3,200	3,200	3,500	1,547	1,539	1,601	4,950	4,925	5,602
Fla	10,500	10,300	10,300	2,100	2,250	1,975	22,050	23,175	20,343
Ga	61,000	53,000	55,000	2,060	1,905	2,010	125,660	100,965	110,550
Ind	6,600	6,100	7,300	2,350	1,950	2,300	15,510	11,895	16,790
Ky	194,500	173,700	200,900	2,415	1,976	2,075	469,658	343,145	416,962
La	130	80	80	900	700	700	117	56	56
Md	24,000	19,500	21,000	1,275	1,130	1,075	30,600	22,035	22,575
Mass	1,030	990	1,180	1,416	1,500	1,582	1,458	1,485	1,867
Mo	2,400	2,500	2,500	2,280	2,405	2,105	5,472	6,013	5,263
N.C	412,100	337,800	378,800	2,062	1,840	2,011	849,731	621,426	761,705
Ohio	10,100	9,800	11,200	2,229	1,435	1,788	22,510	14,063	20,020
Pa	13,000	11,200	13,000	1,940	1,580	1,900	25,220	17,696	24,700
S.C	71,000	57,000	65,000	2,120	2,065	1,930	150,520	117,705	125,450
Tenn	66,850	60,090	64,760	2,126	1,745	1,728	142,099	104,829	111,931
Va	73,130	67,240	65,290	1,848	1,630	1,636	135,157	109,603	106,791
W.Va	1,500	1,300	1,500	1,800	1,275	1,500	2,700	1,658	2,250
Wis	12,100	12,900	12,800	1,678	1,942	1,978	20,305	25,050	25,316
U.S	963,730	827,200	914,620	2,101	1,845	1,945	2,024,820	1,526,549	1,778,997

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 140.—Tobacco: Area, yield, and production in specified countries, 1978–80

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	Hec- tares	Hec- tares	Hec- tares	Kilo- grams	Kilo- grams	Kilo- grams	Metric tons	Metric tons	Metric tons
<b>North America:</b>									
Canada .....	48,524	36,355	46,394	2,383	2,169	2,443	115,617	78,852	113,340
Costa Rica .....	1,977	1,967	2,009	1,444	1,213	1,187	2,855	2,385	2,384
Cuba .....	60,000	48,000	40,000	767	625	125	46,000	30,000	5,000
Dominican Republic .....	39,910	36,525	30,205	1,426	1,448	1,615	56,900	52,900	48,780
El Salvador .....	1,752	2,023	2,314	1,446	1,573	1,615	2,533	3,183	3,738
Guatemala .....	5,199	5,472	5,577	1,458	1,422	1,416	7,581	7,783	7,898
Haiti .....	384	384	455	805	727	846	309	279	385
Honduras .....	5,254	4,270	5,530	1,341	1,304	1,288	7,045	5,570	7,120
Jamaica .....	700	798	850	1,276	1,559	1,401	893	1,244	1,191
Mexico .....	43,900	45,000	51,000	1,526	1,689	1,412	67,000	76,000	72,000
Nicaragua .....	1,847	1,678	1,516	1,614	1,636	2,032	2,981	2,745	3,084
Panama .....	920	1,000	1,009	1,692	1,723	1,663	1,557	1,723	1,678
Trinidad-Tobago .....	95	95	90	1,684	1,684	1,556	160	160	140
United States (incl. Puerto Rico) .....	384,731	335,013	373,986	2,391	2,070	2,162	919,784	693,500	808,647
<b>Total .....</b>	<b>595,193</b>	<b>518,580</b>	<b>560,937</b>	<b>2,068</b>	<b>1,844</b>	<b>1,917</b>	<b>1,231,215</b>	<b>956,324</b>	<b>1,075,385</b>
<b>South America:</b>									
Argentina .....	62,300	64,970	52,910	997	1,040	1,207	62,125	67,583	63,844
Brazil .....	267,000	301,000	300,000	1,236	1,332	1,127	330,000	401,000	338,000
Bolivia .....	2,100	2,100	2,100	1,131	1,143	1,143	2,375	2,400	2,400
Chile .....	4,282	2,981	2,168	2,256	2,754	2,528	9,661	8,210	5,480
Colombia .....	28,980	26,398	25,669	1,639	1,538	1,603	47,490	40,600	41,150
Ecuador .....	1,681	1,499	1,775	1,484	1,702	1,894	2,484	2,552	3,361
Guyana .....	106	95	100	1,028	947	1,000	109	90	100
Paraguay .....	24,800	22,500	13,000	1,085	1,156	1,077	26,918	26,000	14,000
Peru .....	2,300	2,600	3,700	1,243	1,297	1,196	2,860	3,371	4,424
Uruguay .....	998	945	914	1,553	1,679	1,627	1,550	1,587	1,487
Venezuela .....	15,226	16,000	16,000	1,002	1,438	1,313	15,256	23,000	21,000
<b>Total .....</b>	<b>409,773</b>	<b>441,088</b>	<b>418,336</b>	<b>1,222</b>	<b>1,307</b>	<b>1,184</b>	<b>500,838</b>	<b>576,393</b>	<b>495,246</b>
<b>Europe:</b>									
Belgium .....	475	527	550	3,341	3,431	3,100	1,587	1,808	1,705
France .....	20,393	19,788	18,638	2,475	2,564	2,644	50,466	50,640	49,277
Germany, Fed. Rep. of .....	3,585	3,390	3,362	2,104	2,514	2,550	7,544	8,522	8,573
Italy .....	58,110	59,995	60,000	1,887	2,272	2,083	109,558	136,325	125,000
<b>Total EC .....</b>	<b>82,563</b>	<b>83,700</b>	<b>82,550</b>	<b>2,050</b>	<b>2,358</b>	<b>2,236</b>	<b>169,255</b>	<b>197,295</b>	<b>184,555</b>
<b>Western Europe:</b>									
Austria .....	262	258	260	1,450	1,550	2,154	380	400	560
Canary Islands .....	100	40	50	1,420	1,250	1,200	142	50	60
Greece .....	104,083	95,158	90,840	1,251	1,351	1,248	130,166	128,596	113,400
Portugal (incl. Azores) .....	734	835	1,011	1,669	1,641	1,741	1,225	1,370	1,760
Spain .....	16,222	18,392	20,955	1,835	1,896	1,806	29,775	34,871	37,842
Switzerland .....	721	727	730	1,942	2,407	2,404	1,400	1,750	1,755
<b>Total Western Europe .....</b>	<b>204,685</b>	<b>199,110</b>	<b>196,396</b>	<b>1,646</b>	<b>1,830</b>	<b>1,731</b>	<b>332,343</b>	<b>364,332</b>	<b>339,932</b>
<b>Eastern Europe:</b>									
Albania .....	24,000	24,000	24,000	542	542	542	13,000	13,000	13,000
Bulgaria .....	124,000	115,410	115,000	1,098	1,360	1,348	136,200	157,000	155,000
Czechoslovakia .....	3,500	3,700	3,600	1,543	1,189	1,399	5,400	4,400	5,000
Germany, Dem. Rep. of .....	2,900	3,200	3,900	1,724	1,885	1,833	5,000	6,033	5,500
Hungary .....	18,000	14,500	16,500	1,317	1,241	1,333	23,700	18,000	22,000
Poland .....	43,749	42,970	51,136	1,347	1,725	1,662	58,948	74,144	85,000
Romania .....	50,100	50,000	50,000	818	900	800	41,000	45,000	40,000
Yugoslavia .....	55,692	58,753	58,000	1,134	1,140	969	63,159	67,000	56,200
<b>Total Eastern Europe .....</b>	<b>321,941</b>	<b>312,533</b>	<b>321,236</b>	<b>1,056</b>	<b>1,231</b>	<b>1,188</b>	<b>346,407</b>	<b>384,577</b>	<b>381,700</b>
<b>Total Europe .....</b>	<b>526,626</b>	<b>511,643</b>	<b>517,632</b>	<b>1,289</b>	<b>1,464</b>	<b>1,394</b>	<b>678,750</b>	<b>748,909</b>	<b>721,632</b>
<b>Soviet Union .....</b>	<b>176,000</b>	<b>178,000</b>	<b>173,000</b>	<b>1,602</b>	<b>1,691</b>	<b>1,647</b>	<b>282,000</b>	<b>301,000</b>	<b>285,000</b>
<b>Africa:</b>									
Algeria .....	9,100	9,100	9,200	451	451	457	4,100	4,100	4,200
Angola .....	3,000	3,750	3,950	1,000	987	987	3,000	3,700	3,900
Burundi-Rwanda .....	2,000	2,000	2,000	800	800	800	1,600	1,600	1,600
Cameroon .....	6,900	6,900	6,900	870	870	870	6,000	6,000	6,000
Congo, Republic of .....	4,100	4,100	4,100	439	439	439	1,800	1,800	1,800
Ghana .....	1,350	1,550	1,375	652	495	578	880	768	795
Ivory Coast .....	260	230	195	1,038	1,087	923	270	250	180
Kenya .....	3,260	3,008	3,280	640	959	915	2,085	2,886	3,000
Libya .....	600	600	600	1,667	1,667	1,667	1,000	1,000	1,000
Madagascar .....	5,900	5,900	5,900	898	898	898	5,300	5,300	5,300

See footnotes at end of table.

Table 140.—Tobacco: Area, yield, and production in specified countries, 1978-80—  
Continued

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Africa — Continued</b>									
Malawi . . . . .	76,610	81,000	68,834	668	792	808	51,142	64,185	55,643
Mauritius . . . . .	600	600	600	1,400	1,400	1,898	840	840	659
Morocco . . . . .	4,542	5,237	5,865	1,228	1,359	1,266	5,577	7,117	7,425
Mozambique . . . . .	2,600	2,600	2,600	1,077	1,077	1,077	2,800	2,800	2,800
Nigeria . . . . .	23,880	20,530	20,630	509	601	826	12,150	12,340	17,050
Sierra Leone . . . . .	325	530	627	1,351	911	904	439	483	567
South Africa . . . . .	46,847	39,681	34,100	967	1,238	1,116	45,279	49,141	38,048
Tanzania . . . . .	27,170	28,000	27,000	793	893	893	21,550	25,000	24,100
Tunisia . . . . .	5,500	6,000	6,000	841	775	678	4,627	4,649	4,068
Uganda . . . . .	3,000	3,000	3,000	833	833	833	2,500	2,500	2,500
Zambia . . . . .	5,600	5,500	5,500	715	909	909	4,004	5,000	5,000
Zaire . . . . .	2,250	2,484	2,400	719	753	750	1,617	1,871	1,800
Zimbabwe . . . . .	57,599	62,184	66,057	1,479	1,841	1,926	85,161	114,478	127,240
<b>Total . . . . .</b>	<b>292,993</b>	<b>294,484</b>	<b>280,713</b>	<b>907</b>	<b>1,079</b>	<b>1,121</b>	<b>263,721</b>	<b>317,808</b>	<b>314,675</b>
<b>Asia:</b>									
Bangladesh . . . . .	55,516	49,796	45,090	898	878	877	49,873	43,744	39,526
Burma . . . . .	64,000	64,000	64,000	1,172	1,172	1,172	75,000	75,000	75,000
China . . . . .	780,000	780,000	700,000	1,250	1,237	1,139	975,000	965,000	797,000
Taiwan . . . . .	8,553	8,515	8,300	2,587	2,522	2,457	22,129	21,476	20,393
Cyprus . . . . .	2,291	3,356	3,500	235	183	187	538	615	653
India . . . . .	504,400	411,000	415,000	979	1,098	964	493,600	451,200	400,000
Indonesia . . . . .	174,500	169,388	164,930	452	498	498	78,900	84,360	82,115
Iran . . . . .	13,164	13,000	12,000	1,230	1,231	1,225	16,193	16,000	14,700
Iraq . . . . .	16,500	16,500	16,500	576	576	576	9,500	9,500	9,500
Israel . . . . .	1,300	1,300	1,300	769	538	538	1,000	700	700
Japan . . . . .	63,575	62,329	60,777	2,705	2,459	2,438	171,965	153,262	148,146
Jordan . . . . .	3,587	4,930	5,200	379	262	429	1,360	1,291	2,230
Kampuchea . . . . .	14,000	14,000	12,000	629	629	608	8,800	8,800	7,300
Korea, Dem. Peo. Rep. of . . . . .	30,000	30,000	30,000	833	833	833	25,000	25,000	25,000
Korea, Rep. of . . . . .	64,410	55,700	45,873	2,085	2,004	2,055	134,316	111,600	94,290
Laos . . . . .	7,000	7,000	7,000	586	586	586	4,100	4,100	4,100
Lebanon . . . . .	4,000	4,000	4,000	1,050	1,175	1,200	4,200	4,700	4,800
Malaysia . . . . .	12,870	15,678	16,000	715	593	600	9,204	9,300	9,600
Pakistan . . . . .	55,155	45,088	48,154	1,383	1,550	1,564	76,274	69,872	75,329
Philippines . . . . .	104,000	96,433	92,765	762	885	814	79,245	85,321	75,492
Singapore . . . . .	360	360	392	1,917	1,656	1,658	690	596	650
Sri Lanka . . . . .	17,514	18,607	18,000	936	932	972	16,401	17,345	17,500
Syria . . . . .	14,300	15,000	15,000	804	867	867	11,500	13,000	13,000
Thailand . . . . .	152,040	151,520	152,000	535	548	566	81,350	83,000	86,000
Turkey . . . . .	304,194	223,253	300,000	947	960	887	288,186	214,317	266,000
Vietnam . . . . .	15,500	16,000	16,000	1,355	1,438	1,438	21,000	23,000	23,000
<b>Total . . . . .</b>	<b>2,482,729</b>	<b>2,276,753</b>	<b>2,253,781</b>	<b>1,069</b>	<b>1,095</b>	<b>1,017</b>	<b>2,655,324</b>	<b>2,492,099</b>	<b>2,292,024</b>
<b>Oceania</b>									
Australia . . . . .	8,530	7,848	8,750	1,765	1,867	1,787	15,055	14,649	15,640
New Zealand . . . . .	1,895	1,709	1,630	1,880	2,194	2,221	3,562	3,750	3,620
<b>Total . . . . .</b>	<b>10,425</b>	<b>9,557</b>	<b>10,380</b>	<b>1,786</b>	<b>1,925</b>	<b>1,855</b>	<b>18,617</b>	<b>18,399</b>	<b>19,260</b>
<b>World Total . . . . .</b>	<b>4,493,739</b>	<b>4,230,105</b>	<b>4,214,779</b>	<b>1,253</b>	<b>1,279</b>	<b>1,235</b>	<b>5,630,465</b>	<b>5,410,932</b>	<b>5,203,222</b>

<sup>1</sup>Preliminary.

<sup>2</sup>Production figures on farm-sales-weight basis, which is about 10 percent above dry-weight figures normally reported in trade statistics.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1972-80 (farm-sales-weight basis)

Type and crop year	Area	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total flue-cured, types 11-14:</b>	<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>
1972	513,620	1,971	1,012,417	1,910,176	2,932,256	<sup>3</sup> 1,182,962	518,810	664,152	85.3
1973	575,130	2,011	1,156,659	1,749,294	2,908,286	<sup>3</sup> 1,301,002	598,048	702,954	88.1
1974	616,330	2,014	1,241,327	1,607,284	2,905,953	<sup>3</sup> 1,200,428	548,293	652,135	105.0
1975	717,200	1,973	1,415,035	1,651,965	3,067,000	<sup>3</sup> 1,193,078	522,454	670,624	99.8
1976	666,640	1,974	1,316,257	1,898,281	3,214,538	<sup>3</sup> 1,148,233	514,228	634,005	110.4
1977	595,250	1,899	1,130,460	2,074,975	3,205,435	<sup>3</sup> 1,147,254	539,069	608,185	117.6
1978	602,090	2,046	1,231,643	2,051,906	3,283,549	<sup>3</sup> 1,182,955	598,669	584,286	135.0
1979	502,800	1,881	945,775	2,074,828	3,020,603	<sup>3</sup> 1,083,205	520,000	563,205	140.5
1980 <sup>4</sup>	511,810	1,968	1,085,697	1,965,386	3,051,083	.....	.....	.....	144.5
<b>Total fire-cured, types 21-23:</b>									
1972	25,190	1,677	42,248	64,481	106,729	41,844	26,363	15,481	58.1
1973	21,320	1,566	33,385	64,885	98,270	46,070	28,661	17,409	72.3
1974	21,190	1,504	31,867	52,200	84,067	35,990	20,791	15,199	91.2
1975	23,380	1,601	37,435	48,077	85,512	35,489	21,927	13,562	103.2
1976	26,500	1,453	38,516	50,023	88,539	40,646	27,503	13,143	138.9
1977	32,760	1,598	52,366	47,893	100,259	40,581	20,433	20,148	127.3
1978	33,200	1,755	58,260	59,678	117,938	41,937	25,820	16,117	110.4
1979	26,890	1,674	45,005	76,001	121,006	43,728	22,463	21,265	114.3
1980 <sup>4</sup>	23,370	1,540	35,986	77,278	113,264	.....	.....	.....	138.3
<b>Virginia fire-cured, type 21:</b>									
1972	4,800	970	4,656	8,266	12,922	5,294	4,066	1,228	64.2
1973	4,700	1,205	5,664	7,628	13,292	6,191	4,455	1,736	75.5
1974	5,000	1,185	5,925	7,101	13,026	5,697	4,986	711	81.7
1975	5,000	975	4,875	7,329	12,204	4,766	3,381	1,385	93.0
1976	5,300	1,000	5,300	7,438	12,738	6,080	4,095	1,985	118.0
1977	7,200	1,000	7,200	6,658	13,858	5,189	2,409	2,780	96.3
1978	6,100	1,120	6,832	8,669	15,501	4,604	3,648	956	94.5
1979	4,800	1,135	5,448	10,897	16,345	7,082	3,788	3,294	107.9
1980 <sup>4</sup>	4,000	1,000	4,000	9,263	13,263	.....	.....	.....	128.1
<b>Kentucky and Tennessee fire-cured, types 22-23:</b>									
1972	20,390	1,844	37,592	56,215	93,807	36,550	22,297	14,253	57.3
1973	16,620	1,668	27,721	57,257	84,978	39,879	24,206	15,673	71.7
1974	16,190	1,734	25,942	45,099	71,041	30,293	15,805	14,488	93.4
1975	16,380	1,772	32,560	40,748	73,308	30,723	18,546	12,177	104.7
1976	21,200	1,567	33,216	42,585	75,801	34,566	23,408	11,158	142.2
1977	25,560	1,767	45,166	41,235	86,401	35,392	18,024	17,368	132.3
1978	27,100	1,898	51,428	51,009	102,437	37,333	22,172	15,161	113.6
1979	22,090	1,791	39,557	65,104	104,661	36,646	18,675	17,971	115.2
1980 <sup>4</sup>	19,370	1,651	31,986	68,015	100,001	.....	.....	.....	139.4
<b>Burley, type 31:</b>									
1972	235,550	2,552	601,006	1,248,469	1,849,475	<sup>3</sup> 609,629	75,616	534,013	79.2
1973	222,100	2,028	450,416	1,229,175	1,679,591	<sup>3</sup> 619,223	86,759	532,464	92.9
1974	260,750	2,350	612,649	1,070,665	1,683,314	<sup>3</sup> 586,718	67,902	518,816	113.7
1975	282,150	2,265	639,056	1,094,385	1,733,441	<sup>3</sup> 602,271	92,422	509,849	105.5
1976	285,800	2,376	678,976	1,160,102	1,839,078	<sup>3</sup> 617,428	116,835	500,593	114.1
1977	268,600	2,298	617,280	1,217,225	1,834,505	<sup>3</sup> 611,318	116,489	494,829	120.0
1978	261,000	2,396	626,273	1,218,439	1,844,702	<sup>3</sup> 624,304	121,471	502,833	131.2
1979	238,100	1,873	445,845	1,211,735	1,657,580	<sup>3</sup> 631,750	133,283	498,467	145.2
1980 <sup>4</sup>	277,700	2,000	555,400	1,025,812	1,581,212	.....	.....	.....	165.9
<b>Maryland, type 32:</b>									
1972	24,000	990	23,760	54,470	78,230	25,548	12,122	13,426	84.5
1973	25,800	1,260	35,027	52,682	87,709	25,998	12,345	13,653	90.5
1974	24,000	1,260	30,240	61,711	91,951	30,945	8,474	24,471	95.6
1975	23,000	955	21,965	61,006	82,971	34,342	9,677	24,665	109.0
1976	25,000	1,205	30,125	48,629	78,754	29,988	12,469	17,519	110.0
1977	25,000	1,230	30,750	48,766	79,516	28,910	9,408	19,502	114.9
1978	24,000	1,275	30,600	50,606	81,206	31,156	10,144	21,012	123.1
1979	19,500	1,130	22,035	50,050	72,085	33,556	9,987	23,569	139.7
1980 <sup>4</sup>	21,000	1,075	22,575	38,529	61,104	.....	.....	.....	( <sup>5</sup> )

See footnotes at end of table.

**Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1972-80 (farm-sales-weight basis)—Continued**

Type and crop year	Area	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total dark air-cured, types 35-37:</b>	<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>
1972	9,050	1,798	16,273	49,188	65,461	17,542	2,471	15,071	50.7
1973	8,250	1,619	13,358	47,919	61,277	21,414	3,098	18,316	62.4
1974	7,680	1,623	12,465	39,863	52,328	17,203	3,106	14,097	77.2
1975	8,680	1,690	14,670	35,125	49,795	19,511	2,775	16,736	89.6
1976	9,930	1,595	15,836	30,284	46,120	18,294	2,381	15,913	116.1
1977	11,950	1,772	21,180	27,826	49,006	16,812	2,569	14,243	117.0
1978	11,980	1,923	23,034	32,194	55,228	18,901	2,894	16,007	98.7
1979	10,240	1,633	16,717	36,327	53,044	16,892	2,035	14,817	111.0
1980 <sup>4</sup>	9,690	1,581	15,324	36,192	51,516	.....	.....	.....	126.5
<b>One Sucker, type 35:</b>									
1972	5,750	1,842	10,590	29,417	40,007	11,977	2,004	9,973	51.6
1973	5,300	1,633	8,654	28,030	36,684	13,567	2,643	10,924	61.2
1974	4,850	1,588	7,701	23,117	30,818	11,741	2,576	9,165	75.2
1975	5,550	1,732	9,611	19,077	28,688	13,144	2,457	10,687	90.5
1976	6,600	1,590	10,493	15,544	26,037	11,836	2,062	9,774	115.8
1977	7,900	1,844	14,571	14,201	28,772	12,467	1,999	10,468	117.7
1978	8,100	2,000	16,200	16,305	32,505	13,065	2,329	10,736	98.3
1979	7,100	1,661	11,792	19,440	31,232	11,460	1,816	9,644	114.1
1980 <sup>4</sup>	7,100	1,573	11,165	19,772	30,937	.....	.....	.....	126.5
<b>Green River, type 36:</b>									
1972	2,500	1,950	4,875	16,772	21,647	4,962	253	4,709	47.4
1973	2,250	1,680	3,780	16,685	20,465	6,693	220	6,473	63.5
1974	2,150	1,800	3,870	13,772	17,642	3,885	268	3,617	80.1
1975	2,400	1,825	4,380	13,757	18,137	5,469	140	5,329	88.3
1976	2,650	1,730	4,585	12,668	17,253	5,395	65	5,330	118.5
1977	3,250	1,760	5,785	11,858	17,643	3,588	443	3,145	117.8
1978	3,150	1,890	5,954	14,055	20,009	5,300	373	4,927	101.1
1979	2,600	1,675	4,355	14,709	19,064	4,668	20	4,648	105.3
1980 <sup>4</sup>	2,200	1,700	3,740	14,396	18,136	.....	.....	.....	126.5
<b>Virginia sun-cured, type 37:</b>									
1972	800	1,010	808	2,999	3,807	603	214	389	57.9
1973	700	1,320	924	3,204	4,128	1,154	235	919	69.2
1974	680	1,315	894	2,974	3,868	1,577	262	1,315	82.1
1975	750	1,150	679	2,291	2,970	898	188	710	85.5
1976	680	1,115	758	2,072	2,830	1,063	254	809	105.0
1977	800	1,030	824	1,767	2,591	757	127	630	100.0
1978	730	1,205	880	1,834	2,714	536	192	344	88.8
1979	540	1,055	570	2,178	2,748	724	199	525	90.8
1980 <sup>4</sup>	390	1,075	419	2,024	2,443	.....	.....	.....	127.1
<b>Total continental cigar filler, types 41-44:</b>									
1972	15,350	1,458	22,383	77,214	99,597	39,047	312	38,735	45.6
1973	15,200	1,659	25,224	60,550	85,774	32,407	759	31,648	51.9
1974	15,000	1,937	29,060	53,367	82,427	27,344	277	27,067	58.1
1975	14,100	1,646	23,202	55,083	78,285	25,801	385	25,416	58.3
1976	15,700	1,722	27,035	52,484	79,519	23,804	377	23,427	59.9
1977	15,300	1,950	29,835	55,715	85,543	24,469	276	24,193	60.2
1978	14,600	1,930	28,180	61,081	89,261	27,328	145	27,183	62.2
1979	12,500	1,572	19,646	61,933	81,579	28,684	266	28,418	89.0
1980 <sup>4</sup>	14,400	1,745	25,130	52,895	78,025	.....	.....	.....	.....
<b>Pennsylvania seedleaf filler, type 41:</b>									
1972	13,000	1,400	18,200	70,179	88,379	34,659	312	34,347	46.0
1973	13,000	1,700	22,100	53,720	75,820	28,307	759	27,548	52.0
1974	13,000	2,000	26,000	47,513	73,513	24,302	277	24,025	58.0
1975	12,000	1,650	19,800	49,211	69,011	22,223	385	21,838	58.0
1976	13,500	1,750	23,625	46,788	70,413	20,672	377	20,295	60.0
1977	13,500	1,940	26,190	49,741	75,931	21,846	276	21,570	60.0
1978	13,000	1,940	25,220	54,085	79,305	23,633	145	23,488	62.0
1979	11,200	1,580	17,696	55,672	73,368	24,273	266	24,007	72.0
1980 <sup>4</sup>	13,000	1,750	22,750	49,095	71,845	.....	.....	.....	87.0

See footnotes at end of table.

**Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1972–80 (farm-sales-weight basis)—Continued**

Type and crop year	Area	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Miami Valley (Ohio) filler, types 42–44:</b>									
	<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>
1972	2,350	1,780	4,183	7,035	11,218	4,388	.....	4,388	44.0
1973	2,200	1,420	3,124	6,830	9,954	4,100	.....	4,100	51.0
1974	2,000	1,530	3,060	5,854	8,914	3,042	.....	3,042	59.0
1975	2,100	1,620	3,402	5,872	9,274	3,578	.....	3,578	60.0
1976	2,200	1,550	3,410	5,696	9,106	3,132	.....	3,132	59.0
1977	1,800	2,025	3,645	5,974	9,612	2,623	.....	2,623	62.0
1978	1,600	1,850	2,960	6,996	9,956	3,695	.....	3,695	64.0
1979	1,300	1,500	1,950	6,261	8,211	4,411	.....	4,411	87.0
1980 <sup>4</sup>	1,400	1,700	2,380	3,800	6,180	.....	.....	.....	107.0
<b>Puerto Rican filler type 46:<sup>6</sup></b>									
1972	5,635	843	4,752	12,671	17,423	8,231	.....	8,231	42.1
1973	4,500	1,444	6,500	9,192	15,692	5,646	.....	5,646	41.2
1974	2,650	1,477	3,914	10,046	13,960	7,861	.....	7,861	45.5
1975	3,225	1,343	4,330	6,099	10,429	3,207	.....	3,207	50.7
1976	3,200	1,272	4,069	7,222	11,291	4,911	.....	4,911	57.6
1977	2,300	1,705	3,922	6,380	10,302	3,870	.....	3,870	60.2
1978	2,300	1,400	3,107	6,432	9,539	2,594	.....	2,594	57.0
1979	2,000	1,000	2,019	6,945	8,964	886	.....	886	69.1
1980 <sup>4</sup>	1,800	1,400	2,500	8,078	10,578	.....	.....	.....	( <sup>7</sup> )
<b>Total cigar binder, types 51–55:</b>									
1972	12,360	1,714	21,187	46,653	67,840	21,362	109	21,253	51.3
1973	11,760	1,841	21,647	46,478	68,125	25,282	101	25,181	62.2
1974	10,860	1,934	21,007	42,843	63,850	22,044	207	21,837	76.0
1975	12,520	1,851	23,175	41,806	64,981	21,460	274	21,186	76.9
1976	12,610	1,795	22,633	43,521	66,154	21,814	159	21,655	76.5
1977	13,380	2,007	26,847	44,340	71,187	21,169	144	21,025	88.4
1978	13,620	1,684	22,940	50,018	72,958	22,195	88	22,107	105.6
1979	14,370	1,911	27,457	50,763	78,220	23,651	168	23,483	120.9
1980 <sup>4</sup>	14,320	1,881	26,934	54,569	81,503	.....	.....	.....	131.0
<b>Connecticut Valley binder, types 51–52:</b>									
1972	1,560	1,600	2,496	7,438	9,934	2,449	103	2,346	70.1
1973	1,560	1,721	2,684	7,485	10,169	3,171	98	3,073	72.8
1974	1,460	1,737	2,536	6,998	9,534	3,368	205	3,155	82.0
1975	1,520	1,562	2,374	6,166	8,540	4,281	176	4,105	92.7
1976	1,510	1,605	2,424	4,259	6,683	2,339	149	2,190	89.6
1977	1,380	1,784	2,462	4,344	6,806	1,886	36	1,850	121.3
1978	1,520	1,734	2,635	4,920	7,555	2,071	79	1,992	144.9
1979	1,470	1,637	2,407	5,484	7,891	2,227	167	2,060	161.5
1980 <sup>4</sup>	1,520	1,733	2,634	5,664	8,298	.....	.....	.....	180.0
<b>Wisconsin binder, types 54–55:</b>									
1972	10,800	1,731	18,691	39,215	57,906	18,913	6	18,907	48.5
1973	10,200	1,859	18,963	38,993	57,956	22,111	3	22,108	60.6
1974	9,400	1,965	18,471	35,845	54,316	18,676	1	18,675	75.1
1975	11,000	1,891	20,801	35,640	56,441	17,179	98	17,081	75.1
1976	11,100	1,821	20,209	39,262	59,471	19,475	10	19,465	75.0
1977	12,000	2,032	24,385	39,996	64,381	19,283	108	19,175	85.0
1978	12,100	1,678	20,305	45,098	65,403	20,124	9	20,115	100.5
1979	12,900	1,942	25,050	45,279	70,923	22,018	1	22,017	117.0
1980 <sup>4</sup>	12,800	1,898	24,300	48,905	73,205	.....	.....	.....	125.0
<b>Southern Wisconsin, type 54:</b>									
1972	5,000	1,685	8,425	20,256	28,681	9,234	.....	9,234	48.0
1973	4,900	1,950	9,555	19,447	29,002	10,078	.....	10,078	60.5
1974	4,700	2,060	9,682	18,924	28,606	8,795	.....	8,795	74.9
1975	5,600	1,945	10,892	19,811	30,703	7,454	.....	7,454	75.1
1976	5,600	1,890	10,584	23,249	33,833	10,066	.....	10,066	74.7
1977	6,200	2,020	12,524	23,767	36,281	10,244	.....	10,244	84.6
1978	6,200	1,800	11,160	26,047	37,207	11,361	.....	11,361	100.5
1979	6,300	2,080	13,104	25,846	38,950	.....	.....	.....	117.0
1980 <sup>4</sup>	6,200	1,950	12,090	.....	.....	.....	.....	.....	125.0

See footnotes at end of table.



**Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1972-80 (farm-sales-weight basis)—Continued**

Type and crop year	Area	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Northern Wisconsin type 55:</b>	<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>
1972	5,800	1,770	10,266	18,959	29,225	9,679	6	9,673	49.0
1973	5,300	1,775	9,408	19,546	28,954	12,033	3	12,030	60.7
1974	4,700	1,870	8,789	16,921	25,710	9,881	1	9,880	75.4
1975	5,400	1,835	9,909	15,829	25,738	9,725	98	9,627	75.1
1976	5,500	1,750	9,625	16,013	25,638	9,409	10	9,399	75.2
1977	5,800	2,045	11,861	16,229	28,090	9,039	108	8,931	85.5
1978	5,900	1,550	9,145	19,051	28,196	8,763	9	8,754	100.5
1979	6,600	1,810	11,946	19,433	31,379	.....	.....	.....	117.0
1980 <sup>4</sup>	6,600	1,850	12,210	.....	.....	.....	.....	.....	125.0
<b>Total cigar wrapper, types 61-62:</b>									
1972	7,100	1,365	9,691	19,820	29,511	11,784	3,242	8,542	387.1
1973	7,630	1,280	9,799	17,727	27,493	12,536	2,383	10,073	452.2
1974	6,650	1,652	10,988	15,037	26,025	10,383	4,354	6,029	536.1
1975	5,470	1,409	7,706	15,642	23,348	9,796	4,227	5,569	585.7
1976	4,600	1,565	7,198	13,552	20,750	7,602	3,759	3,843	528.2
1977	3,420	1,547	5,292	13,148	18,440	5,736	4,753	983	591.4
1978	2,710	1,392	3,773	12,704	16,477	6,237	5,294	943	750.0
1979	2,720	1,472	4,003	10,240	14,243	6,456	5,389	1,067	850.0
1980	3,140	1,560	4,899	7,787	12,686	.....	.....	.....	980.0
<b>Connecticut Valley shadegrown, type 61:</b>									
1972	4,050	1,250	5,063	13,168	18,231	7,486	2,804	4,682	485.0
1973	5,000	1,210	6,050	10,745	16,795	8,292	1,853	6,439	515.0
1974	4,800	1,625	7,798	8,503	16,301	6,831	3,904	2,927	600.0
1975	4,350	1,371	5,963	9,470	15,433	7,889	3,783	4,106	640.0
1976	4,250	1,555	6,610	7,544	14,154	5,236	3,336	1,900	540.0
1977	3,280	1,544	5,064	8,918	13,982	4,707	4,213	494	600.0
1978	2,710	1,392	3,773	9,275	13,048	4,927	4,884	43	750.0
1979	2,720	1,472	4,003	8,121	12,124	5,380	4,915	465	850.0
1980 <sup>4</sup>	3,140	1,560	4,899	6,744	11,643	.....	.....	.....	980.0
<b>Georgia-Florida shadegrown type 62:</b>									
1972	3,050	1,517	4,628	6,652	11,280	4,298	437	3,860	280.0
1973	2,630	1,413	3,716	6,982	10,698	4,164	530	3,634	350.0
1974	1,850	1,724	3,190	6,534	9,724	3,552	450	3,102	380.0
1975	1,120	1,556	1,743	6,172	7,915	1,907	444	1,463	400.0
1976	350	1,680	588	6,008	6,596	2,366	423	1,943	395.0
1977	140	1,630	228	4,230	4,458	1,029	540	489	400.0
1978	0	0	0	3,429	3,429	1,310	410	900	.....
1979	.....	.....	.....	2,119	2,119	1,076	474	602	.....
1980 <sup>4</sup>	.....	.....	.....	1,043	1,043	.....	.....	.....	.....
<b>Total tobacco, types 11-72:<sup>8</sup></b>									
1972	848,055	2,068	1,754,032	3,484,090	5,238,122	<sup>3</sup> 1,955,344	639,217	1,316,127	83.0
1973	893,367	1,958	1,752,132	3,278,565	5,030,697	<sup>3</sup> 2,089,788	732,351	1,357,437	90.1
1974	965,270	2,065	1,993,642	2,953,539	4,947,181	<sup>3</sup> 1,939,082	653,388	1,285,496	108.4
1975	1,089,875	2,006	2,186,634	3,009,670	5,196,304	<sup>3</sup> 1,945,038	654,245	1,290,793	102.5
1976	1,050,120	2,039	2,140,743	3,304,557	5,445,300	<sup>3</sup> 1,912,746	677,816	1,234,930	112.4
1977	968,100	1,981	1,918,051	3,525,843	5,443,894	<sup>3</sup> 1,900,214	693,236	1,206,978	118.5
1978	965,930	2,099	2,027,927	3,543,603	5,571,530	<sup>3</sup> 1,957,837	764,755	1,193,082	132.2
1979	829,200	1,843	1,528,568	3,579,264	5,107,832	<sup>3</sup> 1,868,044	689,269	1,179,775	141.0
1980 <sup>4</sup>	917,310	1,934	1,774,501	3,266,798	5,041,299	.....	.....	.....	152.0

<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> Exports by rehandling trade included in totals of types from which they are made.

<sup>3</sup> Disappearance adjusted for tobacco still on farms at end of marketing year.

<sup>4</sup> Preliminary.

<sup>5</sup> Evaluated at 169.8 cents per pound.

<sup>6</sup> Puerto Rican crop planted in the fall of the year shown and harvested the following spring.

<sup>7</sup> Evaluated at 69.1 cents per pound.

<sup>8</sup> Includes Perique.

Economic Research Service. Basic export data from the official reports of the Department of Commerce.

**Table 142.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1977–81 (farm-sales-weight basis)<sup>1</sup>**

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Flue-cured, types 11-14:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Miami Valley (Ohio) filler, types 42-44:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1977	2,595,898	2,305,093	2,074,975	2,543,951	1977	4,694	6,939	6,596	5,974
1978	2,578,694	2,276,212	2,051,306	2,529,503	1978	5,415	8,166	7,786	6,996
1979	2,599,609	2,305,855	2,074,828	2,529,850	1979	6,566	8,318	6,981	6,261
1980	2,456,544	2,199,177	1,965,386	2,430,260	1980	5,460	5,400	4,286	3,800
1981	2,519,505				1981	3,322			
Virginia fire-cured, type 21:					Puerto Rican filler, type 46: <sup>2</sup>				
1977	8,053	8,649	8,381	6,658	1977	6,890	8,565	7,133	6,380
1978	8,746	12,644	10,529	8,669	1978	4,556	4,695	5,675	6,432
1979	9,728	12,713	12,138	10,897	1979	3,721	5,934	6,698	6,945
1980	11,335	12,036	12,092	9,263	1980	6,820	6,935	8,298	8,078
1981	8,632				1981	7,889			
Kentucky and Tennessee fire-cured, types 22-23:					Connecticut Valley Types 51-52:				
1977	37,211	52,131	50,960	41,235	1977	4,472	4,856	4,632	4,344
1978	33,027	64,165	64,184	51,009	1978	5,052	5,286	5,454	4,920
1979	37,729	71,893	73,426	65,109	1979	5,305	5,473	6,028	5,489
1980	57,439	84,945	75,672	68,015	1980	5,755	6,179	6,400	5,664
1981	66,949				1981	5,903			
Burley, type 31:					Wisconsin, type 54-55:				
1977	1,398,627	1,501,753	1,375,385	1,217,225	1977	34,276	47,375	45,069	39,996
1978	1,494,960	1,491,317	1,353,189	1,218,439	1978	38,975	53,756	50,351	45,098
1979	1,489,696	1,518,555	1,332,516	1,211,735	1979	43,830	55,758	51,135	45,283
1980	1,373,659	1,313,200	1,162,170	1,025,812	1980	46,953	58,665	53,222	48,905
1981	1,298,543				1981	45,971			
Maryland, type 32:					Connecticut Valley shade-grown, type 61:				
1977	41,859	37,988	54,248	48,766	1977	10,662	10,948	8,917	9,492
1978	45,325	40,756	63,353	50,606	1978	8,455	9,915	9,275	7,747
1979	41,877	37,568	55,913	50,050	1979	8,535	8,873	8,121	7,345
1980	41,339	36,624	47,568	38,529	1980	8,167	6,819	6,744	5,721
1981	32,597				1981	6,376			
One Sucker, type 35:					Georgia and Florida shade-grown, type 62:				
1977	16,175	18,398	17,771	14,201	1977	4,933	3,934	4,230	4,263
1978	16,557	19,966	18,391	16,305	1978	3,962	3,655	3,429	3,114
1979	16,777	24,249	22,183	19,440	1979	2,566	2,178	2,119	1,798
1980	19,799	24,134	21,828	19,772	1980	1,544	1,145	1,043	1,069
1981	20,943				1981	1,078			
Green River, type 36:					Perique, type 72:				
1977	11,308	14,318	14,010	11,858	1977	593	574	529	531
1978	12,776	19,876	18,297	14,055	1978	545	593	558	555
1979	14,171	16,353	16,042	14,709	1979	511	648	468	442
1980	15,872	18,265	15,047	14,396	1980	420	394	414	272
1981	17,275				1981	294			
Virginia sun-cured, type 37:					Other miscellaneous domestic, type 73:				
1977	2,186	2,140	2,089	1,767	1977	5,983	5,596	5,250	4,777
1978	1,944	2,047	1,947	1,834	1978	5,063	4,709	4,273	5,890
1979	2,319	2,423	2,278	2,128	1979	6,073	4,139	4,301	4,064
1980	2,295	2,385	2,185	2,024	1980	5,831	6,289	5,898	6,016
1981	2,351				1981	5,495			
Pennsylvania seedleaf, type 41:									
1977	42,948	56,739	53,368	49,741					
1978	45,648	64,991	57,037	54,085					
1979	53,158	68,827	62,616	55,672					
1980	49,079	59,541	54,423	49,095					
1981	44,337								

See footnotes at end of table.

**Table 142.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1977–81 (farm-sales-weight basis)<sup>1</sup> — Continued**

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Foreign-grown cigar-leaf, types 81–89:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Foreign-grown cigarette and smoking tobacco, types 91–93:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1977 . . . . .	114,256	111,037	105,984	102,480	1977 . . . . .	637,256	598,783	591,878	605,764
1978 . . . . .	100,315	101,019	97,197	91,548	1978 . . . . .	598,403	603,675	627,713	610,591
1979 . . . . .	92,598	100,312	96,847	95,005	1979 . . . . .	636,196	654,745	684,015	696,174
1980 . . . . .	91,024	91,065	95,360	93,075	1980 . . . . .	683,465	682,511	745,501	718,538
1981 . . . . .	87,100	.....	.....	.....	1981 . . . . .	675,599	.....	.....	.....

<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> Stocks on the island of Puerto Rico are included.

Agricultural Marketing Service.

**Table 143.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1966–80**

Year	Cigars		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Large, weighing more than 3 pounds per 1,000 <sup>1</sup>	Small, weighing not more than 3 pounds per 1,000	Large, weighing more than 3 pounds per 1,000	Small, weighing not more than 3 pounds per 1,000 <sup>2</sup>	Plug	Twist	Fine-cut	Loose-leaf <sup>3</sup>			
	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</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>
1966 <sup>4</sup> . . . . .	7,165	445	( <sup>5</sup> )	567,264	24,285	2,739	3,916	34,256	67,347	29,501	162,044
1967 . . . . .	6,859	434	( <sup>5</sup> )	576,183	23,741	2,572	4,065	34,028	64,766	29,323	158,495
1968 . . . . .	7,184	523	1.0	579,493	22,926	2,567	4,268	35,666	66,275	27,057	158,759
1969 . . . . .	6,937	743	1.0	557,647	23,349	2,466	4,480	39,494	63,865	27,585	161,239
1970 . . . . .	7,095	933	1.1	583,250	21,987	2,439	4,824	39,539	69,370	26,522	164,681
1971 . . . . .	6,722	1,135	.5	576,425	20,588	2,359	5,149	43,314	60,519	26,425	158,354
1972 . . . . .	6,033	4,022	.7	599,070	19,569	2,240	5,233	45,583	55,845	25,490	153,960
1973 . . . . .	5,664	4,415	1.1	644,245	18,575	2,138	5,702	47,596	53,007	25,297	152,315
1974 . . . . .	5,284	3,099	1.9	635,017	18,009	2,188	6,174	52,878	48,985	24,995	153,229
1975 . . . . .	4,524	2,942	2.0	651,211	18,145	2,285	7,327	53,742	46,194	24,381	152,074
1976 . . . . .	4,178	2,246	1.4	693,389	16,674	2,312	8,358	56,302	44,584	24,848	153,078
1977 . . . . .	3,922	1,828	1.3	665,864	16,437	2,180	10,119	61,251	40,711	24,613	155,311
1978 . . . . .	3,795	1,645	1.0	695,991	15,895	2,101	11,969	64,591	36,406	25,086	156,048
1979 . . . . .	3,601	1,539	1.5	704,243	15,291	2,001	13,318	71,659	32,789	23,700	158,758
1980 <sup>6</sup> . . . . .	3,430	1,408	.6	714,254	17,345	1,878	14,747	72,071	32,184	24,296	162,521

<sup>1</sup> Cigars produced in bonded manufacturing warehouses are included.

<sup>2</sup> "King size" cigarettes included in this category.

<sup>3</sup> Formerly designated "Scrap."

<sup>4</sup> Excise tax on chewing and smoking tobacco and snuff discontinued after 1965. Data now reported by Agricultural Marketing Service, U.S. Department of Agriculture, and are not strictly comparable with prior year.

<sup>5</sup> Less than 500,000.

<sup>6</sup> Preliminary.

Agricultural Marketing Service.

**Table 144.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1966–80<sup>1</sup>**

Year	Cigarettes			Large cigars <sup>2</sup>			Smoking, chewing, and snuff <sup>3</sup>		All tobacco products <sup>3</sup>	
	Total		Per capita	Total		Per capita	Total	Per capita	Total	Per capita
	<i>Billions</i>	<i>Million pounds</i>	<i>Number</i>	<i>Billions</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>
1966	541	1,147	4,287	8.3	147	66	108	0.86	1,404	11.12
1967	549	1,136	4,280	8.1	141	63	107	.83	1,385	10.79
1968	546	1,133	4,186	7.9	135	61	108	.83	1,390	10.59
1969	529	1,082	3,992	8.0	134	60	110	.83	1,330	10.04
1970	536	1,050	3,985	8.1	135	60	113	.83	1,301	9.68
1971	550	1,066	4,037	7.9	128	57	112	.82	1,310	9.52
1972	567	1,111	4,043	7.3	117	52	110	.79	1,350	9.65
1973	590	1,126	4,148	7.0	109	49	106	.75	1,362	9.53
1974	599	1,142	4,141	6.4	102	44	109	.75	1,361	9.41
1975	607	1,138	4,123	5.8	93	39	106	.72	1,346	9.14
1976	614	1,102	4,092	5.4	86	36	109	.73	1,291	8.61
1977	617	1,101	4,043	5.0	82	33	107	.70	1,296	8.49
1978	616	1,086	3,967	4.7	78	30	107	.69	1,275	8.21
1979	620	1,127	3,924	4.3	71	27	109	.69	1,311	8.30
1980 <sup>5</sup>	630	1,134	3,924	4.0	66	25	111	.69	1,310	8.17

<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.

Economic Research Service. 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 145.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1966–80**

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>Billions</i>	<i>Billions</i>	<i>Billions</i>	<i>Billions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
1966	567.3	522.5	46.1	23.4	8,243	8,175	193	73
1967	576.2	527.8	49.0	23.7	8,061	7,972	197	76
1968	579.5	523.0	53.8	26.5	8,257	7,827	169	66
1969	557.6	510.5	47.1	25.0	8,023	7,868	169	65
1970	583.2	518.2	51.2	29.2	8,379	8,009	152	54
1971	576.4	540.4	49.2	31.8	7,928	7,776	131	46
1972	599.1	554.4	49.0	34.6	7,464	7,225	139	75
1973	644.2	577.3	55.9	41.5	6,959	6,972	143	103
1974	635.0	588.6	59.2	46.9	6,462	6,356	136	86
1975	651.2	596.4	62.3	49.9	5,743	5,804	125	92
1976	693.4	604.7	72.1	61.4	5,403	5,373	144	124
1977	665.9	606.8	78.1	66.8	5,031	4,988	134	117
1978	695.9	605.4	85.1	74.4	4,781	4,702	164	166
1979	704.4	607.8	93.0	79.7	4,443	4,304	179	177
1980 <sup>5</sup>	714.2	618.7	94.2	82.0	4,044	4,001	201	200

<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.

Economic Research Service. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department.

Table 146.—Tobacco: Price-support operations, United States, 1966–80<sup>1</sup>

Year	Flue-cured, types 11-14			Burley, type 31		
	Support price per pound	Put under support <sup>2</sup>		Support price per pound	Put under support <sup>2</sup>	
		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>
1966	58.8	75	6.7	60.6	63	10.6
1967	59.9	282	22.6	61.8	64	11.9
1968	61.6	128	12.9	63.5	56	10.0
1969	63.8	97	9.2	65.8	158	26.7
1970	66.6	144	12.2	68.6	47	8.5
1971	69.4	56	5.2	71.5	( <sup>3</sup> )	.....
1972	72.7	24	2.4	74.9	23	3.9
1973	76.6	31	2.7	78.9	1	.1
1974	83.3	25	2.0	85.8	3	.5
1975	93.2	259	18.2	96.1	51	7.5
1976	106.0	277	21.1	109.3	46	7.1
1977	113.8	196	17.4	117.3	56	9.2
1978	121.0	64	5.3	124.7	67	10.9
1979	129.3	70	7.1	133.3	47	4 1.4
1980	141.5	138	12.7	145.9	( <sup>3</sup> )	.....

<sup>1</sup> This table does not show support operations for all tobacco. Only burley and flue-cured are shown because they are substantially more important in the total tobacco picture than other types which are also supported.

<sup>2</sup> Title to the tobacco obtained under the price-support program is retained in most cases by the Producers' Cooperative Association handling price-support loans.

<sup>3</sup> Less than 500,000 pounds.

<sup>4</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 147.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1978–80

Classification and country of origin	1978	1979	1980 <sup>1</sup>	Classification and country of origin	1978	1979	1980 <sup>1</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>
Cigarette leaf:				Cigar wrapper:			
Brazil	1,005	878	3,292	Honduras	146	189	209
Greece	12,005	12,242	11,361	Nicaragua	286	275	256
Yugoslavia	7,761	6,349	5,936	Cameroon	213	151	160
Lebanon	1,791	2,169	2,970	Other countries	92	54	145
Italy	6,655	5,524	6,511	Total	737	669	770
Turkey	40,978	40,518	48,174	Scrap:			
Korea, Rep. of	205	0	460	Dominican Republic	2,521	2,617	3,073
Other countries	19,044	19,121	18,552	Brazil	11,149	15,063	10,978
Total	89,444	86,801	97,256	Korea, Rep. of	7,569	8,974	4,244
Cigar filler:				Turkey	2,984	4,905	3,652
Unstemmed:				Philippines	6,724	5,921	5,993
Dominican Republic	146	60	84	Other countries	23,064	33,708	26,057
Nicaragua	185	149	149	Total	54,011	71,188	53,997
Philippines	265	176	0	Stems:			
Indonesia	789	0	1	Dominican Republic	646	540	403
Other countries	1,021	971	954	Brazil	1,445	2,250	3,947
Stemmed:				Argentina	360	456	327
Honduras	347	192	135	Other countries	2,219	5,818	6,962
Mexico	162	316	176	Total	4,670	9,064	11,639
Philippines	362	486	475	Grand total	143,445	171,099	165,846
Dominican Republic	262	158	188				
Other countries							
Total	3,540	2,507	2,162				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 148. — Tobacco, unmanufactured: International trade, 1977-79

Continent and country	1977		1978		1979 <sup>1</sup>	
	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>
North America:						
Canada	23,454	2,843	32,647	6,065	38,684	2,940
Costa Rica	97	69	75	70	75	50
Cuba	17,000	.....	17,500	.....	15,000	.....
Dominican Republic	19,572	1,560	36,900	1,570	40,600	2,200
El Salvador	469	735	100	665	.....	600
Guatemala	4,270	873	4,832	799	5,000	800
Haiti	.....	590	0	544	.....	635
Honduras	4,468	553	4,522	680	4,536	589
Jamaica	438	1,081	101	1,253	476	1,089
Mexico	18,342	2	26,054	42	29,000	.....
Nicaragua	1,494	377	1,106	93	1,400	.....
Panama	379	101	372	171	500	100
Trinidad-Tobago	171	978	150	950	100	100
United States (incl. Puerto Rico)	290,130	139,048	320,861	166,499	259,380	184,908
Total	380,284	148,810	445,220	179,401	394,751	194,911
South America:						
Argentina	23,748	114	23,243	73	21,635	266
Brazil	108,111	198	109,420	500	126,325	100
Bolivia	.....	1,000	.....	1,000	.....	1,000
Chile	.....	2,252	.....	1,210	.....	1,300
Colombia	13,801	262	22,598	213	20,000	250
Ecuador	131	2,966	174	3,000	373	2,197
Guyana	.....	292	.....	300	.....	310
Paraguay	22,348	.....	14,767	.....	22,000	.....
Peru	642	440	425	465	450	572
Surinam	.....	225	.....	230	.....	200
Uruguay	.....	3,500	.....	3,500	.....	3,500
Venezuela	.....	243	.....	300	.....	300
Total	168,781	11,492	170,627	10,791	190,783	9,995
Europe:						
Belgium-Luxembourg	5,763	39,285	3,031	35,998	3,096	37,074
Denmark	1,701	16,504	1,981	19,917	1,487	12,093
France	3,290	239,135	3,595	248,615	3,327	249,593
Germany, Fed. Rep. of	32,232	417,902	33,650	419,337	32,800	417,600
Ireland	89	7,663	134	7,181	506	7,782
Italy	40,550	33,739	43,915	20,270	57,616	31,322
Netherlands	200	61,500	500	66,000	.....	65,000
United Kingdom	4,834	142,292	44,815	232,980	50,315	187,226
Total EC	88,659	512,020	131,621	624,298	144,347	566,090
Austria	550	12,576	548	13,290	853	13,627
Canary Islands	223	19,931	419	22,561	500	31,268
Finland	35	6,251	.....	8,707	.....	8,818
Greece	52,853	683	70,466	1,356	53,321	2,000
Malta-Gozo	30	400	30	425	30	400
Norway	430	6,412	.....	5,351	.....	5,319
Portugal (incl. Azores)	.....	9,527	.....	9,562	.....	10,000
Spain	.....	40,463	.....	43,723	2,187	42,168
Sweden	119	11,014	89	12,997	170	10,575
Switzerland	5,057	30,868	5,944	27,416	5,674	28,661
Total Western Europe	147,956	650,145	209,117	763,686	207,082	718,926
Albania	6,000	.....	5,500	.....	5,000	.....
Bulgaria	68,300	4,000	59,000	3,500	60,000	3,500
Czechoslovakia	1,000	15,500	1,000	29,000	1,000	15,000
Germany, Dem. Rep. of	1,900	16,000	1,800	19,100	1,800	21,000
Hungary	1,000	8,500	1,000	6,000	1,000	9,000
Poland	9,510	6,979	8,837	7,856	4,450	12,234
Romania	10,000	6,000	9,000	7,000	10,000	5,000
Yugoslavia	18,680	3,630	27,413	2,936	25,200	3,000
Total Eastern Europe	116,390	60,609	113,550	75,392	108,450	69,734
Total Europe	264,346	710,754	322,667	839,078	315,532	788,660
Soviet Union	1,047	78,078	1,000	64,759	1,000	66,500
Africa:						
Algeria	.....	11,699	.....	10,000	.....	8,000
Angola	500	150	.....	150	.....	150
Burundi-Rwanda	.....	.....	.....	.....	.....	.....

See footnotes at end of table.

Table 148.—Tobacco, unmanufactured: International trade, 1977-79—Continued

Continent and country	1977		1978		1979 <sup>1</sup>	
	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>Africa—Continued</b>						
Cameroon	2,280	1,200	2,350	1,400	2,073	1,200
Congo, Republic of	100	1,000	100	1,000		1,000
Egypt		29,038		29,453		30,260
Ghana		800		750	2	1,200
Ivory Coast	30	3,406	100	3,200		2,425
Kenya		1,532		1,500		1,500
Liberia	176	304		394		350
Libya		1,600		1,600		2,000
Madagascar	500	250	500	250	500	250
Malawi	37,799	2,500	41,571	2,000	51,000	1,000
Mauritius		120		120		120
Morocco		9,329		8,956		14,388
Mozambique	300	400	200	500	100	600
Nigeria		495		1,500		2,000
Senegal		2,100		2,500		2,500
Sierra Leone		1,238		1,334		812
South Africa	4,810	8,840	9,984	5,870	5,585	2,800
Tanzania	11,737	25	11,000	25	13,800	25
Tunisia		6,000	1,588	3,116	1,200	4,003
Uganda	900	50	500	50		50
Zaire		5,541		2,257		762
Zambia	3,536		2,500		3,105	
Zimbabwe	60,000		60,000		85,000	
<b>Total</b>	<b>122,668</b>	<b>87,517</b>	<b>130,393</b>	<b>78,025</b>	<b>162,365</b>	<b>77,395</b>
<b>Asia:</b>						
Bangladesh		500		500		204
Burma						
China	30,000		30,000		30,000	
Taiwan	4,297	11,499	3,685	16,832	3,419	17,732
Cyprus	329	2,958	289	2,310	164	2,737
Hong Kong	4,514	7,886	3,196	6,015	4,238	8,704
India	75,000	200	69,392	200	66,039	200
Indonesia	25,786	9,435	25,600	11,903	23,500	12,900
Iran <sup>6</sup>	181	924				
Iraq		1,500		3,500		3,700
Israel		5,074		4,523		4,688
Japan <sup>6</sup>	18	85,980	23	81,374	20	65,300
Jordan	2	1,111		2,213		2,550
Kampuchea		2,000		2,200		2,200
Korea, Dem. Peo. Rep. of	1,000		1,500			1,500
Korea, Rep. of	48,549	6,799	49,584	10,145	33,374	13,608
Kuwait	106	329	120	350	130	375
Laos		1,500		1,500		1,500
Lebanon	6,220	100	3,284	180	3,993	710
Malaysia	147	6,459	3	6,459	1	4,500
Pakistan	14,726	182	9,074	218	5,445	145
Philippines	25,680	10,462	23,914	10,208	26,955	10,965
Singapore	209	6,384	79	7,804	102	8,813
Sri Lanka	680	300	725			1,360
Syria	1,455	1,600	1,861		1,800	
Thailand	27,980	11,399	34,814	8,644	33,797	9,252
Turkey	61,835		77,335		69,554	
Vietnam		4,000		4,000		4,000
Yemen (Aden)	1,000	3,300	1,000	3,400	1,000	3,500
<b>Total</b>	<b>329,714</b>	<b>181,881</b>	<b>335,478</b>	<b>184,478</b>	<b>304,891</b>	<b>179,783</b>
<b>Oceania</b>						
Australia <sup>7</sup>	376	9,514	270	11,480	173	10,353
New Zealand <sup>7</sup>		3,508		4,371		2,712
<b>Total</b>	<b>376</b>	<b>13,022</b>	<b>270</b>	<b>15,851</b>	<b>173</b>	<b>13,065</b>
<b>World Total</b>	<b>1,267,216</b>	<b>1,231,554</b>	<b>1,405,655</b>	<b>1,372,383</b>	<b>1,369,495</b>	<b>1,330,309</b>

<sup>1</sup> Preliminary. <sup>2</sup> Seita purchases. <sup>3</sup> Actual shipments. <sup>4</sup> Actual arrivals. <sup>5</sup> Purchases by manufacturers.  
<sup>6</sup> April—March year. <sup>7</sup> July—June year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 149.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1978-80

Types and country of destination	1978	1979	1980 <sup>1</sup>	Types and country of destination	1978	1979	1980 <sup>1</sup>
<b>Total unmanufactured:</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>Flue-cured—Continued</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada . . . . .	1,917	2,061	7,670	Thailand . . . . .	5,260	6,416	6,813
Panama . . . . .	309	267	310	Australia . . . . .	4,377	4,313	4,256
Jamaica . . . . .	650	577	407	New Zealand . . . . .	1,155	1,239	1,272
Dominican Republic . . . . .	1,574	2,201	1,995	Other countries . . . . .	13,674	16,734	22,856
Chile . . . . .	867	1,182	1,741	<b>Total . . . . .</b>	<b>206,279</b>	<b>168,123</b>	<b>177,381</b>
Ecuador . . . . .	1,933	2,371	931	<b>Burley:</b>			
<b>Belgium and</b>				Chile . . . . .	324	426	422
Luxembourg . . . . .	7,646	2,472	3,583	<b>Belgium and</b>			
France . . . . .	4,445	5,228	2,040	Luxembourg . . . . .	702	283	377
Germany, Fed. Rep. of . . . . .	24,125	30,709	45,666	France . . . . .	151	104	139
Italy . . . . .	18,592	15,769	13,906	Germany, Fed. Rep. of . . . . .	3,687	5,086	10,923
Netherlands . . . . .	15,503	13,277	20,376	Italy . . . . .	8,716	7,458	4,709
Austria . . . . .	1,574	1,654	1,425	Netherlands . . . . .	1,156	2,859	4,171
Denmark . . . . .	12,280	7,430	7,920	Austria . . . . .	146	68	110
Finland . . . . .	3,523	3,177	4,303	Denmark . . . . .	1,741	487	1,937
Ireland . . . . .	2,382	3,109	1,651	Finland . . . . .	397	499	620
Norway . . . . .	1,912	2,564	3,076	Norway . . . . .	139	173	125
Portugal . . . . .	0	0	96	Portugal . . . . .	0	0	0
Spain . . . . .	9,043	459	13,007	Sweden . . . . .	1,503	861	1,110
Sweden . . . . .	7,951	6,216	6,998	Switzerland . . . . .	3,106	2,463	1,051
Switzerland . . . . .	11,893	8,756	9,116	Syria . . . . .	0	0	0
United Kingdom . . . . .	67,503	30,914	14,728	Hong Kong . . . . .	226	444	383
Libya . . . . .	44	1,918	663	Japan . . . . .	4,680	6,729	4,370
Egypt . . . . .	11,115	1,727	7,895	Philippines . . . . .	1,936	2,634	1,489
Canary Islands . . . . .	4,672	2,003	5,906	Thailand . . . . .	2,997	2,108	3,443
Cameroon . . . . .	775	836	470	Other countries . . . . .	9,688	4,541	5,808
Ghana . . . . .	644	439	350	<b>Total . . . . .</b>	<b>41,295</b>	<b>37,223</b>	<b>41,187</b>
Nigeria . . . . .	702	537	421	<b>Dark-fired Kentucky-</b>			
Zaire . . . . .	373	1,047	37	<b>Tennessee:</b>			
Israel . . . . .	535	405	433	<b>Belgium and</b>			
China . . . . .	11,704	18,814	6,403	Luxembourg . . . . .	248	175	341
Hong Kong . . . . .	1,256	2,084	2,423	France . . . . .	1,082	1,767	452
Korea, Rep. of . . . . .	4,469	5,939	6,155	Germany Fed. Rep. of . . . . .	192	173	196
Japan . . . . .	46,385	43,513	37,258	Italy . . . . .	234	285	76
Malaysia . . . . .	4,566	3,823	3,819	Netherlands . . . . .	6,559	2,254	4,317
Philippines . . . . .	6,304	5,195	5,227	Denmark . . . . .	50	119	81
Singapore . . . . .	1,066	1,054	799	Ireland . . . . .	0	3	3
Thailand . . . . .	8,257	8,528	10,257	Norway . . . . .	0	20	95
Syria . . . . .	0	0	0	Canary Islands . . . . .	0	3	0
Australia . . . . .	5,602	5,605	6,062	Sweden . . . . .	350	294	207
New Zealand . . . . .	1,670	1,797	1,689	Switzerland . . . . .	276	152	105
Other countries . . . . .	11,766	11,728	14,349	United Kingdom . . . . .	62	1	2
<b>Total . . . . .</b>	<b>317,527</b>	<b>257,385</b>	<b>271,561</b>	Morocco . . . . .	0	0	0
<b>Flue-cured:</b>				Tunisia . . . . .	39	100	0
Panama . . . . .	240	213	225	Cameroon . . . . .	205	153	190
Jamaica . . . . .	571	497	253	Zaire . . . . .	250	250	10
Chile . . . . .	543	741	2,027	Other countries . . . . .	716	458	530
Ecuador . . . . .	729	1,198	840	<b>Total . . . . .</b>	<b>10,263</b>	<b>6,207</b>	<b>6,605</b>
<b>Belgium and</b>				<b>Black Fat:</b>			
Luxembourg . . . . .	5,421	1,613	2,034	Cameroon . . . . .	134	175	14
France . . . . .	2,157	1,865	856	Benin . . . . .	399	818	478
Germany, Fed. Rep. of . . . . .	16,054	19,234	28,616	Nigeria . . . . .	241	102	30
Italy . . . . .	9,535	7,656	8,939	Togo . . . . .	162	206	111
Netherlands . . . . .	6,612	6,664	11,042	Other countries . . . . .	239	165	556
Austria . . . . .	1,285	1,446	1,213	<b>Total . . . . .</b>	<b>1,175</b>	<b>1,466</b>	<b>1,189</b>
Denmark . . . . .	7,359	3,529	3,826	<b>Dark-fired Virginia and</b>			
Finland . . . . .	2,132	1,886	3,022	<b>sun-cured:</b>			
Ireland . . . . .	1,918	2,455	1,188	Germany, Fed. Rep. of . . . . .	184	138	189
Norway . . . . .	1,120	1,512	1,988	Egypt . . . . .	0	0	0
Portugal . . . . .	0	0	44	Austria . . . . .	36	73	86
Spain . . . . .	7,876	306	10,513	Yugoslavia . . . . .	0	0	0
Sweden . . . . .	3,905	3,425	3,425	Norway . . . . .	503	813	669
Switzerland . . . . .	3,859	2,125	4,111	Sweden . . . . .	290	36	185
United Kingdom . . . . .	49,354	23,389	11,294	Switzerland . . . . .	28	216	49
Libya . . . . .	0	1,629	473	United Kingdom . . . . .	42	25	20
Egypt . . . . .	7,455	1,018	5,545	Czechoslovakia . . . . .	18	0	0
Syria . . . . .	0	0	0	Other countries . . . . .	39	126	130
Taiwan . . . . .	11,588	18,736	6,385	<b>Total . . . . .</b>	<b>1,139</b>	<b>1,427</b>	<b>1,328</b>
Hong Kong . . . . .	894	1,554	1,768				
Indonesia . . . . .	343	167	1,029				
Japan . . . . .	32,731	30,064	23,894				
Malaysia . . . . .	4,213	3,541	3,644				
Pakistan . . . . .	218	145	293				
Philippines . . . . .	3,049	2,185	3,294				
Singapore . . . . .	652	628	403				

See footnotes at end of table.



Table 149.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1978-80—Continued

Types and country of destination	1978	1979	1980 <sup>1</sup>	Types and country of destination	1978	1979	1980 <sup>1</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>
Marlyand:				Cigar filler:			
Belgium and Luxembourg	416	259	274	France	51	53	23
Germany, Fed. Rep. of	749	486	552	Germany, Fed. Rep. of	0	0	0
Netherlands	41	156	107	Other countries	38	18	85
Norway	9	17	11	Total	89	71	108
Egypt	169	0	110				
Spain	0	0	0	Perique:			
Switzerland	2,315	1,302	2,056	Canada	0	0	0
Other countries	1,107	520	100	Germany, Fed. Rep. of	1	9	2
Total	4,806	2,740	3,210	France	0	0	0
				United Kingdom	6	6	0
One sucker:				Australia	9	8	22
Belgium and Luxembourg	0	0	47	Other countries	5	8	28
Zaire	70	0	0	Total	21	31	52
Other countries	38	3	5				
Total	108	3	52	Trimmings, stems, and scrap:			
				Canada	1,558	1,523	3,317
Green River:				Italy	107	73	183
Belgium and Luxembourg	7	0	0	Jamaica	0	1	0
United Kingdom	27	19	6	Guyana	20	0	0
Zaire	53	0	0	Peru	6	1	0
Other countries	134	69	0	Surinam	64	55	33
Total	221	88	6	Belgium and Luxembourg	850	111	327
				France	942	1,302	349
Cigar wrapper:				Germany, Fed. Rep. of	2,994	5,176	4,745
Canada	23	18	23	Netherlands	952	872	418
Jamaica	41	22	23	Austria	36	15	0
Dominican Republic	1,139	1,713	1,253	Denmark	3,118	3,292	2,073
Belgium and Luxembourg	2	31	20	Finland	658	462	601
Germany, Fed. Rep. of	54	22	39	Ireland	464	646	461
Netherlands	144	237	169	Norway	111	20	189
Canary Islands	13	13	16	Sweden	1,902	1,600	2,070
Nigeria	0	0	10	Switzerland	1,659	2,496	1,658
United Kingdom	196	239	321	United Kingdom	12,785	5,738	2,480
France	16	11	1	Libya	0	256	100
New Zealand	17	22	17	Ghana	107	63	35
Other countries	35			Poland	248	348	150
Total	1,680	2,396	1,920	Hong Kong	135	86	272
				Japan	8,974	6,689	8,993
Cigar binder:				Malaysia	303	279	145
Canada	8	7	49	Egypt	2,158	224	1,528
Venezuela	0	0	1	Singapore	415	425	396
Dominican Republic	0	24	47	Australia	976	1,067	1,152
Switzerland	7	0	0	New Zealand	498	469	369
Other countries	2	1	7	Other countries	2,839	1,718	3,124
Total	17	32	104	Total	44,879	35,007	35,168

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## 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 150.—Cottonseed: Cotton area and cottonseed production, farm disposition, season average price per ton received by farmers, and value, United States, 1966–80**

Year	Harvested area of cotton	Cottonseed				
		Production	Total sales to oil mills	Other <sup>1</sup>	Price	Value of production
	<i>1,000 acres</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	9,552.6	3,960	3,743	217	65.90	261,008
1967	7,997.3	3,210	3,017	193	55.20	177,406
1968	10,159.3	4,640	4,441	199	50.50	234,492
1969	11,051.1	4,068	3,863	205	41.10	167,254
1970	11,155.0	4,068	3,832	236	56.40	229,607
1971	11,470.9	4,240	4,007	233	56.80	240,930
1972	12,983.8	5,393	5,153	240	49.50	267,136
1973	11,970.2	5,016	4,720.7	295.3	100.00	501,191
1974	12,546.6	4,509.9	4,290.6	219.3	136.00	611,217
1975	8,796.0	3,218.0	2,863.6	354.4	97.00	312,264
1976	10,913.5	4,122.0	3,768.1	353.9	103.00	425,411
1977	13,275.3	5,521.4	4,832.1	689.3	70.30	388,035
1978	12,400.0	4,269.2	3,878.0	391.2	114.00	485,613
1979	12,830.9	5,778.3	4,779.2	999.1	121.00	697,617
1980 <sup>2</sup>	13,214.8	4,470.5	3,957.4	513.1	129.00	576,926

<sup>1</sup> Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses.      <sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 151.—Cottonseed: Production, farm disposition, and season average price per ton received by farmers, by States, 1978–80**

State	Production			Total sales to oil mills			Other <sup>2</sup>			Price for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</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>	<i>1,000 tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	109	122	99	102	115	94	7	7	5	103.00	116.00	118.00
Ariz	450	530	583	366	326	449	84	204	134	102.00	110.00	( <sup>3</sup> )
Ark	241	215	181	224	200	171	17	15	10	116.00	133.00	129.00
Calif	824	1,335	1,270	735	930	1,105	89	405	165	120.00	125.00	141.00
Fla	1.5	1.6	2.9	1.4	1.5	2.8	.1	.1	.1	125.00	120.00	125.00
Ga	43	54	30	40	50	25	3	4	5	105.00	105.00	125.00
Ky	0	0	0	0	0	0	0	0	0			
La	180	260	176	174	253	168	6	7	8	110.00	133.00	128.00
Miss	522	553	439	489	530	420	33	23	19	123.00	133.00	132.00
Mo	75	62	70	69	57	65	6	5	5	96.00	129.00	124.00
Nev	.7	.6	.5	.6	.6	.5	.1	0	0	110.00	110.00	128.00
N. Mex	44	44	45	40	40	40	4	4	5	125.00	115.00	124.00
N.C	16	15	19	14	13	17	2	2	2	115.00	124.00	117.00
Okla	143	209	82	131	201	74	12	8	8	119.00	114.00	127.00
S.C	43	42	30	40	39	28	3	3	2	111.00	118.00	120.00
Tenn	94	71	82	90	66	76	4	5	6	111.00	131.00	128.00
Tex	1,483	2,264	1,361	1,362	1,957	1,222	121	307	139	112.00	116.00	119.00
Va	( <sup>4</sup> )	.1	.1	( <sup>4</sup> )	.1	.1	0	0	0	100.00	128.00	130.00
U.S	4,269.2	5,778.3	4,470.5	3,878.0	4,779.2	3,957.4	391.2	999.1	513.1	114.00	121.00	129.00

<sup>1</sup> Preliminary.      <sup>2</sup> Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses.      <sup>3</sup> Not available because prices for a substantial portion of production remains unsettled.      <sup>4</sup> 36 tons.

Statistical Reporting Service.

Table 152.—Cottonseed: Crushings and output of products, United States, 1966-79

Year beginning August	Quantity crushed	Cottonseed products				Year beginning August	Quantity crushed	Cottonseed products			
		Crude oil	Cake and meal	Linters <sup>1</sup>	Hulls			Crude oil	Cake and meal	Linters <sup>1</sup>	Hulls
	1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons		1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons
1966	3,791	1,261	1,801	1,103	867	1973	4,792	1,551	2,176	1,341	1,173
1967	3,107	1,036	1,450	935	734	1974	4,226	1,347	1,885	1,269	1,072
1968	4,363	1,425	1,985	1,306	1,025	1975	2,952	986	1,315	847	773
1969	3,925	1,282	1,855	1,234	905	1976	3,499	1,141	1,570	983	916
1970	3,728	1,211	1,729	1,147	872	1977	4,313	1,386	1,976	1,174	1,076
1971	3,960	1,275	1,794	1,145	978	1978	4,097	1,328	1,955	1,077	1,034
1972	4,880	1,535	2,224	1,341	1,215	1979 <sup>2</sup>	4,231	1,365	1,952	( <sup>3</sup> )	1,100

<sup>1</sup> Production of linters is the output at oil mills only; this is slightly smaller than total output, including that at delinting plants. <sup>2</sup> Preliminary. <sup>3</sup> Not available.

Economic Research Service. Compiled from annual reports of the U.S. Department of Commerce.

Table 153.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1966-79<sup>1</sup>

Year beginning August	Cottonseed quality analysis <sup>2</sup>						Quantity <sup>3</sup>	Quality <sup>4</sup>	Average grade <sup>5</sup>	Samples graded <sup>6</sup>
	Oil	Ammonia	Linters	Moisture	Free fatty acids	Foreign matter				
	Percent	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1966	18.2	3.97	10.8	10.7	0.9	1.3	101.84	98.8	101.0	71,072
1967	18.4	3.89	10.7	10.1	.9	1.3	101.97	98.5	100.5	45,838
1968	18.0	3.91	11.2	10.6	.7	1.2	100.91	98.9	100.0	67,254
1969	17.9	3.97	11.1	10.6	.9	1.3	101.03	98.3	99.5	62,522
1970	17.8	3.92	11.3	10.8	1.6	1.3	100.52	97.1	98.0	60,118
1971	17.7	3.84	11.0	11.1	1.5	1.5	99.29	96.2	95.5	57,960
1972 <sup>7</sup>	17.3	3.92	.....	11.9	1.6	1.6	97.67	96.7	94.0	71,210
1973	18.0	3.94	.....	11.0	1.3	1.4	100.81	96.7	98.0	62,504
1974	17.7	3.82	.....	11.0	1.6	1.6	98.42	96.5	95.5	61,114
1975	18.0	3.75	.....	10.6	1.4	1.6	99.50	97.0	96.5	44,250
1976	17.7	3.88	.....	10.6	.7	1.8	98.93	98.4	97.5	52,048
1977	17.5	3.99	.....	10.8	1.8	1.4	98.85	95.6	94.5	61,466
1978	17.4	4.08	.....	10.5	.9	1.5	98.97	98.5	98.0	50,418
1979	17.6	3.92	.....	10.3	1.0	1.7	98.92	97.7	97.0	56,792

<sup>1</sup> U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas. <sup>2</sup> These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades. <sup>3</sup> The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, protein, and linters. <sup>4</sup> The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter. <sup>5</sup> The average grade is the product of the quantity index times the quality index. The base grade is 100.0. <sup>6</sup> Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture. <sup>7</sup> The linters factor was eliminated from official grade standards effective Sept. 4, 1972.

Agricultural Marketing Service.

Table 154.—Cottonseed oil, meal, and linters: Average price at specified points, 1966-79

Year beginning August	Oil, per pound		Meal, per ton <sup>3</sup>	Linters <sup>4</sup>	Year beginning August	Oil, per pound		Meal, per ton <sup>3</sup>	Linters <sup>4</sup>
	Crude <sup>1</sup>	Refined <sup>2</sup>				Crude <sup>1</sup>	Refined <sup>2</sup>		
	Cents	Cents	Dollars	Cents		Cents	Cents	Dollars	Cents
1966	12.89	15.78	77.50	6.62	1973	31.87	34.28	138.00	9.63
1967	12.67	15.54	77.40	5.61	1974	31.29	34.76	123.00	8.30
1968	11.56	15.54	65.20	4.57	1975	24.59	35.60	141.80	5.54
1969	12.05	16.33	71.10	3.68	1976	25.29	31.21	199.20	5.68
1970	14.71	18.81	72.60	3.83	1977	25.73	30.53	186.10	6.32
1971	13.23	17.63	73.90	4.01	1978	31.63	37.25	161.00	6.79
1972	13.72	17.88	144.80	3.91	1979	26.23	( <sup>5</sup> )	159.00	( <sup>5</sup> )

See footnotes on page 117.

Table 155.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination, years beginning October, 1977-79

Continent and country of destination	Cottonseed oil <sup>1</sup>			Cottonseed cake and meal		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <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>
<b>North America:</b>						
Bermuda	0	10	2	0	0	0
Canada	4,152	5,961	5,333	1,554	1,764	2,640
Panama Canal Zone	0	0	0	0	0	0
Costa Rica	0	6	1,898	0	0	0
Dominican Republic	7,004	37,586	28,414	0	0	0
Guatemala	0	0	0	0	0	0
Haiti	9	0	197	0	0	0
Jamaica	302	81	18	0	0	0
Mexico	219	2	182	5,050	1,191	35,049
Netherlands Antilles	0	4	4	0	8	0
Panama	6	0	0	0	0	0
Other countries	303	161	24,622	0	0	0
<b>Total<sup>3</sup></b>	<b>11,995</b>	<b>43,810</b>	<b>60,672</b>	<b>6,604</b>	<b>2,963</b>	<b>37,689</b>
<b>South America:</b>						
Brazil	0	0	0	9	45	116
Colombia	501	6	2	0	0	0
Ecuador	0	41	20	0	0	0
Peru	0	6	0	0	0	0
Surinam	0	387	0	0	0	0
Venezuela	43,097	30,209	72,301	0	0	0
Other countries	66	6	6	0	0	0
<b>Total<sup>3</sup></b>	<b>43,664</b>	<b>30,655</b>	<b>72,329</b>	<b>9</b>	<b>45</b>	<b>116</b>
<b>Europe:</b>						
Austria	0	0	0	120	200	200
Belgium and Luxembourg	1	603	1	239	344	1,196
Denmark	7	15	6	48,875	109,589	84,196
France	187	47	109	434	624	263
Germany, Fed. Rep. of	2,564	1,250	1	5,511	80	9,293
Ireland	0	0	0	81	142	21
Italy	0	4	4	525	315	343
Netherlands	2,094	4,041	5,225	0	455	2,866
Norway	0	0	0	3,294	8,636	4,120
Poland	0	0	0	35,078	10,471	17,472
Sweden	1,994	0	0	203	449	205
Switzerland	5,585	2	0	0	0	0
United Kingdom	1,369	2,101	479	0	0	0
Yugoslavia	0	0	0	0	0	0
Other countries	3	13	3,872	342	605	238
<b>Total<sup>3</sup></b>	<b>13,804</b>	<b>8,076</b>	<b>9,697</b>	<b>94,702</b>	<b>131,910</b>	<b>120,413</b>
<b>Africa:</b>						
Morocco	0	0	0	0	0	0
Egypt	192,789	135,098	157,085	0	0	0
Other countries	13	13	39	2,028	10	0
<b>Total<sup>3</sup></b>	<b>192,802</b>	<b>135,111</b>	<b>157,123</b>	<b>2,028</b>	<b>10</b>	<b>0</b>
<b>Asia:</b>						
Hong Kong	168	162	92	0	0	0
India	0	0	0	82	178	180
Iran	39,651	40,794	2	5	0	4
Israel	0	1	0	0	0	0
Japan	26,608	37,269	23,008	454	566	342
Korea, Rep. of	1,107	1,340	1,944	0	0	0
Ryukyu Islands	0	0	0	0	0	0
Pakistan	10,431	0	0	0	0	0
Philippines	5	5	2	0	0	52
Saudi Arabia	0	17	14	0	0	0
Turkey	0	0	2,999	0	5	55
Other countries	21	26	1,011	0	0	10
<b>Total<sup>3</sup></b>	<b>77,991</b>	<b>79,614</b>	<b>29,072</b>	<b>542</b>	<b>749</b>	<b>643</b>
<b>Oceania</b>	<b>3,866</b>	<b>2,415</b>	<b>1,296</b>	<b>20</b>	<b>5</b>	<b>0</b>
<b>Grand total<sup>3</sup></b>	<b>344,122</b>	<b>299,679</b>	<b>330,189</b>	<b>103,905</b>	<b>135,681</b>	<b>158,859</b>

<sup>1</sup>Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census. <sup>2</sup>Preliminary. <sup>3</sup>May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 156.—Flaxseed: Area, yield, production, disposition, and value, United States, 1966–80**

Year	Area planted <sup>1</sup>	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	2,679	2,576	9.1	23,390	937	22,453	2.89	67,620
1967	2,061	1,975	10.1	20,036	919	19,117	2.95	59,099
1968	2,177	2,092	12.9	26,983	1,130	25,853	2.81	75,694
1969	2,661	2,605	13.4	34,929	1,356	33,573	2.65	92,564
1970	2,950	2,836	10.4	29,416	839	28,577	2.40	70,506
1971	1,627	1,545	11.8	18,198	604	17,594	2.38	43,228
1972	1,189	1,149	12.1	13,883	768	13,115	3.10	43,019
1973	1,749	1,700	9.7	16,408	828	15,580	7.56	124,117
1974	1,742	1,659	8.5	14,083	759	13,324	9.67	136,196
1975	1,621	1,511	10.3	15,553	532	15,021	6.57	102,132
1976	1,045	955	7.9	7,580	633	6,947	7.08	53,754
1977	1,330	1,239	11.5	14,280	639	13,641	4.54	64,865
1978	710	687	12.5	8,614	476	8,138	5.74	49,435
1979	922	878	13.7	12,014	551	11,463	5.97	71,627
1980 <sup>3</sup>	809	703	11.6	8,128	421	7,707	7.27	59,054

<sup>1</sup> Includes area planted in preceding fall.

<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> Preliminary.

Statistical Reporting Service.

**Table 157.—Flaxseed: Stocks on and off farms, United States, 1966–80**

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 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>
1966	9,838	7,508	5,523	1,399	18,856	14,300	13,369	7,855
1967	8,796	6,785	4,924	1,304	14,549	11,424	9,027	5,664
1968	14,764	9,041	5,978	2,085	12,442	12,449	9,945	7,706
1969	18,320	12,967	10,429	4,481	20,918	18,693	17,491	17,343
1970	14,991	11,213	8,927	3,148	28,270	28,152	25,025	23,605
1971	9,020	6,903	4,999	2,502	31,353	28,150	23,028	17,630
1972	7,055	3,875	1,936	395	15,447	9,948	7,485	3,103
1973	6,806	3,974	2,616	667	7,571	6,395	4,363	1,885
1974	7,984	4,022	2,751	1,150	4,599	3,745	1,907	1,100
1975	7,552	4,220	3,009	1,830	6,228	5,533	4,164	3,060
1976	3,948	2,745	1,998	1,027	4,971	4,375	2,879	1,934
1977	8,787	5,461	4,241	2,709	4,307	5,168	3,905	2,606
1978	5,171	3,446	2,349	977	3,390	4,027	3,039	1,609
1979	7,449	4,909	3,967	2,681	2,999	4,723	3,249	2,337
1980 <sup>3</sup>	5,583	3,252	2,158	.....	3,200	3,423	2,252	.....

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.

<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

FOOTNOTES FOR TABLE 154

<sup>1</sup> In tanks, f.o.b. Valley Points.

<sup>2</sup> Jumbo tank deliveries, New York.

<sup>3</sup> On basis of 41 percent protein, bulk carlots, Memphis.

<sup>4</sup> Weighted average price of linters per pound.

<sup>5</sup> Not available.

Economic Research Service. Compiled from the National Provisioner, The Journal of Commerce, and reports of the U.S. Labor and Agriculture Departments.

Table 158.—Flaxseed: Supply and disappearance, United States, 1966–80

Year beginning June	Supply				Disappearance			
	Stocks June 1 <sup>1</sup>	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>
1966	17,882	23,390		41,272	1,469	6,837	20,196	29,367
1967	11,905	20,035	3	31,944	1,559	5,438	16,511	23,313
1968	8,631	26,893	1	35,615	1,968	9,531	14,436	23,993
1969	11,622	34,929		46,551	2,265	6,505	14,289	23,511
1970	23,040	29,416	1	52,457	1,262	3,220	18,155	23,559
1971	28,898	18,198	74	47,170	933	910	21,022	23,967
1972	23,203	13,883	3	37,089	1,398	9,881	19,932	31,604
1973	5,485	16,408	399	22,292	1,360	630	17,203	18,240
1974	4,052	14,083	130	18,265	1,231	372	13,386	15,234
1975	3,031	15,553	148	18,732	1,054	953	11,791	13,842
1976	4,890	7,580	2,168	14,638	1,043	196	10,677	11,481
1977	2,961	14,280	859	18,100	557	1,001	11,615	11,784
1978	5,315	8,614	1,557	15,486	724	91	13,009	12,809
1979	2,586	12,014	1,916	16,516	650	174	12,425	11,324
1980 <sup>4</sup>	5,018	8,128	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

<sup>1</sup>Prior to June 1, 1976, estimates are for July 1.  
<sup>2</sup>From domestic and imported seed.  
<sup>3</sup>Total supply minus exports and stocks June 1 of following year.  
<sup>4</sup>Preliminary.  
<sup>5</sup>Not available.

Economic Research Service.

Table 159.—Flaxseed: Area, yield, and production, by States, 1978–80

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>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>
Minn	145	160	140	142	153	125	15.5	14.5	12.5	2,201	2,219	1,563
N. Dak	360	480	380	350	460	310	11.5	13.0	10.0	4,025	5,980	3,100
S. Dak	180	270	285	175	260	265	12.5	14.5	13.0	2,188	3,770	3,445
Tex	25	12	4	20	5	3	10.0	9.0	6.7	200	45	20
U.S.	710	922	809	687	878	703	12.5	13.7	11.6	8,614	12,014	8,128

<sup>1</sup>Includes area planted in preceding fall.  
<sup>2</sup>Preliminary.

Statistical Reporting Service.

**Table 160.—Flaxseed: 1 Area, yield, and production in specified countries and the world, 1978–80**

Continent and country	Harvested area			Yield per acre			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</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	596	529	931	1.10	1.08	0.875	653	572	815
United States	338	412	309	1.07	.532	.987	363	219	305
Mexico	12	11	8	1.50	1.36	1.25	18	15	10
<b>Total</b>	<b>946</b>	<b>952</b>	<b>1,248</b>	<b>1.09</b>	<b>.847</b>	<b>.905</b>	<b>1,034</b>	<b>806</b>	<b>1,130</b>
<b>South America:</b>									
Argentina	840	976	976	1.02	.645	.761	855	630	743
Uruguay <sup>3</sup>	79	79	61	.506	.392	1.31	40	31	80
<b>Total<sup>4</sup></b>	<b>919</b>	<b>1,055</b>	<b>1,037</b>	<b>.974</b>	<b>.627</b>	<b>.794</b>	<b>895</b>	<b>661</b>	<b>823</b>
<b>Europe:</b>									
Belgium <sup>5</sup>	10	10	7	.700	.700	1.00	7	7	7
France <sup>6</sup>	46	54	47	.935	.574	.723	43	31	34
Italy <sup>5</sup>	10	10	7	.600	.300	.750	6	3	3
Netherlands <sup>5</sup>	6	6	4	1.00	.833	1.00	6	5	4
Other countries	0	0	0	...	...	...	0	0	0
<b>Total Western Europe<sup>4</sup></b>	<b>72</b>	<b>80</b>	<b>65</b>	<b>.861</b>	<b>.575</b>	<b>.738</b>	<b>62</b>	<b>46</b>	<b>48</b>
Czechoslovakia <sup>5</sup>	33	33	30	.333	.303	.167	11	10	5
Hungary	20	20	20	.450	.600	.500	9	12	10
Poland <sup>5</sup>	62	84	101	.613	.619	.594	38	52	60
Other countries	0	0	0	...	...	...	0	0	0
<b>Total Eastern Europe</b>	<b>115</b>	<b>137</b>	<b>151</b>	<b>.504</b>	<b>.540</b>	<b>.497</b>	<b>58</b>	<b>74</b>	<b>75</b>
<b>Total Europe<sup>4</sup></b>	<b>187</b>	<b>217</b>	<b>216</b>	<b>.642</b>	<b>.553</b>	<b>.569</b>	<b>120</b>	<b>120</b>	<b>123</b>
<b>Soviet Union<sup>5</sup></b>	<b>1,362</b>	<b>1,046</b>	<b>1,300</b>	<b>.220</b>	<b>.239</b>	<b>.192</b>	<b>300</b>	<b>250</b>	<b>250</b>
<b>Africa:</b>									
Egypt <sup>5</sup>	25	25	29	1.20	1.24	1.17	30	31	34
<b>Total<sup>4</sup></b>	<b>25</b>	<b>25</b>	<b>29</b>	<b>1.20</b>	<b>1.24</b>	<b>1.17</b>	<b>30</b>	<b>31</b>	<b>34</b>
<b>Asia:</b>									
Iran	3	3	3	1.00	1.00	1.00	3	3	3
Turkey (Europe and Asia) <sup>5</sup>	9	5	5	.667	.600	.600	6	3	3
India <sup>5</sup>	2,010	2,025	2,050	.262	.264	.132	527	535	270
Pakistan <sup>7</sup>	8	10	10	.500	.600	.600	4	6	6
Other countries	15	15	15	.467	.467	.467	7	7	7
<b>Total<sup>4</sup></b>	<b>2,045</b>	<b>2,058</b>	<b>2,083</b>	<b>.267</b>	<b>.269</b>	<b>.139</b>	<b>547</b>	<b>554</b>	<b>289</b>
<b>Oceania:</b>									
Australia <sup>7</sup>	46	46	45	.609	.283	.333	28	13	15
<b>Total<sup>4</sup></b>	<b>46</b>	<b>46</b>	<b>45</b>	<b>.609</b>	<b>.283</b>	<b>.333</b>	<b>28</b>	<b>13</b>	<b>15</b>
<b>World total<sup>4</sup></b>	<b>5,614</b>	<b>5,509</b>	<b>5,968</b>	<b>.526</b>	<b>.442</b>	<b>.446</b>	<b>2,954</b>	<b>2,435</b>	<b>2,664</b>

<sup>1</sup> Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1980 was combined with the Southern Hemisphere harvest which began late in 1980 and ended early in 1981. Estimates do not include China where annual production probably varies from 25,000 to 50,000 tons. <sup>2</sup> Preliminary. <sup>3</sup> Seeded area. <sup>4</sup> Includes estimates for the above countries for which data are not available and for minor producing countries. Totals may not add because of rounding. <sup>5</sup> Includes fiber flax area and seed production. <sup>6</sup> Area includes that harvested for seed and that portion of fiber area which is harvested for seed as well as fiber. Production includes seed from fiber flax. <sup>7</sup> Flaxseed from area grown for seed only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 161.—Flaxseed: Production, disposition, and value, by States, crop of 1980 (preliminary)**

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Minn .....	1,563	63	1,500	7.15	11,175	10,725
N.Dak .....	3,100	192	2,908	7.30	22,630	21,228
S.Dak .....	3,445	165	3,280	7.30	25,149	23,944
Tex .....	20	1	19	5.00	100	95
U.S .....	8,128	421	7,707	7.27	59,054	55,992

Statistical Reporting Service.

**Table 162.—Flaxseed: Price-support operations, United States, 1966–80**

Year beginning July	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1966 .....	2.90	73	2,255	9.6	1,034	4,553
1967 .....	2.90	73	2,707	13.5	1,207	2,115
1968 .....	2.90	72	6,231	23.0	4,998	6,925
1969 .....	2.75	64	13,006	37.2	12,307	16,651
1970 .....	2.50	58	13,911	47.1	13,366	26,726
1971 .....	2.50	56	6,867	37.7	3,852	18,717
1972 .....	2.50	56	673	4.8	157	140
1973 .....	2.50	51	137	.9	.....	.....
1974 .....	2.50	41	63	.5	.....	.....
1975 .....	( <sup>4</sup> )	.....	.....	.....	.....	.....
1976 .....	( <sup>4</sup> )	.....	.....	.....	.....	.....
1977 .....	( <sup>4</sup> )	.....	.....	.....	.....	.....
1978 .....	4.50	48	.....	.....	.....	.....
1979 .....	4.50	43	.....	.....	.....	.....
1980 .....	4.50	39	.....	.....	.....	.....

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made, purchase agreements entered into, and direct purchases.<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.<sup>4</sup> Price support not authorized for 1975, 1976, and 1977.

Agricultural Stabilization and Conservation Service.

**Table 163.—Flaxseed and linseed oil and meal: Average price, New York and Minneapolis, 1966–80**

Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Oil, per pound		Meal, per ton		Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Oil, per pound		Meal, per ton	
		New York <sup>2</sup>	Minneapolis <sup>2</sup>	New York <sup>3</sup>	Minneapolis <sup>4</sup>			New York <sup>3</sup>	Minneapolis <sup>4</sup>		
	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1966 ...	2.92	13.8	12.8	96.05	76.40	1974 ..	11.15	41.6	45.5	.....	125.75
1967 ...	3.19	14.2	13.1	94.35	75.50	1975 ..	6.35	30.2	30.6	.....	128.60
1968 ...	3.07	13.2	12.1	91.50	71.10	1976 ..	( <sup>5</sup> )	33.1	28.6	.....	165.30
1969 ...	2.87	12.7	11.8	89.95	69.00	1977 ..	.....	26.7	24.4	.....	130.30
1970 ...	2.65	11.0	9.6	87.75	62.10	1978 ..	.....	26.5	24.9	.....	145.80
1971 ...	2.68	10.3	8.8	85.80	67.75	1979 ..	.....	33.4	25.0	.....	144.53
1972 ...	4.37	12.5	10.1	( <sup>5</sup> )	131.50	1980 <sup>6</sup> ..	.....	( <sup>7</sup> )	29.8	.....	154.12
1973 ...	9.19	36.0	30.2	.....	145.40						

See footnotes on page 123.



**Table 164.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1966–80**

Year beginning June	Flaxseed crushed					Linseed oil				Linseed cake and meal		
	June-Aug.	Sept-Nov.	Dec.-Feb.	Mar.-May	Total	Stocks June 1	Production	Imports for consumption	Exports and shipments	Production	Imports for consumption	Exports and shipments
	<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>Million pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1966	4,875	6,235	4,533	4,533	20,196	260	415	( <sup>1</sup> ) 136	371	1	1	121
1967	3,561	5,379	4,007	3,564	16,511	212	343	( <sup>1</sup> ) 30	304	6	6	101
1968	2,651	4,825	3,700	3,260	14,436	205	301	( <sup>1</sup> ) 108	263	( <sup>2</sup> )	( <sup>2</sup> )	69
1969	2,464	4,864	3,296	3,665	14,289	152	290	( <sup>1</sup> ) 40	256	1	1	92
1970	3,533	4,689	4,549	5,384	18,155	130	363	( <sup>1</sup> ) 47	328	2	3	83
1971	4,950	5,074	5,390	5,608	21,022	187	428	( <sup>1</sup> ) 66	386	2	2	121
1972	5,642	5,579	4,380	4,331	19,932	275	393	( <sup>1</sup> ) 256	370	3	3	175
1973	5,136	5,462	3,310	3,295	17,203	127	344	( <sup>1</sup> ) 142	324	3	3	117
1974	3,569	4,928	3,071	1,818	13,386	71	263	( <sup>1</sup> ) 143	254	( <sup>2</sup> )	( <sup>2</sup> )	140
1975	2,218	4,515	2,352	2,705	11,790	49	231	( <sup>1</sup> ) 42	229	...	...	141
1976	2,899	2,646	2,745	2,387	10,677	49	217	( <sup>1</sup> ) 14	202	( <sup>2</sup> )	( <sup>2</sup> )	89
1977	2,897	2,887	2,638	3,193	11,615	88	232	( <sup>1</sup> ) 25	219	4	4	111
1978	4,310	2,483	2,367	3,869	13,029	70	259	( <sup>1</sup> ) 54	244	3	3	135
1979	3,215	3,383	2,318	3,666	12,582	44	256	( <sup>1</sup> ) 38	233	2	2	161
1980 <sup>3</sup>	2,465	( <sup>4</sup> )	( <sup>4</sup> )	...	...	54	...	...	...	...	...	...

<sup>1</sup> Less than 500,000 pounds.    <sup>2</sup> Less than 500 tons.    <sup>3</sup> Preliminary.    <sup>4</sup> Not included to avoid disclosure.

Economic Research Service.

**Table 165.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1977–79<sup>1</sup>**

Continent and country of destination	Flaxseed			Linseed oil <sup>3</sup>			Linseed cake and meal		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <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>	<i>Metric tons</i>
North America:									
Canada	0	0	0	168	118	465	68	832	0
Mexico	0	0	43	12	49	288	83	0	7
Panama	0	0	0	3	5	2	0	0	0
Other countries	12	24	0	36	117	30	100	0	0
Total <sup>4</sup>	12	24	43	219	289	785	251	832	7
South America:									
Peru	0	0	0	0	0	0	0	0	0
Venezuela	0	0	0	143	61	53	0	0	0
Other countries	0	0	0	34	5	68	0	0	0
Total <sup>4</sup>	0	0	0	178	66	121	0	0	0
Europe:									
Belgium and Luxembourg	144	355	136	0	0	2	0	0	0
Denmark	0	0	0	0	0	0	0	0	0
France	53	0	0	7	7	3	0	0	0
Germany, Fed. Rep. of	148	594	2,478	363	0	0	40,134	5,151	5,255
Italy	0	0	0	1	2	1	0	0	0
Netherlands	16,975	0	83	8,551	7,177	7,113	27,162	76,390	88,158
Poland	8,001	1,099	1,171	0	16,789	9,034	76,017	27,488	56,272
Spain	0	0	18	0	2	25	0	0	0
Sweden	0	0	0	0	0	17	0	0	0
Switzerland	0	0	0	0	0	0	0	0	0
United Kingdom	0	0	0	2,042	5	5	0	0	154
Other countries	0	0	0	16	9	5	0	0	0
Total <sup>4</sup>	25,322	2,048	3,886	10,980	23,991	16,205	143,313	109,029	149,839
Soviet Union	0	0	0	0	7	1	0	0	0

See footnotes at end of table.

**Table 165. — Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1977-79<sup>1</sup> — Continued**

Continent and country of destination	Flaxseed			Linseed oil <sup>3</sup>			Linseed cake and meal		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <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>	<i>Metric tons</i>
Africa .....	0	0	0	49	2	11	0	0	0
Asia:									
Japan .....	0	15	0	2	4	4	0	0	0
Korea, Rep. of .....	0	0	0	5	208	0	0	0	0
Philippines .....	0	0	0	8	5	0	0	0	0
Other countries .....	0	0	3	53	68	46	0	0	0
Total <sup>4</sup> .....	0	15	3	68	285	50	0	0	0
Oceania:									
Australia .....	0	0	0	6	31	4	0	0	0
Other countries .....	0	0	0	4	5	4	0	0	0
Total <sup>4</sup> .....	0	0	0	10	36	8	0	0	0
Grand total <sup>4</sup> .....	<sup>5</sup> 25,423	<sup>5</sup> 2,313	<sup>5</sup> 4,408	11,505	24,677	17,180	143,563	109,861	149,846

<sup>1</sup> For flaxseed and linseed oil, year begins June 1; for linseed cake and meal, year begins Oct. 1. <sup>2</sup> Preliminary. <sup>3</sup> Crude and refined combined as such. <sup>4</sup> Total may not add due to rounding. <sup>5</sup> Includes 89, 225 and 476 metric tons transhipped via Canada to unidentified countries in 1977, 1978 and 1979 respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 166. — Peanuts: Area, yield, production, disposition, season average price per pound received by farmers, and value, United States, 1966-80**

Crop of—	Area planted	Peanuts for nuts								
		Area harvested	Yield per acre	Production <sup>1</sup>	Used on farms where produced			Sold	Price	Value of production
					For seed <sup>2</sup>	Fed and lost	Household use			
	<i>1,000 acres</i>	<i>1,000 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>Cents</i>	<i>1,000 dollars</i>
1966 ..	1,490.1	1,420.7	1,700	2,415,731	27,661	2,675	3,351	2,382,044	11.3	272,861
1967 ..	1,473.8	1,403.5	1,765	2,477,255	26,695	2,740	2,949	2,444,871	11.4	282,107
1968 ..	1,495.9	1,438.4	1,770	2,546,591	22,765	2,281	2,654	2,518,891	11.9	303,726
1969 ..	1,512.1	1,455.7	1,742	2,535,394	22,107	1,922	2,581	2,508,784	12.3	312,358
1970 ..	1,517.6	1,469.2	2,030	2,983,121	20,704	1,963	2,853	2,957,601	12.8	382,967
1971 ..	1,528.9	1,454.5	2,066	3,005,118	18,848	1,830	2,753	2,981,687	13.6	408,371
1972 ..	1,532.8	1,486.4	2,203	3,274,761	17,359	<sup>3</sup> 4,821		3,252,581	14.5	475,367
1973 ..	1,530.2	1,495.7	2,323	3,473,837	18,723	4,705		3,450,409	16.2	562,460
1974 ..	1,519.6	1,472.1	2,491	3,667,604	<sup>4</sup> 24,398			3,643,206	17.9	657,987
1975 ..	1,531.9	1,500.0	2,564	3,846,722	<sup>4</sup> 26,668			3,820,054	19.6	754,491
1976 ..	1,544.6	1,517.5	2,464	3,739,190	26,251			3,712,939	20.0	746,675
1977 ..	1,540.6	1,512.4	2,456	3,715,055	25,231			3,689,824	21.0	780,869
1978 ..	1,540.8	1,509.1	2,619	3,952,384	26,369			3,926,015	21.1	833,885
1979 ..	1,545.9	1,519.7	2,611	3,968,485	26,297			3,942,188	20.6	819,276
1980 <sup>5</sup> ..	1,521.4	1,398.8	1,650	2,307,847	25,450			2,282,397	24.0	554,080

<sup>1</sup> Net weight basis. <sup>2</sup> Seed used for planting the crop of the following year. <sup>3</sup> Beginning 1972, not estimated separately. <sup>4</sup> Beginning 1974, not estimated separately. <sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 167.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1966-80**

Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>1,3</sup>	Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>3</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>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1966	11,543	2,415,731	2,427,274	2,157,124	1974	38,392	3,667,604	3,705,996	2,922,924
1967	6,514	2,477,255	2,483,769	2,258,972	1975	226,991	3,857,122	4,084,113	3,461,504
1968	7,359	2,546,591	2,553,950	2,275,008	1976	250,005	3,750,890	4,000,695	3,455,100
1969	9,056	2,535,394	2,544,450	2,267,926	1977	54,366	3,726,015	3,780,381	3,348,732
1970	2,809	2,983,121	2,985,930	2,615,892	1978	28,651	3,988,624	4,017,275	3,423,965
1971	14,223	3,005,118	3,019,341	2,650,296	1979	13,513	3,968,485	3,981,998	3,423,965
1972	27,394	3,274,761	3,302,155	2,888,272	1980 <sup>4</sup>	63,442	2,296,250	2,359,692	.....
1973	56,899	3,473,837	3,530,736	3,050,986					

<sup>1</sup> Beginning Aug. 1, 1966, net weight basis.<sup>2</sup> Net weight basis.<sup>3</sup> Excludes peanuts milled for seed.<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 168.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1966-80**

Year beginning August	Peanuts crushed (shelled oil stock)	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>
1966	418,292	51,900	172,840	4	3,536	6,360	232,796
1967	483,992	47,800	199,205	8	5,752	19,122	266,341
1968	491,447	34,500	205,222	37	25,747	9,148	275,210
1969	437,127	33,700	181,961	41	35,663	8,876	243,848
1970	600,855	25,337	253,544	32	43,999	7,738	340,351
1971	612,322	41,784	259,994	15	74,865	21,587	334,428
1972	638,755	32,110	268,950	23	104,907	2,979	359,769
1973	513,552	37,317	213,896	1,123	60,529	6,962	284,997
1974	443,665	33,342	188,365	20	34,681	6,838	245,584
1975	1,088,087	34,053	475,961	1,850	97,712	10,374	601,243
1976	833,158	136,926	362,611	32	45,878	5,863	466,544
1977	366,227	221,545	150,971	25	126,547	11,719	208,144
1978	395,951	46,029	164,284	43	40,488	10,933	217,988
1979	429,116	53,189	179,695	( <sup>4</sup> )	( <sup>4</sup> )	1,019	236,228
1980	.....	44,076	.....	.....	.....	8,830	.....

<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.<sup>4</sup> Not available.

Statistical Reporting Service and Economic Research Service.

## FOOTNOTES FOR TABLE 163

<sup>1</sup> Year beginning August for flaxseed; July for oil and meal.<sup>2</sup> Raw oil in tank cars.<sup>3</sup> Bulk carlots, 34 percent protein.<sup>4</sup> Bulk carlots, 32 to 37 percent protein.<sup>5</sup> Discontinued.<sup>6</sup> Preliminary.<sup>7</sup> Not available.

Economic Research Service.

**Table 169.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1966-80**

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports <sup>1</sup>	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1966	13,707	92,173	1,512	107,392	964	92,850	0.47
1967	13,578	93,328	1,708	108,614	363	92,879	.46
1968	15,372	103,380	871	119,623	992	103,766	.51
1969	14,865	107,026	201	122,092	1,530	104,503	.51
1970	16,059	119,146	1,269	136,474	6,436	114,072	.55
1971	15,966	121,009	1,299	138,274	35,801	81,588	.39
1972	20,885	113,341	1,039	135,265	4,369	113,237	.54
1973	17,659	149,503	79	167,241	66,094	86,055	.41
1974	15,092	132,185	127	147,404	17,703	111,872	.53
1975	17,829	154,788	207	172,804	22,708	119,529	.56
1976	30,567	150,764	432	181,763	24,765	138,841	.65
1977	18,157	198,076	272	216,505	64,284	126,583	.63
1978	25,638	233,497	53	259,188	94,612	116,536	.....
1979	48,199	183,831	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	.....
1980	30,591	.....	.....	.....	.....	.....	.....

<sup>1</sup>Includes shipments to Puerto Rico.   <sup>2</sup>Not available.

Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce.

**Table 170.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1966-80**

Year beginning August	Supply						Exports <sup>1</sup>	Crushed
	Stocks Aug. 1		Production		Imports	Total		
	Edible	Oil stock	Edible	Oil stock				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1966	249,316	8,960	1,176,829	361,026	577	1,796,708	166,316	418,292
1967	245,678	19,096	1,272,713	347,543	557	1,885,587	148,295	483,992
1968	219,717	28,617	1,252,042	352,057	769	1,853,202	79,623	491,447
1969	226,758	23,434	1,284,838	315,672	335	1,851,037	100,051	437,127
1970	238,325	12,677	1,373,076	482,274	204	2,106,566	213,027	600,855
1971	290,965	27,081	1,385,585	518,747	859	2,223,237	403,397	612,322
1972	224,529	33,783	1,503,124	567,067	443	2,328,946	385,588	638,755
1973	240,686	25,586	1,678,534	509,306	444	2,454,556	523,986	513,552
1974	359,752	16,126	1,557,098	558,409	466	2,491,851	548,083	443,665
1975	279,401	20,734	1,590,916	914,655	290	2,805,996	318,229	1,088,087
1976	315,667	83,174	1,757,043	729,842	66	2,885,792	580,496	833,158
1977	372,518	29,803	1,881,663	468,753	148	2,752,885	705,032	366,227
1978	358,984	37,366	1,943,628	435,972	161	2,776,111	745,593	395,951
1979	348,002	46,435	2,003,011	486,981	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	429,116
1980	371,658	29,491	.....	.....	.....	.....	.....	.....

<sup>1</sup>Includes shipments to Puerto Rico.   <sup>2</sup>Not available.

Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce.

**Table 171.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1966–79**

Type, and year beginning August	Shelled uses						Apparent disappear- ance (cleaned in shell) <sup>2</sup>
	Peanut butter <sup>1</sup>	Peanut butter sandwiches	Salted	Candy	Other	Total	
	<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>
<b>Virginia:</b>							
1966	68,663	7,970	163,676	54,861	5,371	300,541	
1967	48,585	7,925	168,652	58,815	5,533	289,510	
1968	38,415	8,548	173,447	57,444	4,940	282,794	
1969	47,355	6,983	177,319	58,679	7,834	298,170	
1970	50,294	7,895	176,816	58,729	5,895	299,629	
1971	40,685	8,211	173,597	52,157	4,550	279,200	
1972	46,435	7,770	167,941	50,597	4,508	277,251	
1973	72,614	3,821	171,695	53,052	4,336	305,518	
1974	67,461	2,978	132,861	51,278	3,180	257,758	
1975	62,244	3,068	147,933	52,335	2,746	268,326	
1976	46,167	4,566	98,992	49,876	2,222	201,823	
1977	49,517	3,994	88,773	44,260	2,164	188,708	
1978	48,824	4,655	91,426	48,424	2,531	195,860	
1979	47,462	7,353	83,755	27,899	2,493	168,962	
<b>Runner</b>							
1966	210,146	9,890	5,116	41,144	7,703	273,999	
1967	239,313	10,335	5,087	51,096	8,449	314,280	
1968	212,443	9,795	6,408	62,177	9,608	300,431	
1969	209,676	10,318	6,217	71,252	9,600	307,063	
1970	232,567	9,941	5,820	95,373	7,743	351,444	
1971	250,903	12,004	11,948	109,463	8,431	392,749	
1972	265,938	12,983	29,665	122,164	8,694	439,444	
1973	330,043	16,020	51,555	115,278	10,502	523,398	
1974	415,720	13,781	86,092	101,729	7,435	624,756	
1975	447,182	15,204	94,633	124,423	9,742	691,184	
1976	455,900	17,192	102,603	121,193	11,874	708,762	
1977	492,439	23,020	144,309	126,101	13,735	799,604	
1978	546,001	22,528	158,262	158,258	13,949	898,998	
1979	600,920	22,303	155,469	183,612	14,607	976,911	
<b>Spanish</b>							
1966	201,578	4,756	59,929	102,422	4,325	373,010	
1967	225,830	4,133	58,891	106,235	3,259	398,348	
1968	273,892	3,735	60,168	106,751	3,954	448,500	
1969	283,483	4,354	57,375	106,444	3,714	455,370	
1970	257,489	7,481	56,168	89,137	3,933	414,208	
1971	265,259	5,379	56,106	84,426	3,987	415,157	
1972	265,688	4,983	56,824	87,087	4,371	418,863	
1973	257,314	4,041	61,057	83,174	4,457	410,043	
1974	167,803	3,609	59,332	64,028	3,764	298,536	
1975	138,631	2,685	59,069	62,918	3,509	266,812	
1976	115,870	2,460	52,227	63,961	3,726	238,244	
1977	81,870	1,182	41,137	64,858	2,783	191,830	
1978	70,112	884	41,926	61,753	2,625	177,300	
1979	51,643	681	45,650	46,845	2,213	147,032	
<b>All types:</b>							
1966	480,387	22,616	228,721	198,427	17,399	947,550	92,302
1967	513,728	22,393	232,630	216,146	17,241	1,002,138	91,534
1968	524,750	22,078	240,023	226,372	18,502	1,031,725	103,887
1969	540,514	21,655	240,911	236,375	21,148	1,060,603	105,831
1970	540,350	25,317	238,804	243,239	17,571	1,065,281	119,236
1971	556,847	25,594	241,651	246,046	16,968	1,087,106	116,089
1972	578,061	25,646	254,430	259,848	17,573	1,135,558	116,567
1973	659,971	23,882	284,307	251,504	19,295	1,238,959	152,070
1974	650,984	20,368	278,285	217,034	14,379	1,181,050	129,447
1975	648,057	20,957	301,635	239,676	15,997	1,226,322	142,029
1976	617,937	24,218	253,822	235,030	17,822	1,148,829	163,177
1977	623,826	28,196	274,219	235,219	18,682	1,180,142	190,593
1978	664,937	28,067	291,614	268,435	19,105	1,272,158	210,935
1979	700,025	30,337	284,874	258,356	19,313	1,292,905	201,441

<sup>1</sup> Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches.

<sup>2</sup> Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

Statistical Reporting Service and Economic Research Service.

Table 172.—Peanuts: Area, yield, and production, by States 1978–80

State	Area planted			Peanuts for nuts								
				Area harvested			Yield per harvested acre			Production <sup>2</sup>		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ala . . . . .	211.0	211.0	209.0	209.0	210.0	200.0	2,640	2,785	1,325	551,760	584,850	265,000
Fla . . . . .	63.0	64.0	65.0	65.0	55.0	55.0	3,310	3,270	2,600	182,050	179,850	143,000
Ga . . . . .	530.0	530.0	530.0	526.0	527.0	514.0	3,280	3,235	1,935	1,725,280	1,704,845	994,590
Miss . . . . .	7.8	7.7	7.5	7.5	7.5	6.0	1,750	1,650	1,250	13,125	12,375	7,500
N. Mex . . . . .	9.5	9.2	8.9	9.4	9.2	8.8	2,560	2,750	2,540	24,064	25,300	22,352
N. C . . . . .	170.0	168.0	169.0	168.0	166.0	166.0	2,770	2,280	1,755	465,360	378,480	291,330
Okla . . . . .	123.0	123.0	123.0	115.0	120.0	105.0	1,800	2,200	1,335	207,000	264,000	140,175
S. C . . . . .	15.5	15.0	15.0	15.2	15.0	13.0	2,350	2,150	1,100	36,720	32,250	14,300
Tex . . . . .	307.0	315.0	290.0	301.0	309.0	230.0	1,450	1,725	1,275	436,450	533,025	293,250
Va . . . . .	104.0	103.0	104.0	103.0	101.0	101.0	3,025	2,510	1,350	311,575	253,510	136,350
U.S . . . . .	1,540.8	1,545.9	1,521.4	1,509.1	1,519.7	1,398.8	2,619	2,611	1,650	3,952,384	3,968,485	2,307,847

<sup>1</sup> Preliminary.    <sup>2</sup> Net weight basis.

Statistical Reporting Service.

Table 173.—Peanuts for nuts: Production, disposition, and value, by States, crop of 1980 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per pound	Value of—	
					Production	Sales
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala . . . . .	265,000	1,325	263,675	21.2	56,180	55,899
Fla . . . . .	143,000	429	142,571	22.0	31,460	31,366
Ga . . . . .	994,590	2,984	991,606	21.9	217,815	217,162
Miss . . . . .	7,500	420	7,080	20.0	1,500	1,416
N. Mex . . . . .	22,352	224	22,128	28.0	6,259	6,196
N. C . . . . .	291,330	8,740	282,590	22.6	65,841	63,865
Okla . . . . .	140,175	280	139,895	25.8	36,165	36,093
S. C . . . . .	14,300	214	14,086	21.6	3,089	3,043
Tex . . . . .	293,250	880	292,370	35.0	102,638	102,330
Va . . . . .	136,350	9,954	126,396	24.3	33,133	30,714
U.S . . . . .	2,307,847	25,450	2,282,397	24.0	554,080	548,084

Statistical Reporting Service.

Table 174.—Peanuts, farmers' stock: Average price per pound to growers, 1966–80<sup>1</sup>

Crop year <sup>2</sup>	Virginia type (Va.–N.C.)	Southeastern Runner	Southwestern Spanish	New Mexico Valencias	Crop year <sup>2</sup>	Virginia type (Va.–N.C.)	Southeastern Runner	Southwestern Spanish	New Mexico Valencias
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1966 . . . . .	12.2	10.6	11.3	11.4	1974 . . . . .	17.6	18.5	17.4	17.7
1967 . . . . .	11.9	11.4	10.9	12.4	1975 . . . . .	18.7	19.3	18.2	22.5
1968 . . . . .	13.0	11.5	11.8	13.0	1976 . . . . .	19.9	20.1	19.0	24.5
1969 . . . . .	13.4	12.4	12.4	13.6	1977 . . . . .	21.5	22.1	20.8	24.5
1970 . . . . .	13.8	13.0	12.5	13.9	1978 . . . . .	21.9	21.9	20.4	22.1
1971 . . . . .	14.2	14.6	13.6	13.8	1979 . . . . .	21.1	22.4	20.4	21.3
1972 . . . . .	14.6	15.1	14.2	15.2	1980 . . . . .	21.6	22.7	20.8	23.4
1973 . . . . .	16.2	16.6	15.6	16.9					

<sup>1</sup> Prices are based on average quality factors for each crop year as described in the price-support schedules and summaries of inspections as reported by the Federal-State Inspection Service.<sup>2</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina Section; in August, in the Southeastern and the Southwestern States.

Agricultural Marketing Service.

Table 175.—Peanuts, farmers' stock: Price-support operations, United States, 1966-80

Year beginning August	Support price		Put under support <sup>2,3</sup>		Owned by CCC July 31 <sup>3</sup>
	Per pound	Percentage of parity <sup>1</sup>	Quantity	Percentage of production	
	<i>Cents</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Million pounds</i>
1966	11.35	77	814	33.7	114
1967	11.35	75	685	27.7	12
1968	12.012	78	699	27.4	( <sup>4</sup> )
1969	12.375	76	622	24.5	( <sup>4</sup> )
1970	12.75	75	1,084	36.3	11
1971	13.425	75	1,238	41.2	4
1972	14.25	75	1,277	39.0	24
1973	16.425	75	1,029	29.6	0
1974	18.3	75	1,072	29.2	552
1975	19.725	75	1,136	29.5	958
1976	20.7	75	854	22.8	0
1977	21.525	75	535	14.4	2
1978	<sup>5</sup> 21.0	67	515	12.9	.....
1979	<sup>6</sup> 21.0	59	702	17.7	.....
1980	<sup>7</sup> 22.75	57	323	14.1	.....

<sup>1</sup>Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup>Includes loans made and direct purchases.

<sup>3</sup>Includes shelled peanuts converted to farmers' stock basis.

<sup>4</sup>Less than 500,000 pounds.

<sup>5</sup>Quota peanuts were supported at 21.0 cents per pound and additional peanuts at 12.5 cents per pound.

<sup>6</sup>Quota peanuts were supported at 21.0 cents per pound and additional peanuts at 15.0 cents per pound.

<sup>7</sup>Preliminary.

Agricultural Stabilization and Conservation Service.

Table 176.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1970-79<sup>1</sup>

Classification	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<b>Southeastern area:</b>										
Georgia, Alabama, and Florida:										
Shelled:										
Runner Jumbo <sup>2</sup>	<i>Cents</i>	24 1/8	25 7/8	29 3/4	32 1/2	33 1/2	34 3/8	37 1/4	36 3/4	37 1/8
Runner Medium		20 5/8	22 5/8	23 1/4	26	26 1/2	27 1/8	26 3/4	32 1/4	33 5/8
Runner U.S. Splits										
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy	21 1/8	23 1/8	23 7/8	26 1/2	33 3/4	30 3/4	32 1/2	36 1/2	34	36 3/4
Shelled Virginias:										
Extra large	25 1/8	27 1/2	32 1/2	34 1/2	40 5/8	39 5/8	39 5/8	40 5/8	42 3/4	47 1/4
Medium	22 3/4	26 3/8	29 7/8	32 1/8	34 3/8	36 5/8	37 1/4	38 5/8	37 3/8	39 3/8
No. 2 with 70% splits	20 3/4	22 1/4	23 1/8	25 1/4	25 1/4	24 3/4	25 5/8	30 1/4	31 3/8	33 3/4
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1	21 3/4	23 3/8	24 1/4	30 1/8	30 7/8	34 1/4	36 1/4	40 1/8	38 3/8	38 7/8
Spanish U.S. Splits	21 1/4	23	23 1/2	26 7/8	27 1/4	27 1/8	27 1/2	33 1/2	34 5/8	36 1/8
New Mexico:										
Handpicked unshelled Valencias <sup>3</sup>	20 5/8	21 3/4	22	25 1/2	29 3/4	31 3/8	32 1/8	34 1/2	35 5/8	36 7/8

<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>Not reported before 1971 crop.

<sup>3</sup>No U.S. grade standards apply to Valencia peanuts.

Agricultural Marketing Service.

Table 177.—Peanuts:<sup>1</sup> Area and production in specified countries and the world, 1977-78/1979-80

Continent and country	Harvested area <sup>2</sup>			Production		
	1977-78	1978-79	1979-80 <sup>3</sup>	1977-78	1978-79	1979-80 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>						
United States .....	614	611	615	1,690	1,793	1,800
Mexico .....	38	42	38	72	79	64
Cuba .....	15	15	15	15	15	15
Dominican Republic .....	52	50	48	64	57	69
Other countries .....	4	4	4	2	2	2
<b>Total<sup>4</sup></b> .....	<b>723</b>	<b>722</b>	<b>720</b>	<b>1,843</b>	<b>1,946</b>	<b>1,950</b>
<b>South America:</b>						
Argentina .....	428	393	281	372	672	295
Brazil <sup>5</sup> .....	253	286	320	340	465	545
Paraguay .....	23	24	24	25	23	34
Uruguay .....	3	3	3	3	3	3
Other countries .....	44	51	45	53	50	61
<b>Total</b> .....	<b>751</b>	<b>757</b>	<b>677</b>	<b>793</b>	<b>1,213</b>	<b>938</b>
<b>Europe:</b>						
Total (including Soviet Union) .....	12	12	12	23	22	23
<b>Africa:</b>						
Sudan .....	1,104	981	980	1,021	829	850
Egypt .....	18	20	18	30	33	33
Cameroon .....	202	202	202	90	90	90
Ghana .....	109	109	109	75	45	45
Zaire .....	270	270	270	295	295	295
Gambia .....	100	100	100	94	151	79
Ivory Coast .....	52	52	52	49	50	52
Madagascar .....	49	38	46	47	34	43
Mali .....	97	97	97	120	150	150
Mozambique <sup>6</sup> .....	200	200	200	70	80	75
Niger .....	160	160	160	82	82	85
Nigeria .....	820	600	600	390	450	540
Malawi .....	239	200	200	140	110	125
Zimbabwe .....	170	170	125	120	105	78
Zambia .....	75	22	35	3	22	27
Senegal .....	1,079	1,054	1,097	671	1,050	600
South Africa <sup>5</sup> .....	214	213	280	305	179	340
Other countries .....	1,141	1,067	1,150	837	849	848
<b>Total<sup>4</sup></b> .....	<b>6,099</b>	<b>5,640</b>	<b>5,721</b>	<b>4,439</b>	<b>4,604</b>	<b>4,355</b>
<b>Asia:</b>						
Israel .....	6	6	6	21	27	22
Turkey (Europe and Asia) .....	22	22	23	50	52	52
China .....	1,750	1,850	2,100	2,065	2,377	2,822
Taiwan .....	53	58	54	77	92	86
Burma <sup>5</sup> .....	599	558	599	464	390	422
India .....	7,029	7,433	7,238	6,087	6,208	5,772
Indonesia .....	506	490	500	743	697	750
Japan <sup>5</sup> .....	35	35	34	69	62	67
Pakistan <sup>6</sup> .....	51	36	47	72	72	50
Philippines .....	48	48	54	37	38	50
Thailand .....	103	106	120	106	101	123
Other countries .....	165	738	248	191	200	201
<b>Total<sup>4</sup></b> .....	<b>10,367</b>	<b>10,815</b>	<b>11,023</b>	<b>9,982</b>	<b>10,316</b>	<b>10,417</b>
<b>Oceania: Australia</b> .....	<b>31</b>	<b>38</b>	<b>36</b>	<b>32</b>	<b>62</b>	<b>38</b>
<b>World total<sup>4</sup></b> .....	<b>17,983</b>	<b>17,984</b>	<b>18,189</b>	<b>17,112</b>	<b>18,163</b>	<b>17,721</b>

<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> Includes estimates for the above countries for which data are not available.

<sup>5</sup> Planted area.

<sup>6</sup> Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



**Table 178.—Soybeans: Area, yield, production, disposition, and value, United States, 1966-80**

Year	Area planted	Soybeans for beans							
		Area harvested	Yield per acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production
					For seed	Fed to livestock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1966	37,294	36,546	25.4	928,481	23,322	949	904,210	2.75	2,553,612
1967	40,819	39,805	24.5	976,439	23,092	921	952,426	2.49	2,433,519
1968	42,265	41,391	26.7	1,106,958	21,301	873	1,084,784	2.43	2,688,571
1969	42,534	41,337	27.4	1,133,120	20,260	885	1,111,975	2.35	2,664,204
1970	43,082	42,249	26.7	1,127,100	19,398	1,074	1,106,628	2.85	3,214,710
1971	43,476	42,705	27.5	1,176,101	20,793	1,082	1,154,226	3.03	3,560,022
1972	46,866	45,683	27.8	1,270,608	22,569	1,116	1,246,923	4.37	5,550,074
1973	56,549	55,667	27.8	1,547,543	22,521	1,250	1,523,772	5.68	8,790,042
1974	52,479	51,341	23.7	1,216,287	<sup>2</sup> 25,317		1,190,970	6.64	8,078,943
1975	54,590	53,617	28.9	1,548,344	21,679		1,526,665	4.92	7,622,493
1976	50,269	49,401	26.1	1,288,608	23,894		1,264,714	6.81	8,775,761
1977	58,978	57,830	30.6	1,767,267	25,432		1,741,835	5.88	10,383,377
1978	64,708	63,663	29.4	1,868,754	25,657		1,843,097	6.66	12,449,679
1979	71,632	70,566	32.1	2,267,901	26,543		2,241,358	6.28	14,250,219
1980 <sup>3</sup>	70,087	67,856	26.8	1,817,097	24,595		1,792,502	7.61	13,824,943

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup> Beginning 1974, not estimated separately.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 179.—Soybeans: Stocks on and off farms, United States, 1966-81**

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Sept. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Sept. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1966	284,312	149,747	19,155	4,412	334,554	225,888	114,867	31,227
1967	344,394	217,411	84,611	41,626	377,041	240,500	114,170	48,511
1968	350,816	235,842	120,602	60,709	432,333	301,182	164,889	105,618
1969	410,168	276,930	141,360	71,852	550,329	452,343	316,815	254,992
1970	372,069	209,236	78,711	40,580	683,425	525,001	324,676	189,256
1971	391,960	246,491	90,595	20,554	553,012	369,063	190,832	78,225
1972	397,631	218,618	58,440	11,779	491,387	333,677	174,394	60,183
1973	428,798	145,261	33,847	9,412	437,924	358,372	145,352	50,222
1974	607,233	331,211	150,738	64,414	552,756	405,943	190,865	106,337
1975	484,978	332,096	165,597	78,229	505,392	323,317	191,704	109,922
1976	590,926	411,535	254,029	86,159	665,689	456,283	300,938	158,781
1977	473,405	227,794	92,400	32,756	559,045	390,214	243,335	70,168
1978	674,550	394,405	207,541	59,132	652,400	455,448	298,815	102,044
1979	699,556	412,570	241,255	61,509	692,534	467,646	284,850	112,579
1980	892,934	602,779	396,650	128,888	877,896	580,322	378,152	229,880
1981 <sup>4</sup>	738,845	539,645	.....	.....	790,300	493,907	.....	.....

<sup>1</sup> Prior to 1976, estimates are for July 1.

<sup>2</sup> Old crop only.

<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 180.—Soybeans: Supply and disappearance, United States, 1966–80

Year beginning September	Supply					
	Stocks by position				Production	Total
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <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>
1966	4,412	31,227		35,639	928,481	964,120
1967	41,626	48,511		90,137	978,439	1,066,576
1968	60,709	105,539	29	166,327	1,106,958	1,273,285
1969	71,852	249,666	5,326	326,844	1,133,120	1,459,964
1970	40,580	180,518	8,738	299,836	1,127,100	1,356,936
1971	20,554	78,223	2	98,779	1,176,101	1,274,880
1972	11,779	60,183		71,962	1,270,608	1,342,570
1973	9,412	50,222		59,634	1,547,543	1,607,177
1974	64,414	106,337		170,751	1,216,287	1,387,038
1975	78,229	109,922		188,151	1,547,383	1,735,534
1976	86,150	158,781		244,931	1,287,260	1,532,491
1977	32,748	70,168		102,916	1,761,764	1,864,680
1978	59,000	102,044		161,044	1,868,754	2,029,798
1979	61,509	112,579		174,080	2,267,901	2,441,981
1980	128,888	229,880		358,768	1,817,097	2,175,865

  

Year beginning September	Disappearance				
	Seed <sup>2</sup>	Crushed <sup>3</sup>	Feed and residual <sup>4</sup>	Net exports <sup>5</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>
1966	47,110	559,403	5,879	261,591	873,983
1967	48,563	576,390	8,719	266,577	900,249
1968	47,302	605,920	6,443	286,776	946,441
1969	48,533	737,349	11,644	432,602	1,230,128
1970	48,105	760,129	16,122	433,801	1,258,157
1971	50,986	720,544	14,559	416,829	1,202,918
1972	60,755	721,800	20,940	479,441	1,282,936
1973	56,093	821,313	19,890	539,130	1,436,426
1974	57,226	701,262	19,697	420,702	1,198,887
1975	53,542	865,121	16,845	555,095	1,490,603
1976	65,000	790,204	10,308	564,063	1,429,575
1977		926,658	78,469	700,483	1,703,627
1978		1,017,820	87,000	752,979	1,857,799
1979		1,123,382	85,000	875,173	2,083,555

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Other CCC-owned grain included in the estimates by positions.

<sup>2</sup> Preliminary.

<sup>3</sup> Seed, feed, and residual are combined, beginning 1977.

<sup>4</sup> Reported by the U.S. Department of Commerce.

<sup>5</sup> Imports negligible.

Economic Research Service.

#### FOOTNOTES FOR TABLE 182

<sup>1</sup> Preliminary.

<sup>2</sup> Not available.

Economic Research Service. Data from the U.S. Department of Commerce.

Table 181.—Soybeans: Area, yield, and production, by States, 1978-80

State	Area planted			Soybeans for beans								
	1978	1979	1980 <sup>1</sup>	Area harvested			Yield per harvested acre			Production		
				1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>	<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>
Ala . . . .	1,900	2,200	2,250	1,850	2,150	2,100	21.0	25.0	15.0	38,850	53,750	31,500
Ark . . . .	4,750	5,200	4,800	4,700	5,150	4,350	24.5	28.0	16.0	115,150	144,200	69,600
Del . . . .	265	280	265	260	275	260	29.0	30.0	20.0	7,540	8,250	5,200
Fla . . . .	420	460	475	410	453	460	25.0	29.0	22.0	10,250	13,137	10,120
Ga . . . .	1,750	2,150	2,450	1,680	2,100	2,140	17.5	28.0	12.0	29,400	58,800	25,680
Ill . . . .	9,300	9,800	9,300	9,240	9,720	9,250	33.5	39.0	33.5	309,540	379,080	309,875
Ind . . . .	4,200	4,500	4,400	4,180	4,420	4,380	34.5	36.0	36.0	144,210	159,120	157,680
Iowa . . . .	7,600	8,200	8,300	7,550	8,170	8,270	37.5	37.5	39.0	283,125	306,375	322,530
Kans . . . .	1,520	1,580	1,550	1,490	1,560	1,450	18.0	26.5	16.5	26,820	41,340	23,925
Ky . . . .	1,400	1,720	1,650	1,360	1,660	1,600	30.0	32.5	23.0	40,800	53,950	36,800
La . . . .	3,100	3,400	3,450	3,040	3,350	3,350	25.0	28.0	21.0	76,000	93,800	70,350
Md . . . .	385	410	400	380	405	390	32.0	30.0	24.0	12,160	12,150	9,360
Mich . . . .	910	1,020	960	900	1,010	950	24.0	30.0	32.0	21,600	30,300	30,400
Minn . . . .	4,100	5,150	4,800	4,060	5,080	4,760	36.0	32.0	32.0	146,160	162,560	152,320
Miss . . . .	3,900	4,200	4,000	3,800	4,100	3,850	21.5	29.0	16.0	81,700	118,900	61,600
Mo . . . .	5,500	5,900	5,700	5,440	5,830	5,530	28.5	31.5	25.0	155,040	183,645	138,250
Nebr . . . .	1,270	1,630	1,830	1,250	1,610	1,770	34.0	34.0	30.0	42,500	54,740	53,100
N.J . . . .	195	205	200	191	203	194	31.0	30.0	18.0	5,921	6,090	3,492
N.Y . . . .	25	26	20	24	25	19	23.0	26.0	24.0	552	650	456
N.C . . . .	1,750	2,000	2,030	1,680	1,950	1,930	24.0	23.5	18.5	40,320	45,825	35,705
N. Dak . . . .	175	210	210	173	206	200	27.5	27.0	17.5	4,758	5,562	3,500
Ohio . . . .	3,900	4,100	3,800	3,870	4,080	3,760	33.0	35.5	36.0	127,710	144,840	135,360
Okla . . . .	370	390	350	340	360	300	15.0	23.0	10.0	5,100	8,280	3,000
Pa . . . .	83	101	112	80	98	103	31.5	32.0	24.5	2,520	3,136	2,524
S.C . . . .	1,510	1,700	1,700	1,470	1,660	1,600	22.0	24.0	14.0	32,340	39,840	22,400
S. Dak . . . .	400	700	780	390	685	770	30.5	33.0	26.0	11,895	22,605	20,020
Tenn . . . .	2,530	2,700	2,650	2,420	2,620	2,550	23.5	27.0	19.0	56,870	70,740	48,450
Tex . . . .	800	860	700	745	805	630	26.5	26.0	22.0	19,743	20,930	13,860
Va . . . .	480	540	620	475	536	610	28.0	28.5	15.0	13,300	15,276	9,150
Wis . . . .	220	300	335	215	295	330	32.0	34.0	33.0	6,880	10,030	10,890
U.S . . . .	64,708	71,632	70,087	63,663	70,566	67,856	29.4	32.1	26.8	1,868,754	2,267,901	1,817,097

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 182.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1966-80

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total	Stocks Oct. 1	Production	Exports and shipments	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>
1966 . . . .	143,653	142,106	145,507	135,054	566,320	462	6,076	1,105	132	13,483	2,657
1967 . . . .	152,600	148,090	140,960	130,777	572,427	596	6,032	993	138	13,660	2,899
1968 . . . .	162,479	149,442	155,465	147,837	615,223	540	6,531	899	145	14,581	3,044
1969 . . . .	186,968	184,637	193,571	177,961	743,137	415	7,904	1,449	157	17,596	4,035
1970 . . . .	200,759	191,422	188,632	180,452	761,265	543	8,265	1,782	137	18,035	4,559
1971 . . . .	183,334	187,975	178,657	168,297	718,263	773	7,892	1,440	146	17,024	3,805
1972 . . . .	206,728	199,750	172,122	132,446	711,046	785	7,501	1,088	192	16,708	4,745
1973 . . . .	207,370	220,861	210,723	194,517	833,471	516	8,995	1,461	183	19,674	5,548
1974 . . . .	182,656	178,196	163,587	179,710	704,149	794	7,375	1,090	157	16,702	4,299
1975 . . . .	220,260	222,106	231,457	203,666	877,489	561	9,630	1,034	358	20,754	5,145
1976 . . . .	219,012	218,168	184,431	151,666	773,277	1,251	8,578	1,608	355	18,488	4,614
1977 . . . .	247,701	247,190	235,108	216,180	946,179	767	10,288	2,137	228	22,317	6,080
1978 . . . .	275,260	261,117	253,009	232,980	1,022,266	729	11,323	2,409	243	24,354	6,610
1979 . . . .	301,607	308,887	268,451	250,126	1,129,071	776	12,105	2,280	267	27,105	7,909
1980 <sup>1</sup> . . . .	290,356	260,450	.....	.....	.....	1,210	( <sup>2</sup> )	( <sup>2</sup> )	226	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes on page 130.

Table 183.—Soybeans for beans: Production, disposition, and value, by States, crop of 1980 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	31,500	283	31,217	7.60	239,400	237,249
Ark	69,600	2,018	67,582	8.05	560,280	544,035
Del	5,200	161	5,039	8.10	42,120	40,816
Fla	10,120	71	10,049	7.90	79,948	79,387
Ga	25,680	514	25,166	7.55	193,884	190,003
Ill	309,875	3,409	306,466	7.70	2,386,038	2,359,788
Ind	157,680	1,577	156,103	7.70	1,214,136	1,201,993
Iowa	322,530	2,580	319,950	7.45	2,402,849	2,383,628
Kans	23,925	598	23,327	7.60	181,830	177,285
Ky	36,800	515	36,285	7.70	283,360	279,395
La	70,350	211	70,139	7.90	555,765	554,098
Md	9,360	262	9,098	8.10	75,816	73,694
Mich	30,400	608	29,792	7.35	223,440	218,971
Minn	152,320	2,285	150,035	7.10	1,081,472	1,065,249
Miss	61,600	1,109	60,491	7.75	477,400	468,805
Mo	138,250	2,212	136,038	7.65	1,057,613	1,040,691
Nebr	53,100	796	52,304	7.35	390,285	384,434
N.J	3,492	77	3,415	7.85	27,412	26,808
N.Y	456	36	420	7.50	3,420	3,150
N.C	35,705	678	35,027	7.85	280,284	274,962
N. Dak	3,500	101	3,399	6.65	23,275	22,603
Ohio	135,360	1,624	133,736	7.65	1,035,504	1,023,080
Okla	3,000	93	2,907	7.75	23,250	22,529
Pa	2,524	114	2,410	7.85	19,813	18,919
S.C	22,400	717	21,683	7.70	172,480	166,959
S. Dak	20,020	500	19,520	7.35	147,147	143,472
Tenn	48,450	921	47,529	8.00	387,600	380,232
Tex	13,860	55	13,805	7.60	105,336	104,918
Va	9,150	274	8,876	8.00	73,200	71,008
Wis	10,890	196	10,694	7.40	80,586	79,136
U.S	1,817,097	24,595	1,792,502	7.61	13,824,943	13,637,297

Statistical Reporting Service.

Table 184.—Soybeans: Price-support operations, United States, 1966–81

Year beginning October	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC Sept. 30
	Per bushel	Percentage of parity <sup>1</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1966	2.50	78	153,521	16.5	26,421	7,340
1967	2.50	76	201,371	20.6	84,361	29,435
1968	2.50	74	340,271	30.8	170,102	171,423
1969	2.25	62	179,499	15.9	232	150,191
1970	2.25	60	146,420	13.0	37	2,500
1971	2.25	56	168,204	14.3	45	1
1972	2.25	54	90,555	7.1	7	
1973	2.25	45	124,177	8.0	4	
1974	2.25	37	34,554	2.8		
1975	( <sup>4</sup> )					
1976	2.50	34	22,471	1.7		
1977	3.50	46	97,548	5.5		
1978	4.50	51	64,173	3.4		
1979	4.50	45	120,000	5.3		
1980	4.50	38				
1981	5.02					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made, purchase agreements entered into, and direct purchases.<sup>3</sup> Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.<sup>4</sup> Price support not authorized for the 1975 crop.<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 185.—Soybeans, soybean oil, and meal: Average price at specified markets, 1966–79

Year beginning October	Soybeans per bushel: No. 1 Yellow Chicago	Oil, domestic, per pound		Meal per ton: 44 percent protein bulk, Decatur	Year beginning October	Soybeans, per bushel: No. 1 Yellow Chicago	Oil, domestic, per pound		Meal, per ton: 44 percent protein, bulk, Decatur
		Crude, tanks, f.o.b. Decatur	Refined, tanks New York <sup>1</sup>				Crude, tanks, f.o.b. Decatur	Refined, tanks, New York <sup>1</sup>	
	Dollars	Cents	Cents	Dollars		Dollars	Cents	Cents	Dollars
1966	3.11	9.3	12.4	78.80	1973	6.21	31.5	33.0	148.30
1967	2.87	8.4	10.5	76.90	1974	6.89	30.7	33.1	131.70
1968	2.62	9.1	10.4	74.10	1975	5.33	18.3	23.5	147.80
1969	2.64	11.2	13.1	78.40	1976	7.24	23.9	29.2	199.80
1970	3.08	12.8	14.6	78.50	1977	6.21	24.5	26.9	164.20
1971	3.33	11.3	12.7	90.20	1978	7.14	27.1	32.9	190.10
1972	6.52	16.5	17.7	229.00	1979	6.53	24.3	( <sup>2</sup> )	181.90

<sup>1</sup>Quotations are price-per-pound drums prior to January 1959. <sup>2</sup>Not available.

Economic Research Service.

Table 186.—Soybeans: Area, yield, and production in specified countries and the world, 1977–78/1979–80<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per acre			Production		
	1977–78	1978–79	1979–80 <sup>3</sup>	1977–78	1978–79	1979–80 <sup>3</sup>	1977–78	1978–79	1979–80 <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
North America:									
Canada	285	283	283	1.81	2.37	2.51	516	671	713
United States <sup>4</sup>	25,764	28,557	27,461	1.96	2.16	1.80	50,589	61,722	49,453
Mexico	215	380	150	1.53	1.79	1.87	330	680	280
South America:									
Argentina	1,600	1,780	1,860	2.31	1.97	2.10	3,700	3,500	3,900
Brazil	8,255	8,762	8,975	1.25	1.72	1.72	10,326	15,040	15,400
Colombia	69	71	79	1.99	2.06	1.96	137	146	155
Paraguay <sup>5</sup>	365	435	520	1.23	1.38	1.35	450	600	700
Europe:									
Romania	202	302	360	1.14	1.25	.917	230	376	330
Yugoslavia	34	31	35	1.85	2.16	1.57	63	67	55
Soviet Union (Europe and Asia)	815	838	876	.784	.557	.616	639	467	540
Africa:									
Nigeria <sup>6</sup>	5	5	8	.600	.600	.625	3	3	5
South Africa <sup>6,7</sup>	26	28	33	1.08	1.39	1.52	28	39	50
Asia:									
Iran	67	70	65	1.72	1.86	1.77	115	130	115
Turkey (Europe and Asia)	3	3	6	1.00	1.00	1.33	3	3	8
China	7,100	7,200	7,300	1.07	1.04	1.03	7,600	7,500	7,500
Taiwan	24	19	25	1.71	1.68	1.60	41	32	40
Indonesia	764	765	770	.882	.850	.857	674	650	660
Japan <sup>5</sup>	127	130	130	1.50	1.48	1.34	190	192	174
Korea, Rep. of <sup>5</sup>	300	300	300	1.07	1.10	1.10	320	330	330
Philippines	9	9	10	.667	.778	.800	6	7	8
Thailand	115	120	125	.817	.792	.800	94	95	100
Other countries	837	945	1,069	1.40	1.19	1.18	1,171	1,121	1,258
World total <sup>8</sup>	46,981	51,033	50,440	1.64	1.83	1.62	77,225	93,371	81,774

<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> Area harvested for beans.

<sup>5</sup> Planted area.

<sup>6</sup> Quantities purchased by the Nigerian Marketing Boards for exports.

<sup>7</sup> European farms only.

<sup>8</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 187.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, crop years 1977-79<sup>1</sup>

Continent and country of destination	Soybeans			Soybean oil <sup>2</sup>			Soybean oilseed cake and meal		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
North America:	<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>
Barbados	45	21	0	51	346	958	3,662	5,240	9,975
Canada	263,603	352,918	391,985	27,736	20,890	14,801	339,465	416,034	355,869
Haiti	0	0	0	13,756	17,222	22,794	1,481	0	163
Jamaica	44,821	46,851	60,699	3,773	4,225	1,728	8,648	12,885	4,837
Mexico	525,027	584,605	781,284	29,592	5,118	31,427	95,410	91,160	147,682
Netherlands									
Antilles	0	0	0	1,374	1,281	1,908	431	547	1,331
Panama	0	0	0	8,293	18,951	17,869	4,447	8,478	11,126
Total <sup>4</sup>	863,882	1,001,267	1,279,629	108,559	115,480	132,684	562,506	641,247	676,251
South America:									
Bolivia	0	0	16	889	935	1,201	0	0	0
Chile	0	0	0	21,972	22,819	13,237	152	2,499	0
Colombia	18	0	37,644	44,053	84,051	82,566	464	5,248	3,270
Ecuador	0	2,720	62	26,006	22,442	35,341	3,311	0	0
Peru	35,000	22,576	0	68,603	29,381	36,171	0	0	21,817
Surinam	5	0	0	7	26	38	0	45	45
Venezuela	54,281	55,730	47,583	369	12,692	9,902	114,200	244,351	328,851
Total <sup>4</sup>	91,715	159,630	152,105	162,798	175,852	254,630	121,498	257,143	358,915
Europe:									
Belgium and Luxembourg	475,343	420,208	584,489	1,999	3	34	36,986	3,817	13,336
Czechoslovakia	0	0	1,524	0	0	0	63,714	174,487	213,511
Denmark	423,258	341,183	342,261	3	5	1	26,069	65,632	48,467
France	572,533	674,603	799,274	4,999	3,569	2,940	146,611	355,096	270,214
Germany, Fed. Rep. of	1,521,358	1,485,772	1,318,241	7,879	33	103	1,004,361	717,575	1,012,670
Greece	82,929	110,626	16,625	0	0	17	39,432	37,366	2,523
Iceland	0	0	0	40	42	27	0	0	0
Ireland	0	0	0	5	5	0	83,573	117,931	74,099
Italy	870,277	858,497	1,005,153	89	0	1	741,607	691,069	855,716
Netherlands	4,085,923	4,011,594	6,035,390	14,202	2	6,903	654,668	748,061	1,490,036
Norway	233,028	254,109	297,647	0	0	0	0	0	0
Poland	129,937	73,725	320,793	1,514	23,792	3,597	493,318	243,043	399,950
Spain	1,532,049	1,474,921	2,203,452	0	0	1	237,282	253,542	58,026
Sweden	39	0	0	88	89	248	346	4,886	0
Switzerland	59,785	90,587	29,123	1,499	0	24	83,226	25,505	41,220
United Kingdom	622,685	670,184	473,709	1,510	9	41	64,955	66,762	68,995
Yugoslavia	149,681	266,171	201,464	0	0	0	113,067	57,887	152,943
Total <sup>4</sup>	11,168,846	11,109,763	14,222,278	34,129	27,554	13,938	4,218,182	4,543,513	5,633,392
Soviet Union	744,180	1,177,519	812,527	0	0	24,696	0	26,979	0
Africa:									
Algeria	0	0	0	510	155	0	4,564	0	8,499
Morocco	48,446	0	23,110	5,646	5,992	2,257	0	0	0
South Africa	170	0	0	357	813	1,815	0	76	197
Egypt	40,713	19,544	15,216	6,101	13,886	5,964	54,099	0	0
Total <sup>4</sup>	111,331	19,544	56,299	40,516	57,672	52,118	69,533	9,704	11,434
Asia:									
Taiwan	854,215	1,270,527	779,759	20	0	37	709	0	10,496
India	37	0	0	247,734	181,082	427,669	1,462	0	0
Israel	448,245	312,602	311,532	6,311	9,812	9,570	5	0	0
Japan	3,636,412	3,864,830	3,868,337	3,533	78	150	271,287	204,470	209,979
Korea, Rep. of	235,591	432,647	447,556	236	11	41	18,644	92,897	0
Pakistan	0	0	17	95,814	163,319	147,422	0	0	0
Philippines	23,382	19,122	24,823	502	5,875	3,200	21,032	25	41,149
Turkey	0	0	0	45	0	0	0	0	0
Total <sup>4</sup>	5,467,244	6,183,502	6,555,467	560,677	657,929	718,460	517,660	514,499	476,395
Oceania:									
Australia	14,893	151	18,101	20,951	16,205	16,368	24,119	4,240	17,681
New Zealand	550	0	0	4,081	5,236	7,347	1,279	0	0
Total	15,459	152	18,103	26,244	24,442	23,728	25,872	5,171	18,153
Grand total <sup>5</sup>	<sup>a</sup> 19,061,083	<sup>a</sup> 20,117,499	<sup>a</sup> 23,818,336	<sup>b</sup> 932,924	<sup>b</sup> 1,058,928	<sup>b</sup> 1,220,254	<sup>c</sup> 5,515,252	<sup>c</sup> 5,998,256	<sup>c</sup> 7,174,542

See footnotes on page 138.

Table 188.—Sunflowers: Area, yield, production, and value, United States, 1962–80<sup>1</sup>

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<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>
1962	13	12.5	980	12,250	5.50	674
1963	31	30	970	29,100	4.35	1,266
1964	41.5	40	644	25,760	4.12	1,061
1965	49.5	46	827	38,050	4.87	1,852
1966	76	73	894	65,240	5.63	3,673
1967	221	216	1,037	223,960	4.82	10,804
1968	156	151	1,031	155,670	4.30	6,699
1969	195	185	927	171,430	4.59	7,870
1970	219	207	902	186,670	4.91	9,157
1971	405	392	1,050	411,680	5.09	20,973
1972	719	692	916	633,560	4.86	30,768
1973	678	666	1,080	719,070	8.52	61,243
1974	572	548	957	524,705	15.90	83,219
1975	787	709	1,109	786,010	10.80	84,962
1976	834	810	1,058	857,100	11.00	94,229
1977	2,321	2,205	1,252	2,760,470	10.20	280,428
1978	2,840	2,798	1,365	3,817,920	10.70	409,923
1979	5,555	5,410	1,349	7,296,110	9.05	659,962
1980 <sup>2</sup>	4,010	3,748	1,015	3,804,090	10.80	410,377

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota, except 1962–63 North Dakota only.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 189.—Sunflowers, Oil Varieties: Area, yield, production, and value, United States, 1967–80<sup>1</sup>

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<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>
1967	95.8	92.8	1,096	101,735	4.65	4,730
1968	54	52.8	1,112	58,710	3.79	2,224
1969	55.2	52	1,087	56,500	3.93	2,223
1970	77	73	945	69,000	4.13	2,850
1971	164	159	1,108	176,220	4.49	7,907
1972	510	493	939	463,010	4.70	21,779
1973	495	486	1,138	553,200	8.06	44,567
1974	321	309	1,010	312,025	16.70	51,976
1975	573	523	1,117	584,000	10.50	61,137
1976	616	600	1,072	643,200	10.70	68,796
1977	2,075	1,965	1,258	2,472,120	10.10	249,348
1978	2,598	2,559	1,369	3,503,520	10.70	375,975
1979	5,331	5,191	1,350	7,008,550	8.93	625,912
1980 <sup>2</sup>	3,719	3,482	1,019	3,547,910	10.60	376,611

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 190.—Sunflowers, Non-Oil Varieties: Area, yield, production, and value, United States, 1967–80<sup>1</sup>**

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<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>
1967	125.2	123.2	992	122,225	4.97	6,074
1968	102	98.2	987	96,960	4.62	4,475
1969	139.8	133	864	114,930	4.91	5,647
1970	142	134	878	117,670	5.36	6,307
1971	241	233	1,011	235,460	5.55	13,068
1972	209	199	857	170,550	5.27	8,989
1973	183	180	922	165,870	8.20	13,609
1974	251	239	890	212,680	14.70	31,243
1975	214	186	1,086	202,010	11.90	25,433
1976	218	210	1,019	213,900	10.80	31,080
1977	246	240	1,201	288,350	10.80	33,948
1978	242	239	1,315	314,400	11.80	34,050
1979	224	219	1,313	287,560	11.80	34,050
1980 <sup>2</sup>	291	266	963	256,180	13.20	33,766

<sup>1</sup>Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.

<sup>2</sup>Preliminary.

Statistical Reporting Service.

**Table 191.—Sunflowers: Area, yield, production, and value, by States, 1979–80**

State	Area planted		Area harvested		Yield per harvested acre		Production		Season average price per cwt.		Value of production	
	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
	<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>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
<b>Oil Varieties</b>												
Minn	1,340	860	1,290	835	1,390	1,190	1,793,100	993,650	9.48	10.70	169,986	106,321
N. Dak	3,300	2,270	3,220	2,090	1,360	980	4,379,200	2,048,200	8.76	10.50	383,618	215,061
S. Dak	617	524	612	499	1,230	920	752,760	459,080	8.43	10.70	63,458	49,122
Tex	74	65	69	58	1,210	810	83,490	46,980	10.60	13.00	8,850	6,107
U.S.	5,331	3,719	5,191	3,482	1,350	1,019	7,008,550	3,547,910	8.93	10.60	625,912	376,611
<b>Non-Oil Varieties</b>												
Minn	60	60	57	55	1,360	1,090	77,520	59,950	12.20	12.80	9,457	7,674
N. Dak	160	230	158	210	1,300	930	205,400	195,300	11.70	13.30	24,032	25,975
S. Dak	3	1	3	1	1,180	930	3,540	930	11.80	12.60	418	117
Tex	1	0	1	0	1,100	0	1,100	0	13.00	.....	143	.....
U.S.	224	291	219	266	1,313	963	287,560	256,180	11.80	13.20	34,050	33,766
<b>Total</b>												
Minn	1,400	920	1,347	890	1,389	1,184	1,870,620	1,053,600	9.59	10.80	179,443	113,995
N. Dak	3,460	2,500	3,378	2,300	1,357	975	4,584,600	2,243,500	8.89	10.70	407,650	241,036
S. Dak	620	525	615	500	1,230	920	756,300	460,010	8.45	10.70	63,876	49,239
Tex	75	65	70	58	1,208	810	84,590	46,980	10.63	13.00	8,993	6,107
U.S.	5,555	4,010	5,410	3,748	1,349	1,015	7,296,110	3,804,090	9.05	10.80	659,962	410,377

Statistical Reporting Service.



Table 192.—Peppermint oil: Area, yield, production, and value, United States, 1962–80

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<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>
1962	42.0	41.7	57	2,382	5.04	12,010
1963	43.8	43.4	55	2,387	4.74	11,305
1964	46.1	45.8	56	2,552	4.64	11,836
1965	46.8	43.7	61	2,667	5.46	14,575
1966	59.2	58.3	56	3,291	5.56	18,300
1967	65.7	64.8	71	4,599	5.55	25,518
1968	75.5	74.6	55	4,137	5.17	21,387
1969	81.2	80.4	59	4,750	4.83	22,948
1970	79.0	78.4	64	5,007	3.68	18,438
1971	65.5	64.7	58	3,746	4.10	15,377
1972	61.4	57.1	53	3,004	5.25	15,765
1973	59.6	58.7	54	3,173	7.89	25,036
1974	61.8	61.0	54	3,302	13.80	45,696
1975	( <sup>1</sup> )	68.1	55	3,753	12.60	47,120
1976		72.2	51	3,700	14.80	54,702
1977		86.9	51	4,409	14.30	63,209
1978		100.0	56	5,557	10.60	59,081
1979		90.9	52	4,713	9.91	46,724
1980 <sup>2</sup>		81.7	56	4,603	10.10	46,332

<sup>1</sup> Estimates discontinued.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 193.—Spearmint oil: Area, yield, production, and value, United States, 1962–80

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<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>
1962	21.2	21.1	53	1,123	2.83	3,183
1963	13.0	12.4	57	707	3.06	2,166
1964	9.7	9.5	51	489	3.68	1,799
1965	10.8	10.4	55	570	4.99	2,847
1966	16.8	16.6	63	1,050	5.73	6,012
1967	21.3	21.1	77	1,632	5.50	8,971
1968	24.8	24.3	58	1,414	5.70	8,059
1969	33.8	33.3	59	1,980	5.12	10,134
1970	33.2	32.6	65	2,126	4.64	9,875
1971	31.5	30.9	65	2,008	4.18	8,403
1972	25.6	24.6	61	1,511	5.14	7,766
1973	25.4	25.0	54	1,351	8.22	11,104
1974	26.9	26.4	55	1,463	10.70	15,666
1975	( <sup>1</sup> )	28.0	64	1,778	10.40	18,461
1976		29.0	58	1,686	12.30	20,778
1977		37.1	63	2,329	12.40	28,947
1978		46.1	70	3,244	7.46	24,200
1979		33.1	58	1,921	8.72	16,757
1980 <sup>2</sup>		31.2	68	2,130	9.87	21,023

<sup>1</sup> Estimates discontinued.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 194.—Mint Oil: Production and value, by States, 1978-80

State	Production			Price per pound			Value of production		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<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>Peppermint:</b>									
Idaho .....	670	502	564	7.20	8.65	8.20	4,824	4,342	4,625
Ind .....	347	302	331	14.00	14.00	14.00	4,858	4,228	4,634
Oreg .....	3,135	2,754	2,700	11.00	9.50	10.00	34,485	26,163	27,000
Wash .....	1,126	840	792	9.90	9.10	8.90	11,147	7,644	7,049
Wis .....	279	315	216	13.50	13.80	14.00	3,767	4,347	3,024
U.S .....	5,557	4,713	4,603	10.60	9.91	10.10	59,081	46,724	46,332
<b>Spearmint:</b>									
Idaho .....	403	248	217	7.00	8.00	10.20	2,821	1,984	2,213
Ind .....	194	186	143	12.50	11.50	13.00	2,425	2,139	1,859
Mich .....	104	118	107	12.60	13.00	14.00	1,310	1,534	1,498
Wash .....	2,402	1,184	1,511	6.70	8.00	9.05	16,093	9,472	13,675
Wis .....	141	185	152	11.00	8.80	11.70	1,551	1,628	1,778
U.S .....	3,244	1,921	2,130	7.46	8.72	9.87	24,220	16,757	21,023

<sup>1</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 187

<sup>1</sup> For soybeans, year begins Sept 1; for soybean oil and oilseed cake and meal, year begins Oct. 1.<sup>2</sup> Preliminary.<sup>3</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census.<sup>4</sup> Includes quantities exported to countries not shown.<sup>5</sup> Total may not add due to rounding.<sup>6</sup> Includes 598,426 metric tons, 466,122 metric tons, and 721,930 metric tons transshipped via Canada to unidentified countries 1977, 1978, and 1979 respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 195.—Olive oil: <sup>1</sup> Production in specified countries and the world, 1977-80

Country	1977	1978	1979	1980 <sup>2</sup>	Country	1977	1978	1979	1980 <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>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Europe:					Africa:				
France .....	2	2	2	2	Algeria .....	15	5	14	10
Greece .....	224	220	235	204	Morocco .....	30	15	26	34
Italy .....	301	689	419	475	Tunisia .....	85	125	70	85
Portugal .....	36	36	45	51	Libya .....	8	4	5	4
Spain .....	390	361	500	417	Total .....	138	149	115	133
Yugoslavia .....	2	2	3	2	Argentina .....	12	10	14	11
Total .....	955	1,310	1,204	1,151	Other countries ..	5	3	5	4
Middle East:					World total ..	1,334	1,579	1,556	1,379
Israel .....	1	1	4	4					
Jordan .....	5	2	7	1					
Syria .....	56	38	56	20					
Lebanon .....	12	6	6	3					
Turkey .....	150	60	145	52					
Total .....	224	107	218	80					

<sup>1</sup> Production in marketing year beginning Nov. 1; excludes residue oil.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 196.—Margarine, actual weight: Supply and disposition, United States, 1966-80

Year	Supply			Disposition		
	Production	Stocks, Jan. 1	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>
1966 .....	2,110	42	2,152	14	2,085	10.5
1967 .....	2,114	53	2,167	15	2,093	10.5
1968 .....	2,141	60	2,201	10	2,142	10.8
1969 .....	2,182	49	2,231	12	2,167	10.8
1970 .....	2,230	52	2,282	13	2,223	10.8
1971 .....	2,290	46	2,336	13	2,266	10.9
1972 .....	2,364	57	2,421	13	2,339	11.1
1973 .....	2,359	69	2,428	13	2,354	11.1
1974 .....	2,398	61	2,459	15	2,380	11.1
1975 .....	2,399	64	2,463	17	2,386	11.0
1976 .....	2,628	60	2,688	20	2,601	11.9
1977 .....	2,535	67	2,602	20	2,502	11.4
1978 .....	2,520	80	2,600	31	2,499	11.2
1979 .....	2,553	70	2,623	25	2,517	11.2
1980 <sup>1</sup> .....	2,593	81	2,674	24	2,556	11.3

<sup>1</sup> Preliminary.

Economic Research Service. Totals and per capita estimates computed from unrounded numbers.

**Table 197.—Margarine: Fats and oils used in manufacture, United States 1970–80**

Year	Vegetable oils				Animal fats and oils	Total <sup>1</sup>
	Soybean oil	Cottonseed oil	Peanut oil	Corn oil		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1970 .....	1,410	68	.....	185	99	1,792
1971 .....	1,385	63	.....	186	169	1,831
1972 .....	1,461	65	.....	194	138	1,885
1973 .....	1,491	63	.....	213	80	1,889
1974 .....	1,457	58	.....	188	167	1,905
1975 .....	1,568	46	1	188	52	1,917
1976 .....	1,671	51	38	218	44	2,091
1977 .....	1,585	44	15	243	80	2,026
1978 .....	1,593	42	.....	211	74	1,997
1979 .....	1,643	25	.....	222	86	2,016
1980 <sup>2</sup> .....	1,651	25	.....	222	104	2,036

<sup>1</sup> Includes small quantities of peanut oil, coconut oil, palm oil, and sunflower oil.

<sup>2</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

**Table 198.—Shortening: Supply and disposition, United States, 1966–80**

Year	Supply			Disposition		
	Factory and warehouse stocks, Jan. 1	Production	Total supply <sup>1</sup>	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>
1966 .....	117	3,181	3,298	42	3,137	16.2
1967 .....	119	3,226	3,345	39	3,167	16.2
1968 .....	139	3,312	3,451	44	3,264	16.6
1969 .....	143	3,481	3,624	32	3,453	17.4
1970 .....	139	3,588	3,727	37	3,557	17.3
1971 .....	133	3,515	3,648	31	3,489	16.8
1972 .....	128	3,731	3,859	33	3,699	17.6
1973 .....	127	3,636	3,763	35	3,613	17.1
1974 .....	115	3,703	3,818	61	3,623	16.9
1975 .....	134	3,713	3,847	56	3,666	17.0
1976 .....	125	3,929	4,054	65	3,861	17.7
1977 .....	128	3,841	3,969	60	3,796	17.2
1978 .....	113	4,015	4,128	50	3,971	17.8
1979 .....	107	4,206	4,313	41	4,140	18.4
1980 <sup>2</sup> .....	132	4,178	4,310	42	4,158	18.3

<sup>1</sup> Includes imports, which are negligible.

<sup>2</sup> Preliminary.

Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments.

Table 199.—Shortening: Fats and oils used in manufacture, United States, 1966–80

Year	Vegetable oils							Animal fats		Total primary and secondary fats and oils <sup>1</sup>
	Cottonseed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Palm oil	Other	Lard	Beef fats	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1966	370	1,734	38	(2)	(2)	38	8	491	491	3,192
1967	273	1,741	40	(2)	(2)	61	10	576	506	3,243
1968	248	1,842	41	(2)	(2)	72	4	601	487	3,326
1969	248	2,101	47	(2)	(2)	110	13	475	483	3,505
1970	276	2,182	45	(2)	(2)	n.a.	7	430	522	3,580
1971	168	2,047	56	(2)	(2)	171	11	520	517	3,510
1972	168	2,043	77	(2)	(2)	285	20	432	495	3,691
1973	199	2,268	86	(2)	(2)	333	29	341	442	3,719
1974	194	2,177	61	(2)	(2)	304	35	317	501	3,617
1975	154	2,025	106	(2)	(2)	758	69	165	458	3,751
1976	128	2,323	128	(2)	(2)	516	8	156	453	3,754
1977	160	2,279	78	(2)	(2)	416	9	185	548	3,700
1978	188	2,479	75	(2)	(2)	220	4	220	765	3,959
1979	168	2,680	93	(2)	(2)	222	3	316	718	4,217
1980 <sup>3</sup>	189	2,660	103	(2)	(2)	188	n.a.	378	673	4,200

<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.  
n.a. not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 200.—Food fats and oils (including fat content of butter): Supply and disposition, United States, 1966–79<sup>1</sup>

Year	Stocks Jan. 1	Production <sup>2</sup>	Imports	Food uses of other fats and oils <sup>3</sup>	Total supply	Exports <sup>2,4</sup>	Nonfood use	Net domestic disappearance of fats and oils for foods <sup>5</sup>	
								Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1966	1,041	14,504	65	488	16,098	4,273	685	9,777	49.7
1967	1,363	14,546	78	587	16,574	4,579	635	9,777	49.4
1968	1,583	14,924	91	552	17,150	4,794	680	10,252	51.2
1969	1,423	15,817	69	623	17,932	5,417	661	10,461	51.9
1970	1,524	18,518	887	.....	20,929	7,399	1,138	10,808	53.0
1971	1,584	18,264	1,007	.....	20,855	7,591	839	10,762	52.2
1972	1,663	18,153	1,281	.....	21,097	7,206	775	11,288	54.3
1973	1,828	17,806	1,313	.....	20,947	7,494	704	11,337	54.3
1974	1,412	19,392	1,160	.....	21,964	8,478	736	11,243	53.4
1975	1,507	17,272	2,047	.....	20,826	7,113	750	11,311	53.2
1976	1,652	20,301	2,202	.....	24,155	8,503	1,195	11,948	56.0
1977	2,509	20,043	1,759	.....	24,311	9,890	1,195	11,732	54.0
1978	1,494	24,084	1,544	.....	27,122	11,755	1,395	12,179	55.6
1979	1,793	25,600	1,302	.....	28,695	12,590	1,500	12,575	57.6

<sup>1</sup>Includes butter (fat content), lard, and beef fats; cottonseed, peanut, soybean, corn, and olive oils; and minor oils such as sesame. Stocks and exports also include margarine, shortening, vegetable stearine, and secondary edible oils.

<sup>2</sup>Production and exports also include oil equivalent of exported soybeans, cottonseed, and peanuts for crushing abroad.

<sup>3</sup>Chiefly coconut, palm kernel oil, and palm oil.

<sup>4</sup>Includes shipments to U.S. Territories.

<sup>5</sup>In some years disappearance cannot be computed from data contained in this table as adjustments have been made because additional items have been incorporated in stock data.

Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments. Total and per capita estimates computed from unrounded numbers.

Table 201.—Total fats and oils (including fat content of butter): Supply, disposition, and utilization, United States, 1966–78

Year	Supply				Disposition	
	Production from domestic materials <sup>1</sup>	Imports and production from imported materials	Stocks Jan. 1	Total	Exports <sup>2</sup>	Domestic disappearance
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1966	21,013	1,359	2,445	24,817	6,725	15,312
1967	21,004	1,316	2,794	25,114	7,248	15,145
1968	21,496	1,398	2,668	25,562	7,354	15,698
1969	22,431	1,411	2,405	26,247	7,613	16,393
1970	25,012	1,363	2,286	28,661	10,150	16,119
1971	25,426	1,204	2,392	29,022	10,709	15,770
1972	25,347	1,459	2,543	29,349	10,465	16,340
1973	24,586	1,487	2,544	28,617	10,482	16,230
1974	26,824	1,389	1,905	30,118	11,768	16,374
1975	23,609	2,203	1,976	27,788	9,592	16,115
1976	27,798	2,422	2,081	32,301	11,579	17,639
1977	27,568	1,962	3,092	32,622	12,869	17,315
1978 <sup>4</sup>	30,555	1,844	2,302	34,701	14,824	17,338

  

Year	Utilization (not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries)									
	Food uses						Nonfood uses			
	Butter (fat content)	Lard (direct)	Shortening	Margarine (fat content)	Other	Total	Soap <sup>3</sup>	Drying-oil products	Other industrial	Total
	<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>
1966	911	1,076	3,190	1,710	2,915	9,802	731	923	3,842	5,496
1967	887	1,056	3,243	1,703	3,012	9,901	718	859	3,855	5,432
1968	957	1,108	3,326	1,720	3,149	10,260	703	868	3,846	5,417
1969	908	1,012	3,505	1,744	3,620	10,789	706	738	4,169	5,613
1970	890	940	3,556	1,787	3,635	10,808	759	604	3,778	5,141
1971	860	881	3,490	1,811	3,720	10,762	745	571	3,724	5,100
1972	837	787	3,698	1,864	4,102	11,288	811	630	3,925	5,305
1973	812	705	3,614	1,884	4,322	11,337	728	686	3,743	5,158
1974	776	681	3,622	1,891	4,271	11,241	787	563	4,102	5,451
1975	821	632	3,666	1,907	4,298	11,325	808	429	3,777	5,015
1976	758	585	3,861	2,069	4,689	11,961	944	547	4,220	5,711
1977	761	511	3,698	2,001	4,629	11,600	957	543	4,142	5,642
1978 <sup>4</sup>	783	502	3,959	1,953	4,527	11,724	887	637	3,574	5,098

<sup>1</sup> Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.

<sup>2</sup> Includes commercial exports, voluntary or civilian relief, re-exports, and shipments to U.S. Territories.

<sup>3</sup> Excludes an estimate of oil equivalent of soap used in synthetic rubber. This use is included in "Other industrial."

<sup>4</sup> Last year of data. No longer available.

Economic Research Service. Computed from reports of the Commerce, Interior, and Agriculture Departments. Total computed from unrounded numbers.

Table 202.—Fats, oils, and oilseeds (fat or oil equivalent): World production and exports, 1977-78/1980-81

Commodity	World production <sup>1</sup>				World exports		
	1977-78	1978-79	1979-80	1980-81 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	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
<b>Edible vegetable oils:</b>							
Cottonseed	2,808	3,186	3,011	3,230	409	415	372
Peanut	3,192	3,147	3,382	3,166	900	690	741
Soybean	8,838	10,834	11,681	14,391	4,825	5,668	6,105
Sunflower	3,737	4,724	4,661	5,520	892	1,316	1,236
Rapeseed	2,485	2,699	3,663	3,449	960	937	1,252
Sesame	598	624	658	641	95	90	95
Safflower	217	264	326	343	13	20	19
Olive <sup>3</sup>	1,334	1,620	1,554	1,390	4103	4137	4129
Corn	410	436	445	470	97	102	118
<b>Total</b>	<b>23,619</b>	<b>27,534</b>	<b>29,381</b>	<b>32,600</b>	<b>8,294</b>	<b>9,375</b>	<b>10,067</b>
<b>Palm oils:<sup>5</sup></b>							
Coconut	3,117	3,165	2,822	3,017	1,433	1,583	1,234
Palm kernel	547	591	646	662	319	310	380
Palm	3,364	3,576	4,085	4,537	1,985	2,059	2,411
Babassu kernel <sup>6</sup>	132	143	151	150	4	9	5
<b>Total</b>	<b>7,160</b>	<b>7,475</b>	<b>7,704</b>	<b>8,366</b>	<b>3,741</b>	<b>3,961</b>	<b>4,030</b>
<b>Industrial oils:</b>							
Linseed	684	907	744	815	366	501	381
Castor	256	321	386	388	186	221	238
Oiticica	14	14	14	14	2	10	5
Tung	100	95	101	100	36	35	38
Olive residue <sup>7</sup>	153	171	142	144	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
<b>Total</b>	<b>1,207</b>	<b>1,508</b>	<b>1,387</b>	<b>1,461</b>	<b>590</b>	<b>767</b>	<b>662</b>
<b>Animal fats:</b>							
Butter (fat content)	4,930	4,950	4,957	4,957	764	956	881
Lard <sup>9</sup>	3,703	3,876	4,012	3,956	534	524	520
Tallow and grease <sup>10</sup>	5,800	5,600	5,550	5,550	2,263	2,357	2,535
<b>Total</b>	<b>14,433</b>	<b>14,426</b>	<b>14,519</b>	<b>14,463</b>	<b>3,561</b>	<b>3,837</b>	<b>3,936</b>
<b>Marine oils:</b>							
Whale	15	8	10	10	11	5	7
Sperm whale	64	58	58	58	18	16	13
Fish (including liver)	1,004	1,216	1,268	1,135	539	633	600
<b>Total</b>	<b>1,083</b>	<b>1,282</b>	<b>1,336</b>	<b>1,203</b>	<b>568</b>	<b>654</b>	<b>620</b>
<b>Total all commodities</b>	<b>47,502</b>	<b>52,225</b>	<b>54,327</b>	<b>58,093</b>	<b>16,754</b>	<b>18,594</b>	<b>19,315</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> Net exports.

<sup>5</sup> Production estimated on the basis of exports and information available on consumption in the various producing areas.

<sup>6</sup> Mill production only.

<sup>7</sup> Includes quantities of refined oil for edible purposes.

<sup>8</sup> Not separately classified.

<sup>9</sup> Production relates to rendered lard only in most countries.

<sup>10</sup> Export series revised; figures include edible and inedible tallow and grease. Excludes animal oils.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 203.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1966–80

Year beginning January	Lard	Inedible animal tallow, greases, and oils <sup>1</sup>	Oilseeds and nuts					
			Cottonseed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans	
	<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>
1966	71,496	894,500	8,708	169,237	1,083	59,458	6,751,382	
1967	85,539	1,007,325	4,161	153,151	335	80,396	7,169,055	
1968	79,501	1,013,317	3,099	258,520	146	56,964	8,014,378	
1969	118,775	859,441	6,639	207,536	363	28,256	8,468,920	
1970	165,980	1,016,407	22,084	74,330	1,125	54,099	11,954,519	
1971	128,044	1,182,051	32,716	10,731	3,522	109,200	11,538,463	
1972	74,565	1,065,650	3,089	268,168	15,408	181,055	11,995,712	
1973	51,414	1,041,934	11,952	10,627	11,018	183,393	13,220,591	
1974	73,204	1,188,267	44,277	9,296	24,060	240,307	13,939,781	
1975	39,791	911,255	6,770	27,138	11,907	235,059	12,496,246	
1976	81,900	1,057,206	64,810	10,401	7,393	128,931	15,332,100	
1977	82,568	1,308,793	14,727	23,812	14,778	299,331	16,195,496	
1978	54,237	1,218,743	42,908	2,392	40,117	354,736	20,704,536	
1979	43,507	1,262,858	7,473	3,590	38,053	347,699	20,890,129	
1980 <sup>2</sup>	41,914	1,476,151	189,057	3,912	24,558	297,679	21,778,536	

  

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
	<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>
1966	183	2,414	83,776	57,200	1,998	4,047	393,776	2,271,260	193,852
1967	125	1,882	33,521	20,577	2,255	2,695	514,671	2,464,990	123,788
1968	147	2,061	27,013	49,797	1,408	1,395	434,206	2,698,022	149,152
1969	217	2,541	118,251	17,398	1,713	15,206	403,068	2,995,703	141,688
1970	1,139	4,339	169,588	21,895	1,955	14,529	681,182	3,660,321	136,924
1971	937	6,658	181,783	21,133	1,374	38,572	242,976	4,086,365	198,674
1972	834	4,364	215,780	84,814	1,723	27,533	594,562	3,615,238	233,945
1973	1,154	4,611	247,675	96,442	1,426	47,029	438,827	4,414,665	342,274
1974	834	2,754	276,673	52,940	1,884	20,786	762,094	4,909,653	241,131
1975	405	2,570	297,861	39,542	2,152	12,154	356,338	3,782,761	165,672
1976	443	19,890	236,293	9,477	2,893	47,821	510,007	4,862,126	179,298
1977	1,130	7,342	331,758	11,570	3,063	45,065	773,791	4,133,659	159,011
1978	240	5,230	330,765	24,687	3,430	40,339	929,282	5,914,130	338,577
1979	233	4,396	287,130	11,379	3,367	4,870	1,129,334	6,087,713	354,375
1980 <sup>2</sup>	441	4,863	356,276	24,846	3,647	18,102	1,096,080	7,023,787	402,671

<sup>1</sup> Includes tallow and grease (except wool grease) and choice white grease; lard and tallow oil; lard, oleo, and tallow stearine; unrendered animal fats, and animal fats and oils, n.e.c.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes shipments under P.L. 480 as reported by the Bureau of the Census.

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments.



Table 204.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1966–80

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>
1966	857	243,293	0	706	337	3,108
1967	9	276,646	67	775	204	3,023
1968	4	291,836	17	357	377	3,662
1969	6	272,215	11	64	145	2,461
1970	3	197,631	35	127	98	2,990
1971	5	190,351	1,876	746	86	2,287
1972	5	208,980	11	825	448	3,511
1973	4	198,566	134	17	205	2,451
1974	4	26,623	13,123	70	175	1,856
1975	5	0	3,497	10	241	7,002
1976	3	0	32,921	210	69	2,539
1977	0	2	38,216	199	49	4,172
1978	0	4	28,408	168	64	2,685
1979	3	419	54,325	168	47	2,364
1980 <sup>2</sup>	3	0	30,808	362	80	2,661

  

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>
1966	280	12,792	15	9,631	47,229	226,212	15
1967	354	16,263	24	10,507	44,062	228,522	5
1968	955	15,419	7	9,051	48,086	197,027	7
1969	630	17,608	4	6,557	64,437	193,902	2
1970	240	19,351	28	15,343	48,293	269,753	1
1971	206	20,612	25	15,637	34,689	285,148	14
1972	524	21,419	61	20,980	44,240	307,073	1
1973	15	23,952	310	15,198	45,962	326,703	155
1974	59	25,973	34	16,688	55,665	245,969	17
1975	4,625	20,248	41	15,515	31,130	394,207	39
1976	2,412	28,649	54	23,083	53,613	552,007	3
1977	205	28,357	105	17,730	50,452	456,639	19
1978	415	32,000	69	24,638	51,947	463,803	15
1979	509	32,099	269	30,839	48,676	444,432	9
1980 <sup>2</sup>	266	31,571	6,000	34,658	42,732	403,388	7

  

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>
1966	22,417	34,422	49,605	2	3,398	13,777	60,334
1967	25,963	29,149	47,365	2	3,893	9,042	63,313
1968	29,110	46,852	54,722	15	4,388	7,565	40,853
1969	26,293	72,404	45,097	9	4,269	10,190	23,835
1970	28,499	63,897	37,438	20	3,287	8,234	7,835
1971	28,079	102,913	43,432	12	5,018	10,088	4,717
1972	30,594	195,551	45,823	10	5,172	9,797	15,040
1973	27,296	176,994	45,681	14	6,334	9,886	22,423
1974	24,364	186,626	66,129	504	7,696	9,542	18,779
1975	21,634	436,338	73,176	323	2,624	13,637	4,302
1976	28,303	351,889	63,425	528	5,511	15,653	35,232
1977	24,633	249,501	69,896	12	6,876	8,537	20,128
1978	28,087	146,431	57,233	19	6,451	8,125	8,977
1979	27,306	141,599	76,151	24	6,381	9,089	25,263
1980 <sup>2</sup>	25,553	115,891	83,294	30	6,422	7,366	26,420

<sup>1</sup> Includes blanched or roasted peanuts.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 205.—Inedible animal tallow, greases, and oils:<sup>1</sup> United States exports by country of destination, 1978-80

Continent and country	1978	1979	1980 <sup>2</sup>	Continent and country	1978	1979	1980 <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>
North America:				Soviet Union . . . . .	43,706	100,212	52,162
Canada . . . . .	2,754	4,440	6,292	Africa:			
Dominican Republic . . . . .	15,035	17,055	19,811	Algeria . . . . .	39,270	39,352	40,697
El Salvador . . . . .	19,037	23,115	18,911	Cameroon . . . . .	3,191	3,596	1,961
Guatemala . . . . .	6,415	8,656	13,174	Ghana . . . . .	3,216	6,495	4,982
Haiti . . . . .	10,595	10,809	14,632	Kenya . . . . .	1,096	396	1,000
Honduras . . . . .	9,722	5,970	9,796	Madagascar . . . . .	4,991	5,124	2,995
Jamaica . . . . .	12,941	10,202	5,752	Morocco . . . . .	8,752	9,613	9,097
Mexico . . . . .	49,146	58,429	81,571	Nigeria . . . . .	34,718	31,471	39,010
Nicaragua . . . . .	4,512	5,502	12,568	Senegal . . . . .	2,995	1,476	3,049
Trinidad and Tobago . . . . .	1,885	3,166	2,253	Egypt . . . . .	133,465	133,821	187,512
Other countries . . . . .	3,456	4,800	5,604	South Africa . . . . .	16,758	41,647	36,581
Total . . . . .	135,498	152,144	191,264	Ivory Coast . . . . .	794	2,007	745
				Other countries . . . . .	1,274	8,128	11,956
South America:				Total . . . . .	250,520	283,126	339,615
Argentina . . . . .	76	597	540	Asia:			
Brazil . . . . .	7	7,992	18,126	Afghanistan . . . . .	607	500	.....
Chile . . . . .	6,443	3,978	3,745	Bangladesh . . . . .	822	9,594	6,184
Colombia . . . . .	54,007	51,685	47,111	Iran . . . . .	18,817	7,509	.....
Ecuador . . . . .	19,347	27,746	30,642	Iraq . . . . .	8,664	.....	.....
Peru . . . . .	3,747	3,080	3,134	China . . . . .	24,868	11,271	31,406
Venezuela . . . . .	25,658	17,136	29,841	Taiwan . . . . .	30,580	20,436	43,911
Other countries . . . . .	2,277	7,468	1,482	India . . . . .	18,761	1,363	7,065
Total . . . . .	111,562	119,682	134,621	Japan . . . . .	84,419	87,450	106,362
Europe:				Korea, Rep. of . . . . .	86,735	101,673	115,663
Belgium and Luxembourg . . . . .	27,778	9,540	16,543	Lebanon . . . . .	7,925	5,779	8,680
France . . . . .	12,618	21,865	14,536	Pakistan . . . . .	43,853	55,231	72,254
Germany, Fed. Rep. of . . . . .	76,921	55,239	71,022	Philippines . . . . .	5,200	4,954	7,522
Italy . . . . .	6,864	2,160	7,259	Singapore . . . . .	161	207	294
Netherlands . . . . .	99,929	76,502	103,656	Turkey (Europe and Asia) . . . . .	3,985	309	15,337
United Kingdom . . . . .	60,465	58,004	59,900	Thailand . . . . .	1,226	113	16
Greece . . . . .	1,733	1,976	3,147	Other countries . . . . .	1,259	1,154	1,303
Norway . . . . .	2,815	2,269	546	Total . . . . .	337,882	307,543	415,997
Portugal . . . . .	6,059	10,141	7,642	Oceania . . . . .	36	58	74
Spain . . . . .	33,795	44,606	49,493	Grand total <sup>3</sup> . . . . .	1,218,743	1,262,858	1,476,151
Sweden . . . . .	3	15	.....				
Switzerland . . . . .	1,139	3,517	1,232				
Poland . . . . .	7,721	9,946	7,431				
Other countries . . . . .	1,703	4,311	9				
Total . . . . .	339,543	300,091	342,416				

<sup>1</sup> Includes inedible tallow and choice white grease; inedible lard oil, tallow oil, lard stearine; and animal fats, oils, and greases, n.e.c.

<sup>2</sup> Preliminary.

<sup>3</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 206.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1966-79**

Year	Supply				Disposition				Price of inedible tallow No. 1 at Chicago, per pound
	Stocks Jan. 1	Apparent production <sup>1</sup>	Imports	Total	Exports	Factory consumption			
						Total	Use in soap	Other use	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents
1966	414	4,480	1	4,895	1,975	2,473	667	1,806	6.5
1967	447	4,753	6	5,206	2,222	2,559	643	1,916	4.6
1968	425	4,745	6	5,176	2,240	2,580	639	1,941	4.2
1969	358	4,655	6	5,019	1,896	2,775	635	2,140	6.0
1970	348	4,905	7	5,260	2,242	2,622	602	2,019	7.1
1971	396	5,210	5	5,611	2,607	2,623	588	2,035	6.6
1972	380	5,078	2	5,460	2,357	2,762	640	2,122	6.0
1973	341	4,843	10	5,194	2,299	2,540	566	1,974	12.4
1974	356	5,664	12	6,032	2,623	3,029	632	2,397	15.2
1975	380	4,801	15	5,196	2,011	2,908	662	2,246	12.0
1976	277	5,774	9	6,060	2,337	3,367	764	2,603	13.2
1977	355	5,981	4	6,340	2,893	3,099	737	2,366	13.6
1978	344	5,871	3	6,218	2,698	3,184	695	2,489	16.0
1979	347	5,956	3	6,306	2,795	3,117	663	2,454	18.8

<sup>1</sup> Computed from factory consumption, foreign trade, and stocks; from October 1966 through 1969, production as reported by the Bureau of the Census.

Economic Research Service. Computed from unrounded numbers. Stocks, consumption, and trade from the U.S. Department of Commerce. Prices from the National Provisioner and Wall Street Journal.

**Table 207.—Fats, oils: Wholesale price per pound, 1967 and 1977-80**

Item and market	1967	1977	1978	1979	1980 <sup>1</sup>
Butter, creamery, Grade A, (92 and 93-score) bulk, New York	<i>Cents</i> 67.7	<i>Cents</i> 101.9	<i>Cents</i> 115.4	<i>Cents</i> 128.5	<i>Cents</i> 145.5
Castor oil, No. 1, Brazilian, tanks, imported, New York	19.2	43.4	41.8	44.9	51.3
Coconut oil, crude, tanks, f.o.b. New York	14.5	28.4	35.1	49.9	34.5
Corn oil, crude, tank cars, f.o.b. Decatur	12.4	30.7	36.0	32.4	26.3
Cottonseed oil, crude, tank cars, f.o.b. Valley	11.7	24.5	27.2	31.6	25.1
Grease, A white, tank cars, delivered Chicago	5.5	17.1	19.1	21.9	17.2
Linseed oil, raw, tank cars, Minneapolis	12.9	26.5	24.2	28.7	28.6
Margarine, yellow quarters, f.o.b. Chicago	25.8	39.1	39.8	41.5	38.7
Olive oil, imported, edible, drums, New York	38.1	86.7	85.4	83.3	83.3
Palm kernel oil, CIF, bulk, U.S. Ports		33.3	36.8	42.1	42.4
Palm oil, U.S. ports		24.3	28.7	31.2	28.1
Peanut oil, crude, tank cars, f.o.b. southeast mills	11.9	29.8	42.2	37.0	30.9
Rapeseed oil, refined (denatured), tanks, New York	15.2	39.0	39.0	39.0	46.6
Safflower oil, tanks, New York	14.6				
Shortening, all vegetable, hydrogenated, 440-lb. drums, New York	20.7	38.9	40.9	44.9	43.5
Soybean oil, crude, tank cars, f.o.b. Decatur	9.6	23.8	25.6	27.6	23.8
Tallow, edible, loose, Chicago	7.5	21.2	22.8	26.2	21.6
Tallow, inedible, number, delivered Chicago	4.6	13.6	16.0	18.8	14.3
Tung oil, imported, drums, f.o.b. New York	16.5	108.3	91.4	64.2	53.3

<sup>1</sup> Preliminary.

Economic Research Service. Compiled from the Chemical Marketing Reporter, the National Provisioner, The Journal of Commerce (New York), Wall Street Journal, and the U.S. Department of Labor. Excise taxes and duties are included where applicable.

Table 208—Fats and oils: Use in products for civilian consumption, United States, 1966-79

Year	Food products											
	Butter (actual weight)		Lard excluding use in margarine, shortening, and nonfood products		Margarine (actual weight)		Shortening		Edible oils <sup>1</sup>		All food products <sup>2</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1966	1,099	5.7	1,071	5.5	2,038	10.5	3,079	15.9	2,929	15.1	9,615	49.7
1967	1,076	5.5	1,055	5.4	2,046	10.5	3,108	15.9	2,956	15.2	9,634	49.4
1968	1,117	5.7	1,106	5.6	2,130	10.8	3,211	16.3	3,153	16.0	10,082	51.2
1969	1,081	5.4	1,011	5.1	2,154	10.8	3,398	17.1	3,333	16.8	10,333	52.0
1970	1,061	5.3	939	4.7	2,223	11.0	3,496	17.3	3,605	18.2	10,681	53.2
1971	1,039	5.1	880	4.3	2,264	11.1	3,429	16.8	3,695	18.1	10,650	52.3
1972	1,017	4.9	787	3.8	2,338	11.3	3,650	17.7	4,084	19.7	11,204	54.1
1973	1,000	4.8	705	3.4	2,350	11.3	3,593	17.3	4,312	20.8	11,296	54.4
1974	955	4.6	681	3.2	2,370	11.3	3,571	17.0	4,258	20.3	11,163	53.3
1975	1,012	4.8	632	3.0	2,375	11.2	3,661	17.3	4,275	20.3	11,297	53.3
1976	935	4.4	568	2.7	2,595	12.2	3,859	18.1	3,966	22.0	11,923	56.0
1977	937	4.4	495	2.3	2,508	11.6	3,786	17.6	3,958	21.6	11,694	54.1
1978	963	4.5	482	2.2	2,494	11.4	3,961	18.2	4,571	22.6	12,179	55.6
1979	1,009	4.5	564	2.3	2,524	11.5	4,144	18.9	4,890	23.4	12,618	57.7

  

Year	Industrial products								All products		
	Soap <sup>3</sup>		Drying-oil products <sup>4</sup>		Other industrial products <sup>3</sup>		All industrial products		Weight		Per capita <sup>2</sup>
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Including actual weight of butter and margarine	Including only fat content of butter and margarine	
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1966	719	3.7	908	4.7	3,703	19.1	5,329	27.6	15,253	14,988	77.5
1967	706	3.6	844	4.3	3,684	18.8	5,234	26.8	15,475	14,868	76.2
1968	689	3.5	850	4.3	3,705	18.8	5,245	26.6	15,962	15,327	77.8
1969	678	3.4	728	3.7	4,009	20.1	5,410	27.2	16,390	15,743	79.1
1970	751	3.7	598	3.0	3,740	18.6	5,089	25.2	16,414	15,771	78.2
1971	738	3.6	624	3.1	3,687	18.1	5,049	24.7	16,356	15,700	76.9
1972	802	3.9	564	2.7	3,886	18.8	5,252	25.4	17,128	16,456	79.7
1973	721	3.5	679	3.3	3,706	17.8	5,106	24.5	17,067	16,403	78.8
1974	779	3.7	558	2.7	4,061	19.4	5,397	25.7	17,232	16,560	79.0
1975	800	3.8	425	2.0	3,740	17.7	4,965	23.5	16,937	16,262	76.9
1976	935	4.4	541	2.5	4,196	19.3	5,672	26.6	17,595	17,612	82.6
1977	953	4.4	604	2.8	4,396	20.6	5,953	27.5	17,647	17,647	81.4
1978	887	4.1	703	3.2	4,836	22.1	6,426	29.4	18,605	18,603	85.0
1979	861	3.9	479	1.7	4,820	22.1	6,160	28.2	18,735	18,778	85.9

<sup>1</sup>Mainly salad and cooking oils. Includes all food fats and oils used other than butter, lard, margarine, or shortening.

<sup>2</sup>Including only the fat content of butter, estimated at 80.5 percent of total weight, and of margarine for which the fat content varies slightly each year.

<sup>3</sup>Fat equivalent of soap used in synthetic rubber is included with "Other industrial products."

<sup>4</sup>Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oilcloth), caulking, and other protective coatings.

Economic Research Service. Computed from reports of the Commerce, Interior, and Agriculture Departments. Totals and per capita estimates computed from unrounded numbers.

**Table 209.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1966–80**  
[1967 = 100]

Year	Sixteen items, excluding butter	Seventeen major fats and oils											
		All items	Classified by origin				Classified by use						
			Animal	Vegetable		Edible			Industrial				
				Domestic origin	Foreign origin	Butter	Lard	Other	All edible	Soap fats	Drying oils	Other uses	All industrial
1966 . . . .	126.3	115.3	115.1	119.6	92.6	100.3	142.9	121.5	113.9	128.4	106.8	112.4	124.8
1967 . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 . . . .	90.9	94.4	94.6	93.1	118.5	100.1	79.5	93.6	95.6	90.9	94.4	102.2	91.3
1969 . . . .	104.2	103.1	110.4	92.6	102.5	101.0	123.6	94.9	101.2	111.0	91.3	104.1	108.0
1970 . . . .	129.4	119.7	122.2	118.5	127.3	103.9	148.8	122.5	115.7	135.5	102.4	127.2	130.6
1971 . . . .	130.7	119.9	118.2	125.8	108.0	102.3	137.4	129.6	116.4	135.2	95.2	199.9	129.2
1972 . . . .	114.4	110.0	114.0	106.4	88.1	103.0	132.7	109.1	108.8	115.9	94.3	104.7	112.6
1973 . . . .	208.2	168.9	167.8	171.4	188.8	97.1	253.3	178.8	150.3	229.4	168.2	207.5	220.1
1974 . . . .	322.8	238.5	203.2	294.6	386.8	99.6	365.7	295.0	204.2	340.5	322.2	322.9	333.5
1975 . . . .	262.3	207.8	200.2	219.5	166.7	118.0	368.3	215.0	189.2	257.2	270.4	217.0	258.8
1976 . . . .	261.1	226.7	191.7	161.6	169.8	138.6	228.2	166.3	161.8	254.9	186.5	188.9	244.8
1977 . . . .	306.6	263.7	219.4	191.1	228.1	147.4	271.7	202.5	191.0	283.4	194.8	244.1	268.2
1978 . . . .	337.0	290.5	245.9	205.0	267.5	165.5	296.5	219.7	209.9	323.3	176.8	291.1	298.0
1979 . . . .	372.3	327.6	282.0	223.9	372.5	190.7	327.0	231.4	255.3	390.9	219.8	291.5	361.3

Economic Research Service.

**Table 210.—Soap: Fats, oils, and tall oil used in manufacture, United States, 1966–80**

Year	Inedible tallow and greases	Coconut oil	Secondary fats and oils <sup>1</sup>	Tall oil	Total saponifiable materials	Year	Inedible tallow and greases	Coconut oil	Secondary fats and oils <sup>1</sup>	Tall oil	Total saponifiable materials
	<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>
1966 . . . .	667	150	13	9	839	1974 . . . .	632	167	9	3	811
1967 . . . .	643	146	17	8	813	1975 . . . .	662	163	9	2	836
1968 . . . .	639	154	10	9	812	1976 . . . .	764	194	15	3	976
1969 . . . .	635	150	8	4	796	1977 . . . .	737	198	14	7	957
1970 . . . .	602	164	12	1	779	1978 . . . .	694	184	6	3	887
1971 . . . .	588	166	6	3	763	1979 . . . .	663	190	7	3	863
1972 . . . .	640	180	7	3	830	1980 . . . .	(2)	(2)	(2)	(2)	(2)
1973 . . . .	566	181	10	3	760						

<sup>1</sup> Includes beef fats, vegetable tallow, and babassu.

<sup>2</sup> Not available.

Economic Research Service. Fats, oils, and tall oil compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

# CHAPTER IV

## STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweetpotatoes, and commercial vegetables and melons.

For potatoes and sweetpotatoes, 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 the 9 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. However, with the vegetable program modifications implemented in 1973, the processed segment of production for asparagus, broccoli, carrots, and cauliflower is published at the end of the season. Annual production, price, and value estimates for the portion processed are published beginning with 1969.

### Seasonal Groups and Marketing Period

Winter: January, February, March  
Spring: April, May, June

Summer: July, August, September  
Fall: October, November, December

The seasonal patterns of harvest do not correspond precisely in all States to the quarterly 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 area, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Beginning in 1968, commercial vegetables for fresh market include 22 principal vegetables and melon crops in the major producing States. Earlier years include the following three additional crops: lima beans, beets, and green peas. 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, brussels sprouts, celery, garlic, onions, and green peppers 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, except garlic, for which values are reported annually on a field-run basis at packinghouse door. For processed vegetables, value per unit and total value are at processing plant door.

Table 211.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1966–80

Year	Area <sup>1</sup>			Production <sup>4</sup>			Value <sup>5</sup>		
	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966	1,613,300	1,804,040	3,471,340	10,617,200	8,941,280	19,558,480	1,137,027	433,348	1,570,375
1967	1,631,380	1,936,130	3,567,510	11,142,850	9,979,460	21,122,310	1,151,433	530,408	1,681,841
1968	1,624,820	2,012,230	3,637,050	11,290,050	12,105,870	23,395,920	1,184,587	600,690	1,785,277
1969 <sup>6</sup>	1,699,810	1,629,630	3,329,440	11,175,950	9,297,350	20,473,300	1,282,087	415,551	1,697,638
1970	1,673,670	1,531,160	3,204,830	11,357,800	9,297,200	20,655,000	1,233,222	410,189	1,643,411
1971	1,609,960	1,558,460	3,168,420	11,361,050	9,922,550	21,283,600	1,438,946	439,980	1,878,926
1972	1,648,110	1,584,490	3,232,600	11,578,050	10,241,600	21,819,650	1,607,022	466,633	2,073,655
1973	1,636,610	1,727,010	3,363,620	11,907,200	10,661,650	22,568,850	1,857,859	550,632	2,408,491
1974	1,557,570	1,775,810	3,333,380	12,016,750	11,794,050	23,810,800	1,885,149	929,785	2,814,934
1975	1,542,110	1,874,480	3,416,590	11,993,700	13,533,250	25,526,950	2,159,168	1,036,635	3,195,803
1976	1,577,350	1,624,640	3,201,990	12,509,950	11,048,850	23,558,800	2,260,078	786,606	3,046,684
1977	1,578,830	1,638,120	3,216,950	12,741,050	12,612,450	25,353,500	2,351,737	945,180	3,296,917
1978	1,643,650	1,611,660	3,255,310	13,140,000	11,323,490	24,463,490	2,786,530	874,768	3,661,298
1979	1,635,640	1,652,480	3,288,120	13,410,900	12,576,010	25,986,910	2,917,399	1,030,239	3,947,638
1980 <sup>7</sup>	1,607,970	1,428,200	3,036,170	13,229,600	10,783,170	24,012,770	3,173,913	857,676	4,031,589

<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 27 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, lima beans, snap beans, beets, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons. Lima beans, beets, kale, green peas, and shallots discontinued in 1968.

<sup>3</sup> Area, production, and farm value of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), 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, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door.

<sup>6</sup> Beginning 1969, asparagus for processing included in fresh market segment.

<sup>7</sup> Preliminary.

Statistical Reporting Service.

Table 212.—Vegetables, commercial: Area of principal crops, by States, 1978–80<sup>1</sup>

State	For fresh market <sup>2</sup>			For processing <sup>4</sup>			Total		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Ala	21,600	22,400	20,000	9,700	8,400	2,560	31,300	30,800	22,560
Ariz	63,670	69,400	58,950	660	450	400	64,330	69,850	59,350
Ark	6,700	6,400	4,700	6,420	6,450	4,680	13,120	12,850	9,380
Calif	557,700	562,100	563,850	291,580	313,410	253,230	849,280	875,510	817,080
Colo	20,570	21,520	20,450	4,770	4,930	3,880	25,340	26,450	24,330
Conn	5,100	4,500	4,500				5,100	4,500	4,500
Del	2,900	2,900	3,000	35,220	30,420	26,080	38,120	33,320	29,080
Fla	268,750	258,600	270,500	21,800	22,770	16,980	290,550	281,370	287,480
Ga	42,900	42,100	42,900	4,300	4,590	2,900	47,200	46,690	45,800
Hawaii	1,760	1,850	1,750				1,760	1,850	1,730
Idaho	5,200	4,500	4,500	35,150	35,230	30,910	40,350	39,730	35,410
Ill	9,950	8,800	8,250	95,180	95,020	74,380	105,130	103,820	82,630
Ind	12,700	12,500	13,060	20,000	20,340	18,280	32,700	32,840	31,340
Iowa	230	130	120	7,700	5,650	3,760	7,930	5,780	3,880
Ky	2,200	3,400	2,900	2,270	1,220	1,000	4,470	4,620	3,900
La	1,620	1,520	1,250	140	210	150	1,760	1,730	1,400
Maine				7,070	8,010	7,550	7,070	8,010	7,550
Md	11,820	12,550	12,940	34,820	36,010	28,910	46,640	48,560	41,860
Mass	8,580	8,920	9,600	1,400	1,600	860	9,980	10,520	10,460
Mich	64,700	65,300	63,500	52,460	51,450	42,000	117,160	116,750	105,500
Minn	5,670	5,080	5,060	185,470	178,090	174,040	191,140	183,170	179,100
Miss	12,000	11,500	10,500	4,200	3,500	3,500	16,200	15,000	14,000
Mo	4,400	4,100	2,400	1,700	470	1,500	6,100	4,570	3,900
Nebr				200	120	390	200	120	390
N.J	43,050	44,790	43,630	19,250	16,800	14,660	62,300	61,590	58,290
N.Mex	8,700	7,400	7,400	600	300	400	9,300	7,700	7,900
N.Y	62,700	65,400	65,310	88,530	83,030	78,900	151,230	148,430	144,210
N.C	43,090	42,700	42,000	31,150	32,710	28,830	74,240	75,410	70,830
Ohio	22,250	22,270	22,460	28,110	26,510	24,150	50,360	48,780	46,610
Okl	7,000	7,500	7,000	3,020	2,150	4,230	10,020	9,650	11,230
Oreg	16,400	16,870	16,030	116,850	122,660	101,410	133,250	139,530	117,440
Pa	25,560	26,300	26,100	14,940	14,930	15,020	40,500	40,930	41,120
S.C	33,450	33,400	30,100	9,700	10,900	8,200	43,150	44,330	38,300
S.Dak				60	60	50	60	60	50
Tenn	7,150	6,050	6,650	12,880	10,880	13,700	20,030	16,930	20,350
Tex	181,600	169,850	155,520	20,100	20,300	18,400	201,700	190,150	173,920
Utah	2,000	2,000	1,900	4,750	4,670	4,890	6,750	6,670	6,790
Va	17,800	16,840	16,730	13,320	11,670	8,340	31,120	28,510	25,070
Wash	34,180	35,400	35,280	121,820	127,900	100,420	156,000	163,300	135,700
W.Va				100	70	10	100	70	10
Wis	8,000	8,800	7,200	304,270	338,870	308,650	312,270	347,670	315,850
U.S.	1,643,650	1,635,640	1,607,970	1,611,660	1,652,480	1,428,200	3,255,310	3,288,120	3,036,170

<sup>1</sup> Area for fresh market is area for harvest. Area for processing is area harvested.

<sup>2</sup> Area of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

<sup>3</sup> Preliminary.

<sup>4</sup> Area of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Statistical Reporting Service.



Table 213.—Vegetables, commercial: Production of principal crops, by States, 1978–80

State	For fresh market <sup>1</sup>			For processing <sup>3</sup>			Total		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	<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>
Ala . . . . .	72,800	74,050	65,050	15,250	18,260	4,890	88,050	92,310	69,940
Ariz . . . . .	596,200	615,850	595,000	2,700	1,800	1,600	598,900	617,650	596,600
Ark . . . . .	31,300	35,800	16,050	18,350	16,670	12,210	49,650	52,470	28,260
Calif . . . . .	5,740,650	5,968,050	5,936,500	5,504,300	6,624,130	5,746,730	11,244,950	12,592,180	11,683,230
Colo . . . . .	252,000	253,700	234,050	35,950	34,800	32,150	287,950	288,500	266,200
Conn . . . . .	17,850	17,100	19,800				17,850	17,100	19,800
Del . . . . .	15,900	13,550	16,250	66,700	60,300	55,730	82,600	73,850	71,980
Fla . . . . .	1,938,800	1,968,100	2,145,700	80,400	88,480	65,040	2,019,200	2,056,580	2,210,740
Ga . . . . .	180,100	181,400	171,600	11,400	10,700	7,880	191,500	192,100	179,480
Hawaii . . . . .	18,350	17,600	18,450				18,350	17,600	18,450
Idaho . . . . .	123,500	114,750	122,650	185,150	213,130	172,120	308,650	327,880	294,770
Ill . . . . .	38,750	36,700	30,000	352,050	373,280	248,640	390,800	409,980	278,640
Ind . . . . .	81,650	81,400	80,850	244,950	192,030	136,510	326,600	273,430	217,360
Iowa . . . . .	50	50	50	46,600	37,030	24,680	46,650	37,080	24,730
Ky . . . . .	7,600	12,400	11,150	7,600	5,610	4,350	15,200	18,010	15,500
La . . . . .	5,100	5,050	3,650	200	280	100	5,300	5,330	3,750
Maine . . . . .				8,350	11,780	8,380	8,350	11,780	8,380
Md . . . . .	47,250	48,750	52,850	138,700	142,940	107,220	185,950	191,690	160,070
Mass . . . . .	47,050	45,200	51,000	13,400	12,660	8,020	60,450	57,860	59,020
Mich . . . . .	403,300	417,850	363,800	259,850	267,530	234,720	663,150	685,380	598,520
Minn . . . . .	47,300	39,850	36,150	744,450	694,060	647,100	791,750	733,910	683,250
Miss . . . . .	57,000	51,750	36,750	6,700	5,430	2,630	63,700	57,180	39,380
Mo . . . . .	24,200	28,700	14,400	2,400	1,000	2,070	26,600	29,700	16,470
Nebr . . . . .				650	650	1,750	650	650	1,750
N.J . . . . .	210,200	206,200	213,900	127,850	124,060	92,170	338,050	330,260	306,070
N. Mex . . . . .	111,900	87,500	88,750	4,800	2,800	4,000	116,700	90,300	92,750
N.Y . . . . .	567,100	606,950	579,050	403,750	420,620	380,750	970,850	1,027,570	959,800
N.C . . . . .	141,500	150,450	150,550	81,400	91,250	95,280	222,900	241,700	245,830
Ohio . . . . .	133,100	130,350	116,350	500,700	465,570	343,140	633,800	595,920	459,490
Okla . . . . .	22,750	22,500	10,500	12,300	6,970	19,670	35,050	29,470	30,170
Oreg . . . . .	266,550	309,600	302,750	577,140	612,480	569,680	843,690	922,080	872,430
Pa . . . . .	102,200	97,550	85,550	107,800	97,890	66,150	210,000	195,440	151,700
S.C . . . . .	138,700	140,150	140,900	29,650	26,850	22,550	168,350	167,000	163,450
S. Dak . . . . .				150	170	170	150	170	170
Tenn . . . . .	31,750	26,950	28,150	26,800	23,740	21,580	58,550	50,690	49,730
Tex . . . . .	1,187,600	1,071,200	1,059,100	121,450	96,890	98,100	1,309,050	1,168,090	1,157,200
Utah . . . . .	36,000	41,500	32,800	17,350	23,270	19,900	53,350	64,770	52,700
Va . . . . .	74,050	69,300	63,300	72,450	67,580	33,170	146,500	136,880	96,470
Wash . . . . .	227,950	263,800	231,950	469,000	487,630	411,090	696,950	751,430	643,040
W. Va . . . . .				750	850	160	750	850	160
Wis . . . . .	141,950	159,250	104,250	1,024,050	1,214,840	1,081,090	1,166,000	1,374,090	1,185,340
U.S . . . . .	13,140,000	13,410,900	13,229,600	11,323,490	12,576,010	10,783,170	24,463,490	25,986,910	24,012,770

<sup>1</sup> Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

<sup>2</sup> Preliminary.

<sup>3</sup> Production of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Statistical Reporting Service.

Table 214.—Vegetables, commercial: Value of principal crops, by States, 1978–80

State	For fresh market <sup>1</sup>			For processing <sup>3</sup>			Total		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</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
Ala	21,381	23,837	28,126	1,645	2,839	653	23,026	26,676	28,779
Ariz	134,867	129,650	126,401	305	216	200	135,172	129,866	126,601
Ark	7,926	12,834	8,259	1,798	2,454	1,620	9,724	15,288	9,879
Calif	1,247,644	1,272,627	1,381,682	374,927	478,259	365,117	1,622,571	1,750,886	1,746,799
Colo	34,263	31,061	45,927	3,743	3,322	4,189	38,006	34,383	50,116
Conn	2,535	2,736	3,568				2,535	2,736	3,568
Del	1,433	1,631	2,703	11,458	9,349	8,964	12,891	10,980	11,667
Fla	499,192	613,997	589,025	10,597	12,155	14,817	509,789	626,152	603,842
Ga	18,403	20,733	29,906	1,701	1,705	1,537	20,104	22,438	31,443
Hawaii	7,384	7,843	8,063				7,384	7,843	8,063
Idaho	18,828	8,365	29,696	13,779	14,214	12,959	32,607	22,579	42,655
Ill	6,905	6,662	7,339	29,591	33,795	26,678	36,496	40,457	34,017
Ind	15,005	13,929	14,606	17,754	14,306	10,337	32,759	28,235	24,943
Iowa	65	84	82	2,396	1,949	1,385	2,461	2,033	1,467
Ky. <sup>4</sup>	1,271	1,875		1,012	732	631	2,283	2,607	631
La	2,763	2,313	2,080		22	35	2,785	2,348	2,091
Maine				1,587	2,069	1,617	1,587	2,069	1,617
Md	7,889	10,504	11,467	13,640	14,117	11,907	21,529	24,621	23,374
Mass	8,094	9,081	10,903	1,394	1,342	874	9,488	10,423	11,777
Mich	89,426	89,524	97,632	27,176	29,311	25,530	116,602	118,835	123,162
Minn	5,859	4,740	7,172	50,432	54,067	49,663	56,291	58,807	56,835
Miss	3,659	4,057	3,043	824	717	345	4,483	4,774	3,388
Mo	1,452	1,866	979	211	138	329	1,663	2,004	1,308
Nebr				91	105	322	91	105	322
N.J.	56,065	61,164	59,343	11,600	11,541	10,191	67,665	72,705	69,534
N. Mex	21,148	17,635	17,045	360	210	340	21,508	17,845	17,385
N. Y	102,708	99,572	149,245	30,472	32,786	33,665	133,180	132,358	182,910
N.C.	31,368	27,586	30,386	10,331	14,014	16,365	41,699	41,600	46,751
Ohio	31,330	30,171	27,536	37,194	36,954	29,481	68,524	67,125	57,017
Okla	2,129	1,710	1,371	1,008	653	1,882	3,137	2,363	3,253
Oreg	41,487	27,589	68,961	51,650	59,409	57,320	93,137	86,998	126,281
Pa	26,228	25,276	20,956	7,890	7,574	5,748	34,118	32,850	26,704
S.C.	24,595	31,268	31,891	4,615	4,246	3,969	29,210	35,514	35,860
S.Dak				21	27	30	21	27	30
Tenn	15,379	11,423	11,182	3,755	3,270	3,352	19,134	14,693	14,534
Tex	216,166	231,000	253,160	12,806	11,745	12,805	228,972	242,745	265,965
Utah	5,247	2,900	7,366	1,601	2,308	2,245	6,848	5,208	9,611
Va	17,422	17,997	19,949	6,730	6,175	3,467	24,152	24,172	23,416
Wash	45,673	48,931	53,491	47,592	56,966	39,686	93,265	105,897	93,177
W. Va				47	60	11	47	60	11
Wis	13,341	13,228	13,372	81,013	105,105	97,434	94,354	118,333	110,806
U.S.	2,786,530	2,917,399	3,173,913	874,768	1,030,239	857,676	3,661,298	3,947,638	4,031,589

<sup>1</sup> Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

<sup>2</sup> Preliminary.

<sup>3</sup> Value of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Value for fresh market in 1980 not reported to avoid disclosure of individual operations.

Statistical Reporting Service.

**Table 215.— Artichokes, globe, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966–80<sup>1</sup>**

Year	Area for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	8,900	75	668	8.76	5,853	1974 . . .	10,800	65	702	17.30	12,152
1967 . . . . .	9,600	76	730	8.87	6,472	1975 . . .	10,200	72	734	16.10	11,847
1968 . . . . .	9,600	60	576	10.00	5,772	1976 . . .	10,600	76	806	14.40	11,568
1969 . . . . .	10,100	65	657	10.60	6,946	1977 . . .	10,800	66	713	19.30	13,775
1970 . . . . .	11,000	61	671	10.30	6,920	1978 . . .	9,900	53	525	27.00	14,201
1971 . . . . .	11,000	72	792	9.72	7,697	1979 . . .	9,700	90	873	27.70	24,220
1972 . . . . .	11,100	64	710	11.60	8,222	1980 <sup>3</sup> . .	9,900	80	792	34.70	27,473
1973 . . . . .	12,000	50	600	14.50	8,699						

<sup>1</sup> California only. Includes production for fresh market and processing.

<sup>2</sup> Price and value f.o.b. basis.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 216.— Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1966–80**

Year	Total crop					For fresh market			For processing		
	Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production <sup>1</sup>	Value <sup>2</sup>		Production <sup>1</sup>	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>
1966 . . . . .	128,110	26	3,319	17.40	57,888	847	20.10	17,029	123,600	331.00	40,859
1967 . . . . .	125,920	24	3,048	17.80	54,336	850	21.00	17,877	109,900	332.00	36,459
1968 . . . . .	121,360	26	3,202	18.80	60,108	892	21.80	19,489	115,500	352.00	40,619
1969 . . . . .	115,350	24	2,815	19.60	55,249	778	23.60	18,350	101,850	362.00	36,899
1970 . . . . .	112,260	25	2,755	19.90	54,836	944	22.30	21,019	90,550	373.00	33,817
1971 . . . . .	114,170	24	2,791	22.90	64,015	833	29.20	24,309	97,900	406.00	39,706
1972 . . . . .	119,070	24	2,891	23.50	67,921	922	26.70	24,663	98,450	439.00	43,258
1973 . . . . .	115,380	22	2,545	26.10	66,411	860	31.10	26,765	84,250	471.00	39,646
1974 . . . . .	112,490	23	2,604	28.50	74,277	824	33.40	27,489	89,000	526.00	46,788
1975 . . . . .	102,570	21	2,141	28.70	61,436	874	34.00	29,695	63,350	501.00	31,741
1976 . . . . .	92,580	25	2,302	31.30	72,122	919	38.10	35,025	69,150	536.00	37,097
1977 . . . . .	87,520	25	2,200	36.90	81,218	733	47.00	34,427	73,350	638.00	46,791
1978 . . . . .	83,830	22	1,861	43.70	81,256	701	52.20	36,559	58,000	771.00	44,697
1979 . . . . .	80,660	24	1,911	51.50	98,366	640	64.40	41,214	63,500	900.00	57,152
1980 <sup>4</sup> . . . . .	82,950	20	1,671	49.10	82,118	784	58.10	45,535	44,410	824.00	36,583

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred weight): 91 (4,550 tons for processing) in 1966 and 80 for fresh market only in 1969.

<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.

Statistical Reporting Service.

**Table 217.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978–80**

Season and State	Area <sup>1</sup>			Production			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
Spring:	<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>
Calif . . . . .	28,000	26,400	27,900	784	924	781	45.00	52.50	52.20
Ill . . . . .	4,200	3,100	2,900	38	34	38	41.80	46.90	49.60
Mich . . . . .	19,500	19,500	19,500	254	254	234	56.70	61.20	51.30
N.J . . . . .	1,900	1,600	1,500	27	27	23	66.60	81.60	85.30
Wash . . . . .	21,000	21,000	22,200	672	588	511	36.20	44.80	40.90
Other States <sup>3</sup> . . . . .	9,230	9,060	8,950	86	84	84	45.00	48.90	54.30
U.S . . . . .	83,830	80,660	82,950	1,861	1,911	1,671	43.70	51.50	49.10

Season and State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
Spring:	<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>
Calif . . . . .	529	480	631	50.20	62.40	55.40	12,750	22,200	7,500	683.00	838.00	780.00
Ill . . . . .	6	7	.. .	51.80	51.90	.. .	1,600	1,350	.. .	798.00	912.00	.. .
Mich . . . . .	44	52	70	60.00	78.40	65.00	10,500	10,080	8,220	1,120.00	1,137.00	908.00
Wash . . . . .	84	62	41	52.20	61.80	69.80	29,400	26,300	23,510	670.00	857.00	767.00
Other States <sup>4</sup> . . . . .	38	39	42	63.60	76.70	75.40	3,750	3,570	5,180	868.00	929.00	1,011.00
U.S . . . . .	701	640	784	52.20	64.40	58.10	58,000	63,500	44,410	771.00	900.00	824.00

<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> Mostly for processing; includes Delaware, Indiana, Iowa, Maryland, Minnesota, Oregon, and Virginia.

<sup>4</sup> Data for fresh market include Illinois, Indiana, Iowa, Maryland, New Jersey, and Oregon. Data for processing include Delaware, Illinois, Indiana, Iowa, Maryland, Minnesota, New Jersey, Oregon, and Virginia.

Statistical Reporting Service.

**Table 218.—Beans, green lima (for processing), commercial crop: Area, production, and value per ton, by States, 1978–80**

State	Area			Production <sup>1</sup>			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
Calif . . . . .	<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>
Del . . . . .	29,800	29,300	20,000	45,000	54,790	33,800	395.00	400.00	467.00
Md . . . . .	12,600	10,200	9,300	11,100	8,570	6,790	312.00	273.00	309.00
Wis . . . . .	4,000	3,400	2,600	3,250	2,550	1,690	339.00	353.00	377.00
Other States <sup>3</sup> . . . . .	6,400	6,900	4,800	6,000	7,310	4,900	251.00	297.00	277.00
U.S . . . . .	15,340	15,570	14,120	17,300	15,950	14,090	339.00	345.00	373.00
U.S . . . . .	68,140	65,370	50,820	82,650	89,170	61,270	359.00	368.00	410.00

<sup>1</sup> Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.

<sup>2</sup> Preliminary

<sup>3</sup> 1978—Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Ohio, Oregon, Pennsylvania, and Washington; 1979—Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Oregon, Pennsylvania, and Washington. 1980—Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Oregon, Pennsylvania, and Washington.

Statistical Reporting Service.

Table 219.—Beans, green lima, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1966-80

Year	For fresh market <sup>1</sup>					For processing				
	Area harvested	Yield per acre	Production	Value <sup>2</sup>		Area harvested	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.<sup>4</sup></i>	<i>1,000 cwt.<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons<sup>5</sup></i>	<i>Tons<sup>5</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	11,200	25	279	11.70	3,263	96,950	1.08	104,500	174.00	18,208
1967	10,900	26	288	11.70	3,373	97,310	1.19	115,750	178.00	20,552
1968	10,500	25	259	11.90	3,076	104,680	1.10	115,300	194.00	22,360
1969						83,180	1.19	98,700	179.00	17,659
1970						70,630	1.11	78,750	184.00	14,491
1971						71,130	1.13	80,650	185.00	14,960
1972						74,470	1.22	90,650	208.00	18,829
1973						77,530	1.27	98,100	211.00	20,714
1974						73,700	1.21	89,400	315.00	28,179
1975						76,900	1.25	96,100	322.00	30,898
1976						48,000	1.16	55,800	287.00	16,007
1977						60,310	1.23	74,200	343.00	25,426
1978						68,140	1.21	82,650	359.00	29,704
1979						65,370	1.36	89,170	368.00	32,831
1980 <sup>6</sup>						50,820	1.21	61,270	410.00	25,137

<sup>1</sup> Estimates discontinued in 1969.<sup>2</sup> Price and value on f.o.b. basis.<sup>3</sup> Price and value at processing plant door.<sup>4</sup> In the shell.<sup>5</sup> Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 220.—Beans, snap, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1966-80

Year	For fresh market					For processing				
	Area harvested	Yield per acre	Production	Value <sup>2</sup>		Area harvested	Yield per acre	Production	Value <sup>3</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>
1966	97,410	37	3,618	12.00	43,305	245,070	2.13	521,330	101.00	52,544
1967	97,790	39	3,785	11.50	43,580	273,590	2.32	635,920	102.00	64,621
1968	94,440	37	3,520	12.60	44,271	267,070	2.35	626,630	99.80	62,556
1969	88,320	37	3,290	13.00	42,826	238,290	2.39	568,450	99.50	56,565
1970	85,350	37	3,120	13.10	41,010	227,770	2.50	570,150	95.60	54,480
1971	83,610	37	3,096	14.40	44,599	240,200	2.48	596,650	92.60	55,264
1972	86,700	36	3,137	14.80	46,569	255,440	2.40	613,400	100.00	61,538
1973	85,870	35	3,033	17.90	54,173	292,180	2.54	741,650	103.00	76,241
1974	82,990	35	2,920	18.60	54,404	291,080	2.57	748,350	157.00	117,654
1975	84,630	38	3,200	19.60	62,699	273,580	2.43	665,200	153.00	102,096
1976	86,210	37	3,183	19.90	63,336	237,170	2.49	590,700	139.00	81,895
1977	79,550	37	2,963	21.10	62,452	257,640	2.62	675,450	145.00	98,170
1978	86,280	34	2,921	26.00	75,954	280,350	2.56	716,600	146.00	104,630
1979	85,510	34	2,928	27.10	79,494	285,420	2.69	769,130	153.00	117,869
1980 <sup>4</sup>	95,700	32	3,044	27.10	82,541	255,160	2.76	703,090	156.00	109,663

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 38 in 1968, and 22 in 1977.<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.

Statistical Reporting Service.

Table 221.—Beans, snap, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978–80

Utilization, season, and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
FOR FRESH MARKET									
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>
Fla .....	14,400	15,300	18,200	302	444	419	35.00	28.60	32.30
Total .....	14,400	15,300	18,200	302	444	419	35.00	28.60	32.30
Spring:									
Calif .....	650	800	950	68	76	100	37.90	31.20	34.70
Fla .....	12,600	11,900	15,700	441	369	440	27.20	25.30	21.10
Ga .....	2,600	2,700	3,500	78	84	102	21.50	31.30	24.60
N.J. ....	600	500	900	21	17	36	30.00	25.30	28.10
N.C. ....	2,600	2,400	2,600	57	60	57	27.00	27.80	23.10
S.C. ....	2,100	2,100	2,000	65	78	60	19.00	21.90	22.80
Total .....	21,150	20,400	25,650	730	684	795	26.90	26.50	23.80
Summer:									
Ala .....	1,200	1,200	1,100	36	36	33	41.70	40.90	45.30
Calif .....	1,800	1,700	1,600	162	145	139	23.20	22.70	22.50
Ga .....	1,400	1,100	1,000	31	28	25	21.20	27.20	32.00
Md .....	1,800	1,600	1,400	38	40	55	17.40	20.00	19.20
Mich .....	2,600	2,900	2,900	78	81	93	23.10	25.60	26.20
N.J. <sup>2</sup> .....	3,900	4,200	4,400	144	151	145	24.80	25.00	21.40
N.Y. ....	6,000	6,100	5,500	240	238	248	25.90	27.40	29.60
N.C. ....	3,700	3,500	3,600	148	116	130	24.70	27.30	24.30
Ohio .....	900	900	800	27	32	24	22.20	28.90	30.90
Pa .....	3,000	3,200	3,300	159	170	99	23.20	23.60	24.30
Tenn .....	2,200	1,600	2,200	84	64	55	28.90	27.30	29.90
Va .....	2,000	1,800	1,800	54	56	59	23.50	23.80	25.40
Total .....	30,500	29,800	29,600	1,201	1,157	1,105	24.80	25.80	26.10
Fall:									
Calif .....	1,000	1,200	1,400	70	84	101	31.80	30.70	26.10
Fla .....	13,400	13,100	13,800	429	393	414	21.80	28.10	29.90
Ga .....	1,100	1,600	2,400	25	45	72	24.70	33.20	29.00
Md .....	290	300	320	11	11	11	19.40	23.00	20.90
N.J. ....	800	800	1,400	33	25	31	21.90	26.10	23.80
N.C. ....	340	400	600	12	11	13	22.80	26.90	26.10
S.C. ....	1,200	900	900	36	21	28	19.00	23.10	24.80
Va .....	1,900	1,500	1,300	59	39	44	18.40	26.50	30.00
Total .....	20,030	19,800	22,120	675	629	714	22.50	28.40	28.60
All groups .....	86,080	85,300	95,570	2,908	2,914	3,033	25.90	27.00	26.90
Hawaii .....	200	210	130	13	14	11	57.50	66.90	73.80
U.S. ....	86,280	85,510	95,700	2,921	2,928	3,044	26.00	27.10	27.10

See footnotes at end of table.

**Table 221.—Beans, snap, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978-80—Continued**

Utilization season, and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
<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>
Ark	3,900			7,350			103.00		
Calif	7,400	7,300	4,500	16,050	13,940	12,060	212.00	206.00	237.00
Colo	1,400	1,500	770	4,200	5,300	2,330	128.00	126.00	142.00
Del	10,400	4,900	6,100	22,150	12,200	12,400	164.00	169.00	159.00
Fla	12,000	13,500	7,300	24,000	32,940	14,090	165.00	148.00	198.00
Ga	1,000	790	800	1,650	1,580	2,000	174.00	184.00	210.00
Ill	9,200	9,500	6,600	24,000	28,410	20,060	146.00	139.00	152.00
Ind	3,600	2,700	2,400	9,350	6,530	5,540	162.00	182.00	144.00
Md	6,300	8,600	4,900	12,600	15,650	8,620	174.00	169.00	169.00
Mich	16,400	17,300	13,700	34,450	35,980	38,360	148.00	162.00	156.00
N.J	9,000	6,800	6,400	17,800	14,420	16,900	149.00	172.00	191.00
N.Y	50,700	45,600	46,400	107,850	106,250	113,220	150.00	161.00	169.00
N.C	1,500	4,000	2,800	2,000	8,320	4,510	153.00	161.00	179.00
Okla	850			1,300			94.00		
Oreg	35,600	38,400	31,100	152,100	172,420	160,480	142.00	153.00	154.00
Pa	4,800	4,700	5,900	11,000	9,920	9,150	157.00	167.00	175.00
Tenn	12,000	9,900	12,100	19,300	15,940	12,710	175.00	183.00	211.00
Va	4,300	4,000	2,900	6,600	7,800	4,410	158.00	167.00	179.00
Wash	2,100	2,300	2,400	6,500	9,060	9,070	141.00	159.00	163.00
Wis	68,000	79,300	78,800	188,550	212,520	211,180	132.00	137.00	134.00
Other States <sup>3</sup>	19,900	24,330	19,290	48,000	59,950	46,000	139.00	163.00	158.00
Total	280,350	285,420	255,160	716,600	769,130	703,090	146.00	153.00	156.00
Grand total	366,630	370,930	350,860	862,650	915,530	855,290	209.00	216.00	225.00

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions, 15,000 cwt. in 1980.

<sup>3</sup> 1978—Alabama, Idaho, Kentucky, Maine, Minnesota, Missouri, Ohio, Texas, and Utah; 1979—Alabama, Arkansas, Idaho, Maine, Minnesota, Missouri, Ohio, Oklahoma, South Carolina, Texas, Utah, and West Virginia. 1980—Alabama, Arkansas, Idaho, Maine, Minnesota, Missouri, Ohio, Oklahoma, Texas, and Utah.

Statistical Reporting Service.

**Table 222.—Beets, commercial crop: Area, yield production, value per hundredweight and per ton, and total value, United States, 1966-80**

Year	For fresh market <sup>1</sup>					For processing				
	Area for harvest	Yield per acre	Production	Value <sup>2</sup>		Area harvested	Yield per acre	Production	Value <sup>3</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>
1966	2,800	116	326	4.15	1,352	17,050	11.37	193,850	20.00	3,872
1967	2,750	107	294	4.09	1,202	17,630	11.70	206,350	20.50	4,226
1968	1,800	134	241	5.22	1,259	21,160	12.72	269,200	23.80	6,394
1969						17,930	12.24	219,550	22.00	4,831
1970						15,000	13.71	205,650	21.30	4,379
1971						13,690	13.86	189,750	21.40	4,059
1972						12,670	13.02	164,900	23.70	3,910
1973						16,400	12.25	200,850	27.50	5,520
1974						18,510	13.03	241,100	41.00	9,887
1975						18,080	12.78	231,100	38.20	8,818
1976						14,490	10.86	157,350	38.50	6,057
1977						14,120	14.60	206,200	40.70	8,383
1978						17,320	12.79	221,600	39.70	8,793
1979						17,440	14.32	249,720	42.20	10,536
1980 <sup>4</sup>						13,340	15.40	205,370	47.00	9,659

<sup>1</sup> Estimates discontinued in 1969.

<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.

Statistical Reporting Service.

**Table 223.—Beets (for canning), commercial crop: Area, production, and value per ton, by States, 1978-80**

State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
N.Y. ....	5,000	5,000	3,800	72,500	79,100	65,130	40.10	37.30	43.10
Ore ....	2,100	2,200	1,900	33,900	45,600	33,000	50.30	49.50	64.00
Wis ....	7,600	8,100	5,300	94,000	104,170	77,800	36.30	40.60	39.90
Other States <sup>2</sup> .....	2,620	2,140	2,340	21,200	20,850	29,440	36.30	52.80	55.60
U.S. ....	17,320	17,440	13,340	221,600	249,720	205,370	39.70	42.20	47.00

<sup>1</sup> Preliminary.<sup>2</sup> 1978—California, Illinois, Michigan, Ohio, and Texas. 1979—California, Illinois, Ohio, and Texas; 1980—California, Illinois, Indiana, Michigan, Ohio, and Texas.

Statistical Reporting Service.

**Table 224.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1966-80<sup>1</sup>**

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</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>
1966 .....	39,280	68	2,677	8.68	23,247	.....	.....	.....	.....	.....	.....
1967 .....	43,360	64	2,782	8.88	24,696	.....	.....	.....	.....	.....	.....
1968 .....	42,950	72	3,080	8.93	27,497	.....	.....	.....	.....	.....	.....
1969 .....	37,360	67	2,487	10.10	25,153	811	13.00	10,575	83,800	174.00	14,578
1970 .....	41,140	76	3,138	9.71	30,482	977	13.40	13,072	108,050	161.00	17,410
1971 .....	42,770	74	3,171	11.20	35,577	1,286	14.80	19,002	94,250	176.00	16,575
1972 .....	47,300	77	3,644	10.80	39,451	1,375	14.10	19,436	113,450	176.00	20,015
1973 .....	53,940	65	3,502	12.10	42,476	1,497	15.70	23,517	100,250	189.00	18,959
1974 .....	49,400	80	3,933	14.20	55,912	1,590	17.10	27,264	117,150	245.00	28,648
1975 .....	49,650	79	3,940	15.10	59,444	2,035	17.40	35,376	95,250	253.00	24,068
1976 .....	52,800	81	4,289	15.90	68,204	2,234	19.00	42,495	102,750	250.00	25,709
1977 .....	70,890	80	5,694	16.30	92,748	2,572	19.70	50,562	156,100	270.00	42,186
1978 .....	68,300	79	5,399	18.10	97,619	2,647	21.70	57,330	137,600	293.00	40,289
1979 .....	70,900	89	6,301	19.20	120,913	3,255	22.20	72,286	152,300	319.00	48,627
1980 <sup>5</sup> .....	77,850	87	6,753	21.40	144,613	3,795	23.50	89,327	147,900	374.00	55,286

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 46 in 1970 and 22 in 1973.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Price and value at processing plant door.<sup>5</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 226

<sup>1</sup> Includes production for fresh market and processing.<sup>2</sup> Price and value on f.o.b. basis.<sup>3</sup> Beginning 1971, California only.<sup>4</sup> Preliminary.

Statistical Reporting Service.



**Table 225.—Broccoli, commercial crop: Area, production, and value per hundredweight, by States, 1978–80<sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>
Ariz .....	400	800	400	21	48	25	24.70	27.40	30.20
Calif .....	15,000	16,500	17,000	1,050	1,353	1,275	18.10	20.40	23.20
Tex .....	1,700	450	1,700	109	21	94	14.70	24.20	26.40
Total .....	17,100	17,750	19,100	1,180	1,422	1,394	17.90	20.70	23.50
Spring:									
Calif .....	15,900	19,000	20,100	1,383	1,805	2,010	18.50	17.70	20.90
Total .....	15,900	19,000	20,100	1,383	1,805	2,010	18.50	17.70	20.90
Summer:									
Calif .....	14,200	12,000	16,000	1,065	1,092	1,520	18.00	19.30	19.30
Oreg .....	900	900	1,000	76	90	99	16.90	16.90	18.70
Total .....	15,100	12,900	17,000	1,141	1,182	1,619	17.90	19.10	19.30
Fail:									
Ariz .....	400	250	350	22	19	21	23.50	28.00	27.40
Calif .....	19,300	20,500	19,500	1,660	1,845	1,619	17.90	19.40	21.80
Tex .....	500	500	1,800	13	28	90	15.20	27.40	30.30
Total .....	20,200	21,250	21,650	1,695	1,892	1,730	18.00	19.60	22.30
U.S .....	68,300	70,900	77,850	5,399	6,301	6,753	18.10	19.20	21.40

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>
Calif .....	2,531	3,135	3,567	21.60	22.00	23.10	131,350	148,000	142,850	296.00	320.00	376.00
Other States <sup>3</sup> .....	116	120	228	23.40	28.10	29.90	6,250	4,300	5,050	225.00	295.00	312.00
U.S .....	2,647	3,255	3,795	21.70	22.20	23.50	137,600	152,300	147,900	293.00	319.00	374.00

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes Arizona, Oregon, and Texas in "For fresh market;" includes Oregon and Texas in "For processing."

Statistical Reporting Service.

**Table 226.—Brussels sprouts, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966–80<sup>1</sup>**

Year	Area for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 .....	6,900	106	734	11.90	8,704	1974 .....	5,700	115	656	18.60	12,169
1967 .....	6,600	104	685	11.50	7,874	1975 .....	5,800	120	696	17.50	12,205
1968 .....	6,800	94	638	11.60	7,427	1976 .....	4,900	120	588	18.50	10,870
1969 .....	6,500	89	579	11.50	6,673	1977 .....	5,800	135	783	18.90	14,831
1970 .....	5,950	99	587	13.50	7,929	1978 .....	5,900	150	885	21.40	18,968
1971 <sup>3</sup> .....	6,140	107	655	12.40	8,122	1979 .....	5,500	140	770	20.70	15,928
1972 .....	6,560	111	725	14.30	10,387	1980 <sup>4</sup> ..	5,400	135	729	21.50	15,706
1973 .....	6,100	105	641	13.90	8,894						

See footnotes on page 160.

Table 227.—Cabbage, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight and per ton, total value, and stocks, United States, 1966–80

Year	Total crop						Stocks <sup>4</sup>	
	Area for harvest	Yield per acre	Production <sup>1</sup>	Shrinkage and loss <sup>2</sup>	Value <sup>3</sup>		Dec. 1	Jan. 1 <sup>5</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>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1966	110,580	193	21,390	148	3.32	70,130	750	420
1967	114,180	215	24,505	200	2.43	59,010	980	720
1968	106,770	221	23,585	191	2.81	65,826	1,050	640
1969	108,040	209	22,540	202	2.96	66,102	920	520
1970	109,860	218	23,991	352	3.41	80,529	1,140	820
1971	108,640	220	23,914	260	3.32	78,458	950	520
1972	105,230	215	22,573	200	3.52	78,641	640	400
1973	110,570	220	24,290	260	5.09	122,368	600	495
1974	107,390	236	25,341	289	3.92	98,160	<sup>6</sup> 770	570
1975	103,750	241	24,985	351	4.63	113,990		
1976	98,830	239	23,606	326	5.02	116,865		
1977	91,740	259	23,806	604	7.43	172,409		
1978 <sup>7</sup>	96,460	254	24,481	275	7.24	175,211		

  

Year	For fresh market					For sauerkraut				
	Area for harvest	Yield per acre	Production <sup>1,2</sup>	Value <sup>3</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</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>
1966	99,820	178	17,799	3.77	66,534	10,760	16.69	179,560	20.00	3,596
1967	99,900	191	19,037	2.89	54,357	14,280	19.15	273,400	17.00	4,653
1968	94,210	201	18,948	3.29	61,647	12,560	18.46	231,850	18.00	4,179
1969	95,260	190	18,090	3.46	61,865	12,780	17.41	222,500	19.00	4,237
1970	96,880	193	18,669	4.14	75,822	12,980	20.50	266,100	17.70	4,707
1971	97,180	198	19,215	3.92	74,347	11,460	20.50	234,950	17.50	4,111
1972	94,430	197	18,611	4.04	74,396	10,800	18.34	198,100	21.40	4,245
1973	97,530	204	19,907	5.95	116,944	13,040	16.81	219,150	24.80	5,424
1974	93,480	211	19,712	4.60	89,440	13,910	20.23	281,450	31.00	8,720
1975	92,040	219	20,197	5.37	106,508	11,810	20.30	239,750	31.40	7,525
1976	87,860	218	19,122	5.87	110,405	11,470	20.23	232,050	31.20	7,235
1977	81,510	235	19,174	8.91	165,548	10,530	22.29	234,750	30.50	7,166
1978	86,380	233	20,134	8.48	168,485	10,570	20.60	217,790	31.50	6,857
1979	82,820	234	19,369	8.09	153,528	9,800	24.27	237,820	31.60	7,525
1980 <sup>8</sup>	84,780	222	18,849	8.10	151,103	9,090	22.98	208,880	34.00	7,106

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 258 in 1966, 420 in 1967, 144 in 1968, 135 in 1969, 180 in 1970, 10 in 1971, 37 for fresh market (also 200 tons for processing) in 1972, and 78 in 1976.

<sup>2</sup>Shrinkage and loss from New York storage crop excluded in computing value. Shrinkage in 1978, 275,000 cwt., 1979, 400,000 cwt., and 1980, 200,000 cwt.

<sup>3</sup>Fresh market price and value on f.o.b. basis; processing price and value at processing plant door.

<sup>4</sup>Grower and dealer stocks, New York only.

<sup>5</sup>Jan. 1 of succeeding year.

<sup>6</sup>As of Nov. 15.

<sup>7</sup>Last year of estimate.

<sup>8</sup>Preliminary.

Statistical Reporting Service.

Table 228.—Cabbage, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978-80

Utilization, season, and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
FOR FRESH MARKET <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>
Calif . . . . .	2,300	2,900	2,600	518	667	533	6.32	11.60	5.34
Fla . . . . .	9,200	10,200	9,700	1,564	2,448	2,280	9.32	14.40	4.90
Tex . . . . .	9,500	4,300	9,500	2,660	1,011	2,138	9.08	12.70	5.66
Total . . . . .	21,000	17,400	21,800	4,742	4,126	4,951	8.86	13.50	5.28
Spring:									
Calif . . . . .	2,000	2,200	2,200	440	517	517	9.80	7.38	7.49
Fla . . . . .	6,200	5,600	5,000	1,581	1,568	1,300	8.48	9.36	7.16
Ga . . . . .	2,000	1,700	1,700	240	255	204	8.90	6.81	8.38
N.J . . . . .	500	600	700	115	150	154	10.70	9.40	12.50
N.C . . . . .	1,900	2,300	2,000	209	242	210	10.20	5.10	8.24
Ohio . . . . .	400	300	350	84	81	70	11.00	9.50	12.00
S.C . . . . .	850	800	700	89	96	81	10.90	6.50	9.75
Tenn . . . . .	750	750	750	110	105	101	12.30	10.40	9.00
Tex . . . . .	4,400	4,100	4,000	1,320	1,148	1,280	10.40	8.44	7.84
Total . . . . .	19,000	18,350	17,400	4,188	4,162	3,917	9.60	8.42	7.94
Summer:									
Calif . . . . .	1,800	1,600	2,000	405	384	480	6.69	4.68	7.21
Colo . . . . .	1,400	1,500	1,400	369	450	518	8.31	6.70	10.60
Ga . . . . .	1,000	1,100	1,000	140	110	125	7.35	7.30	12.70
Ill . . . . .	1,500	1,400	1,300	306	259	221	7.08	5.60	8.50
Ind . . . . .	850	900	1,200	219	225	264	10.10	6.00	9.00
Md . . . . .	650	780	720	117	125	112	8.72	5.37	8.90
Mass . . . . .	830	710	720	191	160	155	5.90	5.49	7.98
Mich . . . . .	1,750	1,800	2,000	311	297	310	10.40	6.87	9.38
N.J . . . . .	2,000	2,400	2,100	440	432	431	10.00	6.53	9.28
N.Y.: Long Island . . . . .	600	800	700	148	216	168	9.70	8.27	10.40
Upstate . . . . .	1,000	1,000	1,500	438	355	480	7.21	5.58	8.71
N.C . . . . .	2,850	2,900	2,600	520	667	507	8.14	4.55	7.43
Ohio . . . . .	1,100	1,200	1,200	253	240	210	8.66	6.71	8.73
Pa . . . . .	1,560	1,800	1,900	313	315	285	7.98	6.24	8.88
Va . . . . .	1,300	1,200	1,300	299	300	299	6.88	4.45	10.30
Wash . . . . .	780	850	850	157	166	149	7.00	7.80	10.40
Wis . . . . .	1,000	700	900	384	245	279	7.16	4.70	7.92
Total . . . . .	21,970	22,640	23,390	5,010	4,946	4,993	8.06	5.86	8.98
Fall:									
Calif . . . . .	1,700	1,800	2,300	391	432	552	5.31	5.53	8.56
Fla . . . . .	2,000	1,100	1,700	440	220	323	4.50	6.30	10.50
Ind . . . . .	100	100	100	26	25	22	7.00	6.00	8.59
Mich . . . . .	1,250	1,200	1,000	221	192	150	6.92	6.08	9.28
N.J . . . . .	1,000	1,100	1,000	220	204	220	6.13	6.34	10.10
N.Y.: Long Island . . . . .	700	700	600	186	210	147	4.52	8.25	11.60
Upstate <sup>3</sup> . . . . .	6,000	6,500	5,900	2,561	2,600	1,918	11.20	4.73	10.10
N.C . . . . .	1,900	2,000	1,900	247	260	228	4.88	5.33	10.10
Ohio . . . . .	400	400	400	94	72	60	6.35	6.00	9.57
Oreg . . . . .	600	640	600	134	141	144	10.20	7.50	9.90
Pa . . . . .	1,100	1,100	1,000	242	209	98	6.60	6.14	10.40
Tex . . . . .	6,200	6,000	4,100	961	960	697	4.62	7.05	12.00
Va . . . . .	400	340	430	108	85	86	4.94	6.25	11.00
Wis . . . . .	600	1,000	700	225	390	207	5.11	5.50	8.11
Total . . . . .	23,950	23,980	21,730	6,056	6,000	4,852	7.69	5.74	10.20
All groups . . . . .	85,920	82,370	84,320	19,996	19,234	18,713	8.47	8.07	8.07
Hawaii . . . . .	460	450	460	138	135	136	10.50	11.30	12.80
U.S . . . . .	86,380	82,820	84,780	20,134	19,369	18,849	8.48	8.09	8.10

See footnotes at end of table.

**Table 228.—Cabbage, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978-80—Continued**

Utilization, season, and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
FOR SAUERKRAUT									
Colo . . . . .	100	100	40	2,200	2,550	700	27.00	27.00	29.60
Ind . . . . .	150	200	90	2,560	3,070	1,200	23.00	24.00	27.00
N.Y . . . . .	4,000	3,400	3,400	82,000	85,680	83,810	29.90	29.60	31.50
Ohio . . . . .	1,300	1,200	1,100	32,400	34,400	26,910	32.70	33.30	35.90
Wis . . . . .	3,200	3,100	2,900	59,550	72,820	63,650	30.40	30.60	33.50
Other States <sup>4</sup> . . . . .	1,820	1,800	1,560	39,090	39,300	32,610	36.30	37.50	40.30
U.S . . . . .	10,570	9,800	9,090	217,790	237,820	208,880	31.50	31.60	34.00
Grand total . . . . .	96,950	92,620	93,870	1,224,490	1,206,270	1,151,330	145.00	136.00	139.00

<sup>1</sup> Preliminary.<sup>2</sup> Includes production for fresh market and processing.<sup>3</sup> Storage crop includes some quantities lost by shrinkage and waste.<sup>4</sup> 1978—Idaho, Illinois, Michigan, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, and Washington; 1979—Florida, Idaho, Illinois, Michigan, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, and Washington. 1980—Delaware, Florida, Idaho, Michigan, Oregon, Pennsylvania, Tennessee, and Washington.

Statistical Reporting Service.

**Table 229.—Cantaloups, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966-80<sup>1</sup>**

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	103,800	104	10,745	6.28	67,428	1974 . . . . .	69,800	139	9,720	9.99	97,111
1967 . . . . .	107,200	117	12,539	6.26	78,504	1975 . . . . .	75,660	130	9,858	10.40	102,888
1968 . . . . .	115,350	117	13,543	5.78	78,234	1976 . . . . .	75,730	134	10,140	11.00	111,040
1969 . . . . .	124,300	110	13,697	5.61	76,850	1977 . . . . .	80,000	136	10,899	10.60	115,377
1970 . . . . .	109,710	121	13,282	6.16	81,882	1978 . . . . .	99,820	133	13,318	9.64	128,387
1971 . . . . .	100,400	123	12,382	6.56	81,220	1979 . . . . .	91,420	134	12,211	11.30	137,705
1972 . . . . .	97,750	133	13,045	7.28	94,939	1980 <sup>4</sup> . . . . .	86,350	138	11,890	13.60	161,133
1973 . . . . .	93,000	122	11,302	8.08	91,268						

<sup>1</sup> Excludes casaba, crenshaw, persian, santa claus, honeyball, and honeydew melons.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 10 in 1971, 203 in 1973, and 46 in 1974.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 232

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1978—fall, Minnesota, 28 and Wisconsin, 9.<sup>3</sup> Indiana, New Jersey, and Ohio.<sup>4</sup> Illinois, Indiana, New Jersey, Ohio, and Wisconsin.

Statistical Reporting Service.

**Table 230.—Cantaloups, commercial crop: Area, production, and value per hundredweight, by States, 1978-80<sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>
Spring:									
Ariz . . . . .	6,000	5,100	2,300	960	765	357	11.10	14.00	19.60
Calif . . . . .	12,900	9,400	8,500	2,064	1,269	1,148	9.79	10.20	16.10
Tex . . . . .	14,200	12,000	11,700	1,633	1,620	1,521	9.30	14.10	16.60
Total . . . . .	33,100	26,500	22,500	4,657	3,654	3,026	9.89	12.70	16.80
Summer:									
Ariz . . . . .	3,100	2,000	2,300	465	270	368	13.30	12.60	14.50
Calif . . . . .	37,800	36,800	36,600	5,670	5,888	6,222	9.18	10.10	12.00
Colo . . . . .	920	920	850	147	138	106	5.16	5.48	8.55
Ga . . . . .	4,000	4,200	3,800	220	227	152	5.57	5.98	9.15
Ind . . . . .	2,600	2,600	2,600	364	338	338	8.95	10.00	11.00
Mich . . . . .	1,600	1,600	1,500	176	184	180	12.20	16.20	19.50
S.C . . . . .	2,800	2,800	2,900	120	106	96	8.10	9.50	11.20
Tex . . . . .	7,100	6,100	4,600	653	488	506	11.30	12.80	17.30
Total . . . . .	59,920	57,020	55,150	7,815	7,639	7,968	9.47	10.30	12.50
Fall:									
Ariz . . . . .	800	2,000	1,900	96	210	182	8.97	16.90	10.50
Calif . . . . .	6,000	5,900	6,800	750	708	714	10.00	12.80	12.80
Total . . . . .	6,800	7,900	8,700	846	918	896	9.88	13.70	12.30
U.S . . . . .	99,820	91,420	86,350	13,318	12,211	11,890	9.64	11.30	13.60

<sup>1</sup>Excludes casaba, crenshaw, persian, santa claus, honeyball, and honeydew melons. <sup>2</sup>Preliminary.

Statistical Reporting Service.

**Table 231.—Carrots, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1966-80**

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>1</sup>		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>
1966 . . . . .	79,680	216	17,215	4.02	69,176	.....	.....	.....	.....	.....	.....
1967 . . . . .	81,290	215	17,501	4.16	72,873	.....	.....	.....	.....	.....	.....
1968 . . . . .	72,200	265	19,142	4.31	82,516	.....	.....	.....	.....	.....	.....
1969 . . . . .	79,000	233	18,380	4.37	80,260	11,168	6.22	69,504	360,600	29.80	10,756
1970 . . . . .	77,570	234	18,156	3.63	65,953	10,952	5.09	55,783	360,200	28.20	10,170
1971 . . . . .	72,330	261	18,866	5.02	94,738	11,671	7.18	83,753	359,750	30.50	10,985
1972 . . . . .	75,800	259	19,605	5.14	100,749	12,571	7.21	90,651	351,700	28.70	10,098
1973 . . . . .	83,800	266	22,284	4.76	106,034	12,857	7.20	92,532	471,350	28.60	13,502
1974 . . . . .	78,550	292	22,924	5.28	121,145	13,289	7.66	101,811	481,750	40.10	19,334
1975 . . . . .	70,080	271	19,016	6.88	130,891	12,423	9.38	116,516	329,650	43.60	14,375
1976 . . . . .	73,460	262	19,278	5.88	113,371	12,353	8.08	99,785	346,250	39.20	13,586
1977 . . . . .	69,630	277	19,271	7.20	138,664	10,735	11.20	120,026	426,800	43.70	18,638
1978 . . . . .	76,770	258	19,824	6.74	133,603	11,374	10.00	114,275	422,520	45.70	19,328
1979 . . . . .	78,060	269	21,004	6.90	144,937	11,625	10.60	123,053	468,950	46.70	21,884
1980 <sup>4</sup> . . . . .	72,400	270	19,520	8.27	161,432	12,336	11.50	142,380	359,170	53.00	19,052

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 170 in 1975 and 243 in 1976. <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.

Statistical Reporting Service.

Table 232.— Carrots, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978-80

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</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>
Ariz.....	700	600	600	105	66	72	9.72	11.90	7.81
Calif.:									
Desert.....	3,800	3,600	3,600	950	972	990	7.55	10.20	8.08
Other.....	4,100	4,800	5,500	1,210	1,344	1,650	7.89	8.93	7.31
Tex.....	9,200	9,000	5,900	1,794	1,170	1,003	6.15	10.50	6.14
Total.....	17,800	18,000	15,600	4,059	3,552	3,715	7.09	9.85	7.21
Spring:									
Ariz.....	1,300	1,400	1,400	150	175	203	8.89	10.40	8.24
Calif.:									
Desert.....	7,300	6,600	7,500	1,460	1,386	1,500	7.40	7.61	9.75
Other.....	4,700	5,500	5,100	1,551	1,815	1,683	8.45	8.80	8.47
Tex.....	4,700	2,700	3,200	611	338	368	7.30	7.32	6.41
Total.....	18,000	16,200	17,200	3,772	3,714	3,754	7.87	8.29	8.77
Summer:									
Calif.: Other.....	7,400	7,000	6,300	1,702	2,310	2,048	10.60	7.44	9.75
Colorado.....	1,000	1,000	1,100	250	245	264	8.95	9.60	9.40
Ill.....	350	300	250	103	93	64	6.61	8.03	10.40
Mich.....	3,200	3,400	3,200	816	833	752	11.30	8.40	11.60
Tex.....	500	600	300	90	60	48	11.20	12.50	19.00
Wash.....	1,000	900	950	420	392	418	4.51	7.26	7.97
Wis.....	1,200	1,900	1,400	504	760	357	4.36	3.46	4.46
Total.....	14,650	15,100	13,500	3,885	4,693	3,951	9.09	7.14	9.53
Fall:									
Calif.:									
Desert.....	800	1,000	600	172	210	114	8.56	9.67	16.00
Other.....	7,300	8,500	8,000	1,971	2,253	2,400	6.23	6.59	9.75
Mich.....	2,900	3,200	2,400	798	880	588	8.00	7.28	11.90
Minn. <sup>2</sup> .....	1,900	1,700	1,300	694	646	494	5.21	5.08	7.38
N.Y.....	1,200	1,100	1,000	360	319	365	4.76	4.55	8.56
Oreg.....	1,300	1,400	1,500	449	616	698	3.56	3.24	5.70
Tex.....	3,400	3,800	4,200	612	608	630	7.34	7.99	13.70
Wash.....	3,500	4,100	3,200	1,400	1,845	1,520	2.34	3.00	5.13
Wis. <sup>2</sup> .....	2,500	2,600	2,400	1,025	1,118	768	3.30	3.35	3.94
Other States <sup>3</sup> .....	1,520	1,360	1,500	627	550	523	2.58	2.74	3.10
Total.....	26,320	28,760	26,100	8,108	9,045	8,100	4.91	5.05	7.91
U.S.....	76,770	78,060	72,400	19,824	21,004	19,520	6.74	6.90	8.27

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ariz.....	255	241	275	9.24	10.80	8.13						
Calif.....	6,750	7,167	7,973	9.81	10.40	11.00	113,300	156,150	120,600	55.00	49.60	55.60
Colo.....	250	245	264	8.95	9.60	9.40						
Mich.....	1,088	1,129	880	13.20	10.70	16.30	26,300	29,200	22,980	49.10	44.50	55.00
Minn.....	250	293	248	11.50	8.55	12.00	22,200	17,660	12,300	33.50	44.00	54.30
N.Y.....	87	77	159	12.40	11.00	15.80	13,650	12,080	10,300	46.50	50.00	59.30
Oreg.....	59	65	157	16.00	14.00	17.70	19,500	27,560	27,050	33.60	39.40	44.30
Tex.....	2,213	1,794	1,673	8.80	10.90	10.30	44,700	19,100	18,790	33.70	36.40	42.00
Wash.....	205	437	596	12.70	13.10	14.80	80,750	90,000	67,100	31.70	29.30	34.40
Wis.....	154			10.40			68,770			57.80		
Other States <sup>4</sup> .....	63	177	111	9.00	8.96	13.20	33,350	117,200	80,050	51.90	60.10	68.00
U.S.....	11,374	11,625	12,336	10.00	10.60	11.50	422,520	468,950	359,170	45.70	46.70	53.00

See footnotes on page 164.

Table 233.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978-80<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>
Ariz . . . . .	1,000	1,800	1,600	68	160	176	31.30	29.70	40.30
Calif . . . . .	4,300	6,000	5,100	301	510	408	25.50	24.40	29.60
Tex . . . . .	500	400	720	40	7	56	21.60	21.40	27.30
Total . . . . .	5,800	8,200	7,420	409	677	640	26.10	25.60	32.30
Spring:									
Calif . . . . .	5,200	6,800	6,700	421	646	704	27.00	25.00	28.90
Total . . . . .	5,200	6,800	6,700	421	646	704	27.00	25.00	28.90
Summer:									
Calif . . . . .	9,900	10,000	9,500	1,089	1,050	922	16.00	16.20	19.10
N.Y . . . . .	1,000	1,100	1,300	65	88	117	21.00	20.50	19.20
Total . . . . .	10,900	11,100	10,800	1,154	1,138	1,039	16.20	16.50	19.10
Fall:									
Ariz . . . . .	250	350	600	14	29	63	32.40	31.80	30.40
Calif . . . . .	14,000	10,900	12,600	1,260	981	1,134	15.80	18.90	19.50
Mich . . . . .	1,100	1,100	1,000	55	77	50	28.50	27.70	36.50
N.Y . . . . .	1,600	1,900	1,900	160	200	209	17.10	15.60	20.20
Oreg . . . . .	2,100	2,100	2,000	326	357	390	10.70	10.20	10.60
Tex . . . . .	500	300	300	9	12	26	27.80	37.00	26.10
Total . . . . .	19,550	16,650	18,400	1,824	1,656	1,872	15.60	17.40	18.60
U.S . . . . .	41,450	42,750	43,320	3,808	4,117	4,255	18.20	19.70	22.50

  

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>
Ariz . . . . .	82	189	239	31.50	30.00	37.70						
Calif . . . . .	1,372	1,991	2,068	27.40	25.80	28.30	84,950	59,800	55,000	220.00	214.00	248.00
Other States <sup>3</sup>	363	447	494	21.50	20.30	23.40	14,600	14,730	17,720	170.00	148.00	174.00
U.S . . . . .	1,817	2,627	2,801	26.40	25.20	28.20	99,550	74,530	72,720	213.00	201.00	230.00

<sup>1</sup> Includes heading (cauliflower) broccoli.<sup>2</sup> Preliminary.<sup>3</sup> Michigan, New York, Oregon, and Texas.

Statistical Reporting Service.

Table 234.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1966-80<sup>1</sup>

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</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>
1966	25,950	97	2,526	8.62	21,786	.....	.....	.....	.....	.....	.....
1967	26,250	93	2,445	8.77	21,447	.....	.....	.....	.....	.....	.....
1968	27,350	100	2,737	8.77	24,015	.....	.....	.....	.....	.....	.....
1969	27,300	96	2,615	9.47	24,775	1,650	11.80	19,533	48,250	109.00	5,242
1970	24,060	96	2,298	9.48	21,786	1,354	12.40	16,776	47,200	106.00	5,010
1971	24,960	98	2,456	10.20	25,107	1,274	14.50	18,420	59,100	113.00	6,687
1972	28,080	106	2,989	10.60	31,537	1,611	14.60	23,529	68,900	116.00	8,008
1973	31,780	93	2,940	11.50	33,902	1,442	16.40	23,625	74,900	137.00	10,277
1974	32,220	94	3,033	13.10	39,594	1,553	17.80	27,653	74,000	161.00	11,941
1975	31,880	94	2,987	15.20	45,320	1,744	20.00	34,816	62,150	169.00	10,504
1976	33,500	92	3,071	16.80	51,714	1,989	21.30	42,381	54,100	173.00	9,333
1977	37,210	99	3,674	17.50	64,434	2,113	23.20	49,119	78,050	196.00	15,315
1978	41,450	92	3,808	18.20	69,154	1,817	26.40	47,983	99,550	213.00	21,171
1979	42,750	96	4,117	19.70	81,121	2,627	25.20	66,137	74,530	201.00	14,984
1980 <sup>5</sup>	43,320	98	4,255	22.50	95,762	2,801	28.20	79,043	72,720	230.00	16,719

<sup>1</sup>Includes heading (cauliflower) broccoli.<sup>2</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 42 in 1970, 27 in 1973.<sup>3</sup>Price and value on f.o.b. basis.<sup>4</sup>Price and value at processing plant door.<sup>5</sup>Preliminary.

Statistical Reporting Service.

Table 235.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966-80<sup>1</sup>

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	32,710	449	14,680	4.88	71,659	1974	32,690	504	16,476	5.70	93,956
1967	32,660	450	14,684	4.75	69,719	1975	31,750	498	15,826	7.46	118,122
1968	32,910	470	15,465	4.65	71,940	1976	33,660	502	16,904	7.89	133,336
1969	33,180	476	15,790	5.61	88,601	1977	33,760	491	16,561	8.51	140,978
1970	33,080	469	15,531	5.39	83,642	1978	36,830	467	17,201	11.90	204,941
1971	33,540	474	15,909	5.46	86,908	1979	35,720	493	17,603	9.15	161,042
1972	33,220	482	16,021	6.42	102,794	1980 <sup>4</sup>	37,250	501	18,655	9.11	169,896
1973	33,480	501	16,784	6.04	101,352						

<sup>1</sup>Mostly for fresh market use, but includes quantities used for processing.<sup>2</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 297 in 1966, 823 in 1967, 351 in 1968, 128 in 1969, 22 in 1970, 70 in 1971, 56 in 1973, and 109 in 1974.<sup>3</sup>Price and value on f.o.b. basis.<sup>4</sup>Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 237

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 89 in 1966, 30 in 1967, 49 in 1969, 120 in 1970, 349 in 1971, 77 in 1972, and 56 in 1978.<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.

Statistical Reporting Service.



**Table 236.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1978–80<sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>
Calif.:									
Southern Coast . . .	4,500	4,900	4,500	2,295	2,646	2,543	8.82	9.54	7.59
Fla. . . . .	4,400	5,100	5,000	1,848	2,244	2,325	11.20	11.20	9.16
Total . . . . .	8,900	10,000	9,500	4,143	4,890	4,868	9.88	10.30	8.34
Spring:									
Calif.:									
Southern Coast . . .	4,800	4,400	4,800	2,304	2,288	2,616	15.10	9.43	8.97
Central Coast . . .	500	600	550	300	396	349	19.80	15.00	10.20
Fla. . . . .	4,700	4,200	5,400	1,575	1,785	2,106	14.50	11.80	9.70
Total . . . . .	10,000	9,200	10,750	4,179	4,469	5,071	15.20	10.90	9.36
Summer:									
Calif.:									
Central Coast . . .	4,400	4,000	4,000	2,310	2,160	2,380	12.20	6.34	6.42
Mich. . . . .	2,000	2,200	2,700	810	979	1,215	14.40	9.83	9.23
N.Y. . . . .	600	450	610	252	216	259	15.70	9.11	9.49
Ohio . . . . .	330	320	390	172	157	172	13.70	7.70	8.40
Total . . . . .	7,330	6,970	7,700	3,544	3,512	4,026	13.10	7.54	7.55
Fall:									
Calif.:									
Southern Coast . . .	2,500	1,900	1,900	1,400	1,083	1,112	9.60	7.80	12.90
Central Coast . . .	5,300	5,300	5,200	2,915	2,915	2,938	10.20	6.92	9.64
Fla. . . . .	2,400	1,800	1,700	852	495	425	10.50	10.20	15.90
Mich. . . . .	300	400	400	126	174	172	12.20	7.79	9.76
N.Y. . . . .	100	150	100	42	65	43	14.60	8.76	8.29
Total . . . . .	10,600	9,550	9,300	5,335	4,732	4,690	10.20	7.52	11.00
U.S. . . . .	36,830	35,720	37,250	17,201	17,603	18,655	11.90	9.15	9.11

<sup>1</sup>Mostly for fresh market use, but includes some quantities used for processing.    <sup>2</sup>Preliminary.

Statistical Reporting Service.

**Table 237.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1966–80**

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area for harvest	Yield per acre	Production	Value <sup>3</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>
1966 . . . . .	194,860	63	12,204	5.06	61,749	445,650	4.40	1,962,400	22.70	44,637
1967 . . . . .	190,100	70	13,219	4.83	63,852	470,550	4.47	2,101,900	25.00	52,541
1968 . . . . .	182,880	69	12,670	5.21	66,038	519,160	4.78	2,479,300	25.60	63,405
1969 . . . . .	189,100	69	12,996	4.93	64,061	448,700	4.70	2,109,350	25.10	52,983
1970 . . . . .	190,000	69	13,102	5.27	69,029	413,650	4.56	1,888,200	23.90	45,134
1971 . . . . .	184,800	68	12,654	5.83	73,745	424,600	4.84	2,054,200	24.20	49,781
1972 . . . . .	182,400	73	13,284	6.28	83,358	429,830	4.93	2,119,500	25.80	54,754
1973 . . . . .	179,800	78	14,008	6.77	94,844	456,100	4.80	2,190,450	29.80	65,163
1974 . . . . .	177,400	78	13,909	7.80	108,542	462,150	4.48	2,069,450	54.30	112,306
1975 . . . . .	179,400	80	14,398	8.41	121,117	508,700	4.70	2,393,100	53.60	128,227
1976 . . . . .	184,100	81	14,921	8.16	121,812	460,980	4.84	2,233,100	48.20	107,703
1977 . . . . .	176,800	81	14,343	8.07	115,775	453,980	5.23	2,376,200	49.60	117,879
1978 . . . . .	181,100	78	14,061	8.84	124,239	429,610	5.67	2,434,700	49.90	121,445
1979 . . . . .	178,400	78	13,929	9.88	137,687	417,640	5.90	2,463,940	51.30	126,439
1980 <sup>4</sup> . . . . .	175,450	79	13,911	10.70	149,267	377,200	5.68	2,141,050	53.40	114,336

See footnotes on page 168.

Table 238.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978-80

Utilization season, and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
FOR FRESH MARKET									
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>
Fla . . . . .	10,800	11,100	10,700	767	833	867	13.10	13.40	14.10
Total . . . . .	10,800	11,100	10,700	767	833	867	13.10	13.40	14.10
Spring:									
Ala . . . . .	1,400	1,400	1,000	98	112	50	9.10	9.80	7.40
Calif . . . . .	6,100	5,100	5,000	671	459	525	10.50	11.30	13.20
Fla . . . . .	30,500	30,400	29,000	3,355	3,344	3,045	8.52	9.46	11.60
Tex . . . . .	3,000	2,500	1,800	180	138	117	8.30	8.00	8.50
Total . . . . .	41,000	39,400	36,800	4,304	4,053	3,737	8.83	9.63	11.70
Summer:									
Ala . . . . .	2,000	2,100	1,300	130	122	56	12.90	13.30	7.90
Calif . . . . .	6,600	7,000	7,200	660	805	756	9.40	9.31	9.11
Colo . . . . .	3,200	3,200	3,200	320	320	304	6.98	7.29	6.50
Conn . . . . .	5,100	4,500	4,500	357	342	396	7.10	8.00	9.01
Ill . . . . .	3,900	4,000	3,800	328	348	277	7.53	8.25	10.50
Mass . . . . .	7,200	7,700	8,200	634	647	722	7.00	8.99	9.09
Mich . . . . .	11,700	11,500	11,500	702	667	771	9.28	8.28	8.92
N.J. <sup>2</sup> . . . . .	11,400	9,800	9,500	798	686	694	8.54	10.30	12.10
N.Y . . . . .	21,000	21,700	21,700	1,323	1,411	1,628	6.69	8.43	9.51
N.C . . . . .	5,200	5,200	4,600	276	255	258	9.00	10.00	9.30
Ohio . . . . .	14,800	15,000	15,500	1,036	1,125	1,085	9.60	11.80	9.88
Oreg . . . . .	1,700	1,800	1,700	145	198	170	10.10	10.80	11.90
Pa . . . . .	16,000	16,300	16,100	784	750	773	9.11	10.50	11.50
Va . . . . .	2,300	2,300	2,200	230	230	176	8.00	8.90	9.90
Wash . . . . .	2,800	2,700	2,800	224	243	224	8.50	9.41	10.20
Total . . . . .	114,900	114,800	113,800	7,947	8,149	8,290	8.37	9.51	9.79
Fall:									
Calif . . . . .	1,400	1,000	950	133	120	119	7.72	11.50	11.00
Fla . . . . .	13,000	12,100	13,200	910	774	898	9.48	11.10	12.20
Total . . . . .	14,400	13,100	14,150	1,043	894	1,017	9.26	11.20	12.10
U.S . . . . .	181,100	178,400	175,450	14,061	13,929	13,911	8.84	9.88	10.70
FOR PROCESSING									
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons<sup>3</sup></i>	<i>Tons<sup>3</sup></i>	<i>Tons<sup>3</sup></i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Del . . . . .	2,300	3,100	2,400	10,500	16,030	11,770	75.50	67.30	85.40
Idaho . . . . .	23,800	23,800	17,800	157,900	189,210	145,780	55.50	52.90	54.70
Ill . . . . .	48,400	44,000	37,800	246,850	251,680	161,030	51.00	51.90	63.50
Iowa . . . . .	6,700	5,000	3,100	36,000	27,000	18,070	45.90	48.50	50.60
Md . . . . .	11,500	10,300	10,600	49,900	47,480	36,150	61.30	57.00	67.60
Minn . . . . .	111,500	98,300	101,200	641,100	562,280	548,500	45.40	46.70	50.00
N.Y . . . . .	20,300	20,500	17,000	99,500	109,260	85,850	45.00	47.00	48.90
Oreg . . . . .	40,200	37,800	33,700	320,000	322,430	292,520	58.60	62.70	61.20
Pa . . . . .	4,400	3,900	4,000	16,900	11,350	14,160	42.80	43.30	49.10
Wash . . . . .	40,700	40,500	36,500	313,800	314,690	287,990	59.10	66.50	59.80
Wis . . . . .	110,800	121,400	106,100	504,150	574,220	513,520	41.40	40.50	44.70
Other States <sup>4</sup> . . . . .	9,010	9,040	7,000	38,100	38,310	25,710	55.70	51.90	53.60
U.S . . . . .	429,610	417,640	377,200	2,434,700	2,463,940	2,141,050	49.90	51.30	53.40
Grand total . . . . .	610,710	596,040	552,650	3,137,750	3,160,390	2,836,600	78.30	83.60	92.90

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions: 56,000 cwt. in 1978.<sup>3</sup> Tonnage in husk.<sup>4</sup> 1978—Indiana, Texas, Utah, Virginia, and West Virginia; 1979—Indiana, Michigan, Texas, Utah, and Virginia; 1980—Indiana and Utah.

Statistical Reporting Service.

Table 239.—Cucumbers, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978-80

Utilization, season, and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
FOR FRESH MARKET									
Spring:	<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>
Calif.....	800	1,300	1,100	208	371	264	18.70	14.40	14.70
Fla.....	8,000	7,700	7,600	1,200	1,155	1,368	11.20	16.50	14.10
N.C.....	3,400	3,600	3,300	133	238	188	16.00	8.01	6.90
S.C.....	3,600	3,800	3,600	360	353	338	11.90	12.70	12.80
Tex.....	3,400	2,700	3,900	357	284	254	16.10	14.80	9.86
Total.....	19,200	19,100	19,500	2,258	2,401	2,412	13.10	14.60	13.00
Summer:									
Calif.....	1,300	1,500	1,600	345	420	384	10.60	9.59	14.50
Md.....	1,200	1,400	1,500	118	134	135	9.23	10.80	9.40
Mich.....	2,100	1,900	1,900	221	219	209	12.10	14.80	11.30
N.J.....	1,500	1,700	1,700	218	238	255	11.70	15.00	15.70
N.Y.....	2,500	2,700	3,200	263	311	352	11.40	12.10	10.40
N.C.....	5,100	4,300	4,300	281	249	275	11.60	8.90	8.86
Tex.....	1,000	1,200	2,000	155	156	260	14.20	13.90	12.50
Va.....	3,100	2,900	3,000	217	203	180	12.50	13.00	13.10
Total.....	17,800	17,600	19,200	1,818	1,930	2,050	11.60	12.00	12.20
Fall:									
Calif.....	800	850	750	168	174	165	12.00	17.90	14.40
Fla.....	8,000	6,900	7,000	1,160	863	1,015	11.20	18.40	16.20
S.C.....	1,000	1,000	800	70	55	57	9.60	15.80	11.40
Tex.....	4,600	3,400	4,600	304	374	299	11.30	18.60	14.80
Va.....	1,800	1,600	2,100	110	77	99	9.97	14.00	13.40
Total.....	16,200	13,750	15,250	1,812	1,543	1,635	11.20	18.10	15.40
All groups.....	53,200	50,450	53,950	5,888	5,874	6,097	12.00	14.60	13.40
Hawaii.....	260	270	210	43	47	46	24.00	26.10	25.50
U.S.....	53,460	50,720	54,160	5,931	5,921	6,143	12.10	14.70	13.40
FOR PROCESSING									
	<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>
Calif.....	3,900	4,400	3,600	61,600	68,820	52,560	137.00	147.00	165.00
Colo.....	2,200	2,200	2,600	17,500	18,350	23,010	131.00	105.00	149.00
Del.....	1,200	1,800	1,600	9,100	7,690	7,200	107.00	128.00	147.00
Fla.....	6,200	6,300	7,200	26,400	28,350	28,800	183.00	197.00	364.00
Ind.....	950	940	930	9,200	6,610	6,760	142.00	126.00	116.00
Md.....	2,900	2,900	3,000	19,750	27,030	26,250	117.00	113.00	138.00
Mich.....	26,500	25,500	18,900	126,000	117,810	105,080	120.00	132.00	125.00
N.J.....	1,600	1,400	1,400	14,700	9,600	11,200	157.00	154.00	167.00
N.C.....	29,500	28,500	25,800	77,300	80,090	88,490	128.00	156.00	174.00
Ohio.....	6,400	6,400	6,100	67,700	80,200	62,530	132.00	150.00	168.00
Oreg.....	1,500	1,500	1,600	17,650	17,330	18,830	136.00	137.00	144.00
S.C.....	9,700	10,900	8,200	29,650	26,810	22,550	156.00	158.00	176.00
Tex.....	7,000	8,300	9,400	55,600	36,690	40,980	130.00	173.00	186.00
Va.....	3,600	2,300	3,200	20,200	11,250	10,400	123.00	120.00	125.00
Wash.....	1,900	1,300	1,400	18,050	13,800	12,670	133.00	135.00	145.00
Wis.....	11,100	10,300	9,500	61,050	63,970	53,680	108.00	145.00	170.00
Other States <sup>2</sup> .....	18,390	16,740	11,830	54,000	54,570	36,310	128.00	140.00	149.00
U.S.....	134,440	131,680	116,260	685,450	668,970	607,300	130.00	145.00	166.00
Grand total.....	187,900	182,400	170,420	982,000	965,020	914,450	164.00	191.00	201.00

<sup>1</sup> Preliminary.<sup>2</sup> 1978—Alabama, Arizona, Arkansas, Georgia, Idaho, Illinois, Kentucky, Louisiana, Massachusetts, Minnesota, Mississippi, Nebraska, New York, Oklahoma, Pennsylvania, and South Dakota. 1979-80 Alabama, Arizona, Arkansas, Georgia, Idaho, Illinois, Kentucky, Louisiana, Massachusetts, Minnesota, Mississippi, Nebraska, New York, Pennsylvania, and South Dakota.

Statistical Reporting Service.

**Table 240.—Cucumbers, commercial crop: Area, yield, production, value per hundredweight and per ton, total value, and pickle stocks, United States, 1966–80**

Year	For fresh market					For processing					Pickle stocks on hand Oct. 1 <sup>4</sup>
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>		
				Per cwt.	Total				Per ton	Total	
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars	Tons
1966	48,190	98	4,728	6.74	31,845	131,020	4.10	537,800	81.60	43,866	485,700
1967	50,380	99	4,990	6.37	31,787	156,200	3.84	599,350	91.20	54,662	572,400
1968	53,590	83	4,449	7.12	31,659	148,320	3.81	564,460	92.10	52,003	591,450
1969	48,580	91	4,422	7.21	31,861	135,020	3.83	517,000	91.90	47,534	548,500
1970	47,670	94	4,478	6.42	28,737	133,580	4.41	588,800	94.10	55,391	563,050
1971	46,550	93	4,326	7.57	32,742	127,600	4.41	563,100	93.20	52,461	522,300
1972	48,960	96	4,702	8.14	38,274	128,830	4.43	571,150	94.00	53,660	539,750
1973	43,890	96	4,206	9.34	39,292	125,930	4.76	598,800	99.30	59,448	501,000
1974	45,690	102	4,676	10.40	48,683	132,010	4.52	597,000	131.00	77,954	496,000
1975	47,450	105	4,969	10.50	52,421	140,170	4.81	674,250	129.00	86,730	502,800
1976	48,960	104	5,109	9.67	49,404	128,380	4.94	633,800	126.00	79,751	476,500
1977	51,710	109	5,647	10.00	56,686	123,790	5.04	623,850	126.00	78,651	494,550
1978	53,460	111	5,931	12.10	71,877	134,440	5.10	685,450	130.00	88,814	516,600
1979	50,720	117	5,921	14.70	87,188	131,680	5.08	668,970	145.00	97,186	508,650
1980 <sup>5</sup>	54,160	113	6,143	13.40	82,600	116,260	5.22	607,300	166.00	100,933	494,150

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight):

<sup>2</sup>Price and value on f.o.b. basis.

<sup>3</sup>Price and value at processing plant door.

<sup>4</sup>Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1 includes stocks of fresh-pack pickles.

<sup>5</sup>Preliminary.

Statistical Reporting Service.

**Table 241.—Eggplant, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966–80**

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1966	3,350	152	510	7.40	3,775	1974	3,250	186	605	11.60	7,042
1967	3,550	155	551	6.58	3,623	1975	3,350	209	701	10.40	7,289
1968	2,900	146	424	10.70	4,520	1976	3,450	203	702	10.40	7,317
1969	3,350	143	478	8.62	4,120	1977	3,150	203	641	11.00	7,058
1970	3,000	156	467	8.03	3,749	1978	3,550	188	669	12.70	8,482
1971	2,770	158	437	9.18	4,013	1979	3,700	181	671	14.70	9,870
1972	3,100	168	522	8.68	4,530	1980 <sup>3</sup>	3,900	184	719	14.50	10,411
1973	2,800	188	527	9.80	5,164						

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 21 in 1966.

<sup>2</sup>Price and value on f.o.b. basis.

<sup>3</sup>Preliminary.

Statistical Reporting Service.

**Table 242.—Eggplant, commercial crop: Area, production, and value per hundredweight, by States, 1978–80**

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
Winter: Fla . . . . .	450	500	600	99	128	126	10.30	13.30	13.30
Spring: Fla . . . . .	1,000	1,200	1,200	200	198	228	15.70	16.60	14.70
Summer: N.J . . . . .	1,000	1,000	1,000	155	145	150	16.30	17.80	14.10
Fall: Fla . . . . .	1,100	1,000	1,100	215	200	215	8.35	11.50	15.20
U.S . . . . .	3,550	3,700	3,900	669	671	719	12.70	14.70	14.50

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 243.—Escarole-endive, commercial crop: Area, production, and value per hundredweight, by States, 1978–80**

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
Winter: Fla . . . . .	2,600	3,300	3,000	325	429	360	21.10	19.70	12.80
Total . . . . .	2,600	3,300	3,000	325	429	360	21.10	19.70	12.80
Spring: Fla . . . . .	1,800	1,800	1,700	270	208	213	20.30	12.00	18.20
N.J . . . . .	250	310	290	48	56	55	42.20	25.50	18.10
Ohio . . . . .	50	50	50	6	4	9	45.00	38.00	32.00
Total . . . . .	2,100	1,960	2,040	324	268	277	24.00	15.20	18.60
Summer: N.J . . . . .	650	690	660	120	124	122	18.00	17.20	17.30
Ohio . . . . .	500	500	500	73	78	65	30.60	32.00	30.20
Total . . . . .	1,150	1,190	1,160	193	202	187	22.80	22.90	21.80
Fall: Fla . . . . .	1,600	1,600	1,600	200	184	176	13.00	15.10	13.00
Ohio . . . . .	50	50	40	5	4	3	25.60	28.50	32.10
Total . . . . .	1,650	1,650	1,640	205	188	179	13.30	15.40	13.30
U.S . . . . .	7,500	8,100	7,840	1,047	1,087	1,003	20.80	18.40	16.20

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 244.—Escarole-endive, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966–80**

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	10,450	109	1,143	5.80	6,632	1974 . . .	8,300	135	1,123	10.80	12,157
1967 . . . . .	9,450	119	1,122	6.21	6,965	1975 . . .	7,600	144	1,092	12.10	13,195
1968 . . . . .	7,800	137	1,066	7.60	8,107	1976 . . .	7,650	145	1,110	13.90	15,483
1969 . . . . .	9,500	116	1,102	7.49	8,249	1977 . . .	7,750	132	1,025	15.90	16,331
1970 . . . . .	8,800	127	1,120	6.48	7,259	1978 . . .	7,500	140	1,047	20.80	21,757
1971 . . . . .	9,100	127	1,155	9.10	10,513	1979 . . .	8,100	134	1,087	18.40	20,048
1972 . . . . .	9,800	120	1,180	7.99	9,431	1980 <sup>3</sup> . .	7,840	128	1,003	16.20	16,227
1973 . . . . .	8,400	143	1,199	11.60	13,943						

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 40 in 1968. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 245.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966–80**

Year	Area for harvest	Yield per acre	Production	Value <sup>1</sup>		Year	Area for harvest	Yield per acre	Production	Value <sup>1</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	9,100	134	1,216	6.63	8,062	1974 . . . .	12,400	176	2,185	8.23	17,993
1967 . . . . .	11,300	140	1,577	5.82	9,186	1975 . . . .	12,570	191	2,395	9.31	22,286
1968 . . . . .	10,300	134	1,379	6.71	9,249	1976 . . . .	13,950	168	2,346	10.60	24,916
1969 . . . . .	13,800	143	1,971	5.86	11,544	1977 . . . .	15,480	167	2,591	9.87	25,561
1970 . . . . .	13,200	146	1,931	5.66	10,936	1978 . . . .	18,520	184	3,413	9.62	32,846
1971 . . . . .	12,300	166	2,039	6.23	12,712	1979 . . . .	20,500	170	3,477	10.90	37,761
1972 . . . . .	13,200	175	2,307	6.24	14,390	1980 <sup>2</sup> . . .	17,700	180	3,180	13.50	42,864
1973 . . . . .	14,000	175	2,453	7.47	18,324						

<sup>1</sup> Price and value on f.o.b. basis. <sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 246.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1978–80**

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
Spring:									
Tex . . . . .	<i>Acres</i> 4,000	<i>Acres</i> 6,400	<i>Acres</i> 4,200	<i>1,000 cwt.</i> 600	<i>1,000 cwt.</i> 800	<i>1,000 cwt.</i> 672	<i>Dollars per cwt.</i> 13.90	<i>Dollars per cwt.</i> 13.00	<i>Dollars per cwt.</i> 20.40
Total . . . . .	4,000	6,400	4,200	600	800	672	13.90	13.00	20.40
Summer:									
Ariz . . . . .	1,400	1,200	1,200	224	192	174	9.02	8.30	10.40
Calif . . . . .	11,000	10,500	9,700	2,145	1,943	1,795	8.78	10.30	12.30
Total . . . . .	12,400	11,700	10,900	2,369	2,135	1,969	8.80	10.10	12.10
Fall:									
Ariz . . . . .	220	400	400	45	72	66	7.04	9.41	7.41
Calif . . . . .	1,900	2,000	2,200	399	470	473	8.36	10.80	10.10
Total . . . . .	2,120	2,400	2,600	444	542	539	8.23	10.60	9.77
U.S . . . . .	18,520	20,500	17,700	3,413	3,477	3,180	9.62	10.90	13.50

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 247.—Garlic, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966–80<sup>1</sup>**

Year	Area for harvest	Yield per acre	Production	Value		Year	Area for harvest	Yield per acre	Production	Value	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>* 1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	3,500	100	350	8.27	2,894	1974 . . .	9,000	130	1,170	12.20	14,265
1967 . . . . .	4,400	115	506	10.10	5,120	1975 . . .	10,800	130	1,404	13.10	18,415
1968 . . . . .	6,400	125	800	8.99	7,192	1976 . . .	8,800	105	924	13.00	11,995
1969 . . . . .	7,300	120	876	8.44	7,397	1977 . . .	10,400	110	1,144	14.30	16,336
1970 . . . . .	5,600	130	728	8.39	6,111	1978 . . .	13,000	120	1,560	15.80	24,723
1971 . . . . .	3,700	130	481	9.32	4,485	1979 . . .	14,200	130	1,846	15.20	27,974
1972 . . . . .	5,100	130	663	9.84	6,525	1980 <sup>2</sup> . . .	15,200	130	1,976	17.10	33,816
1973 . . . . .	6,900	130	897	11.70	10,522						

<sup>1</sup> California only. Includes production for fresh market and processing.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 248.—Lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966–80**

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	216,960	191	41,534	5.31	220,608	1974 . . .	228,320	225	51,431	6.93	356,402
1967 . . . . .	221,150	195	42,966	4.99	214,564	1975 . . .	228,750	235	53,658	6.71	360,313
1968 . . . . .	220,980	200	44,273	4.51	199,845	1976 . . .	225,020	249	55,931	8.26	462,262
1969 . . . . .	228,570	196	44,874	5.41	242,672	1977 . . .	231,380	259	59,929	6.94	415,951
1970 . . . . .	234,740	198	46,540	4.75	221,150	1978 . . .	239,090	252	60,275	9.90	596,908
1971 . . . . .	216,750	219	47,367	6.31	298,847	1979 . . .	245,850	249	61,310	9.23	566,073
1972 . . . . .	220,470	221	48,720	5.73	279,295	1980 <sup>3</sup> . .	242,560	261	63,214	8.94	565,227
1973 . . . . .	224,950	225	50,535	7.40	374,177						

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 673 in 1966; 124 in 1967; 735 in 1968; 576 in 1969; 915 in 1970; 338 in 1971; 82 in 1972; 1,316 in 1978; 1,578 in 1979; and 235 in 1980.<sup>2</sup> Price and value on f.o.b. basis.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 249.—Lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1978-80

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
Winter:									
Ariz	15,500	14,100	16,500	3,720	3,314	4,538	10.20	15.60	8.72
Calif <sup>2</sup>	39,600	36,500	38,000	9,108	8,943	8,930	8.47	14.10	7.11
Fla	4,100	6,000	6,800	779	1,290	1,360	16.80	21.00	11.80
Tex	3,000	3,600	3,900	735	684	702	10.40	17.00	9.07
Total	62,200	60,200	65,200	14,342	14,231	15,530	9.47	15.20	8.08
Spring:									
Ariz	7,700	13,600	7,500	1,348	2,040	1,125	21.10	6.10	13.80
Calif <sup>2</sup>	40,400	46,000	43,900	12,928	14,030	14,707	13.50	5.83	9.08
Fla	3,600	4,200	4,500	828	840	990	22.50	16.60	16.20
N.J	1,400	1,400	1,300	245	231	241	13.40	9.89	9.66
N. Mex	1,300	1,000	700	351	150	126	15.50	7.66	12.00
Total	54,400	66,200	57,900	15,700	17,291	17,189	14.70	6.46	9.83
Summer:									
Calif <sup>2</sup>	44,000	40,000	41,000	13,640	12,200	13,325	5.94	7.70	7.82
Colo	5,400	6,000	4,600	1,161	1,320	943	4.99	7.74	8.31
Mich	1,300	1,400	1,200	286	280	252	13.70	22.00	19.30
N.J	500	500	500	80	80	93	8.45	10.30	9.87
N.Y	3,500	3,600	3,800	665	702	798	9.95	12.00	13.60
Ohio	800	800	600	144	88	81	32.70	30.70	34.60
Wash	1,200	1,200	1,200	204	204	240	7.90	11.70	12.80
Wis	1,200	1,100	600	258	237	126	7.83	8.50	9.60
Total	57,900	54,600	53,500	16,438	15,111	15,858	6.47	8.38	8.56
Fall:									
Ariz	19,300	17,900	17,100	3,378	3,580	3,335	10.30	7.56	9.80
Calif <sup>2</sup>	35,400	38,000	40,700	8,673	9,500	9,972	8.10	7.02	8.51
Fla	2,700	2,600	3,000	432	338	375	16.20	13.80	19.90
N.J	700	800	800	154	168	180	9.93	10.00	9.54
N. Mex	3,700	3,200	2,800	703	640	518	7.96	9.11	9.90
Tex	2,200	1,700	900	352	357	158	8.74	9.42	7.88
Total	64,000	64,200	65,300	13,692	14,583	14,538	8.93	7.49	9.16
All groups	238,500	245,200	241,900	60,172	61,216	63,115	9.88	9.21	8.92
Hawaii	590	650	660	103	94	99	20.90	21.10	19.70
U.S.	239,090	245,850	242,560	60,275	61,310	63,214	9.90	9.23	8.94

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 1979—winter, California, 858; spring, California, 295; summer, California, 300; fall, California, 120; 1980—spring, California, 235.

Statistical Reporting Service.



**Table 250.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1978–80<sup>1</sup>**

Season and State	Area			Production			Shrinkage and loss			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>
Spring:												
Ariz .....	1,800	1,600	1,400	738	536	623	.....	.....	.....	5.11	8.99	9.43
Calif .....	5,300	5,600	5,100	1,590	1,904	1,683	.....	.....	.....	7.57	10.40	9.77
Tex .....	22,300	21,900	18,300	3,345	3,504	3,569	.....	.....	.....	9.53	9.00	8.63
Total .....	29,400	29,100	24,800	5,673	5,944	5,875	.....	.....	.....	8.41	9.45	9.04
Summer:												
Non-storage:												
N.J. ....	600	790	680	84	115	75	.....	.....	.....	9.50	11.90	12.20
N. Mex ..	3,700	3,200	3,900	1,184	960	1,131	.....	.....	.....	8.54	11.10	9.20
Tex .....	7,700	7,600	7,200	1,502	1,520	1,764	.....	.....	.....	9.90	12.70	10.30
Wash .....	800	750	780	304	278	257	.....	.....	.....	10.10	12.70	8.86
Non-storage total .....	12,800	12,340	12,560	3,074	2,873	3,227	.....	.....	.....	9.38	12.10	9.84
Storage:												
Colo .....	7,800	7,800	8,200	2,730	2,535	2,460	510	685	570	8.27	5.64	13.10
Idaho .....	5,200	4,500	4,500	2,470	2,295	2,453	642	622	405	10.30	5.00	14.50
Mich .....	7,900	7,900	7,200	2,686	2,686	1,800	436	446	400	5.77	4.69	13.20
Minn .....	970	480	760	223	125	201	40	31	29	5.90	3.83	12.50
N.Y. ....	13,900	14,600	14,300	4,309	4,818	4,433	495	458	300	7.85	7.85	15.10
Ohio .....	550	590	540	231	221	165	16	16	14	6.40	5.31	11.90
Oreg. (east) ..	7,100	7,200	6,300	3,373	3,672	3,434	877	992	567	10.30	5.00	14.50
Oreg. (west) ..	2,200	2,300	2,400	814	1,104	1,104	180	209	150	9.43	3.60	13.80
Utah .....	2,000	2,000	1,900	720	830	656	137	133	98	9.00	4.16	13.20
Wash .....	3,100	3,900	3,300	1,178	1,560	1,320	253	574	270	9.17	4.75	11.70
Wis .....	1,500	1,500	1,200	443	435	348	45	50	51	4.63	4.01	12.30
Storage total .....	52,220	52,770	50,600	19,177	20,281	18,374	3,631	4,216	2,854	8.35	5.65	14.00
Calif. <sup>3</sup> .....	27,500	29,700	25,000	8,250	9,504	6,000	327	360	210	5.70	6.09	7.62
Total summer .....	92,520	94,810	88,160	30,501	32,658	27,601	3,958	4,576	3,064	7.68	6.46	12.00
U.S. ....	121,920	123,910	112,960	36,174	38,602	33,476	3,958	4,576	3,064	7.81	6.98	11.40

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Summer crop—primarily for processing.

Statistical Reporting Service.

**Table 251.—Onions: Foreign trade, United States, 1966–79**

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
1966 .....	567	1,675	1971 .....	590	1,269	1976 .....	1,403	3,169
1967 .....	921	1,318	1972 .....	1,458	1,340	1977 .....	1,345	1,941
1968 .....	514	1,193	1973 .....	1,079	1,773	1978 .....	1,582	2,164
1969 .....	837	1,514	1974 .....	909	1,553	1979 .....	1,304	1,851
1970 .....	500	1,398	1975 .....	696	3,169			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 252.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, United States, 1966–81<sup>1</sup>**

Year	Stocks in storage Jan. 1			Area for harvest	Yield per acre	Production <sup>3</sup>	Shrinkage and loss	Value <sup>4</sup>	
	In common storage <sup>2</sup>	In cold storage	Total					Per cwt.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.					Dollars	1,000 dollars
1966	5,544	250	5,794	93,780	264	24,723	2,247	4.89	107,201
1967	4,079	206	4,285	102,680	278	28,579	2,210	3.95	104,113
1968	4,609	202	4,811	105,920	272	28,769	3,137	3.60	92,390
1969	5,301	214	5,515	100,000	282	28,234	2,239	4.13	107,450
1970	4,351	185	4,536	101,000	302	30,493	3,558	3.67	98,752
1971	5,470	180	5,650	98,800	302	29,803	2,627	3.88	105,330
1972	4,810	170	4,980	94,470	300	28,355	2,457	6.48	167,715
1973	3,961	77	4,038	104,990	283	29,689	2,327	7.57	207,226
1974	4,754	81	4,835	109,730	302	33,151	2,934	4.87	147,182
1975	5,109	80	5,189	103,080	305	31,418	2,944	9.35	266,230
1976	4,424	89	4,513	109,520	322	35,288	3,935	6.93	217,202
1977	5,156	98	5,254	108,550	319	34,583	4,365	6.76	204,313
1978	5,680	63	5,743	121,920	297	36,174	3,958	7.81	251,495
1979	6,556	66	6,622	123,910	312	38,602	4,576	6.98	237,432
1980 <sup>5</sup>	7,748	99	7,847	112,960	296	33,476	3,064	11.40	346,539
1981 <sup>5</sup>	6,235	78	6,313	.....	.....	.....	.....	.....	.....

<sup>1</sup>Mostly for fresh market use, but includes some quantities used for processing.

<sup>2</sup>Grower and local dealer stocks.

<sup>3</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 257 in 1967, 39 in 1970, and 30 in 1976. Includes storage crop onions harvested but not sold because of shrinkage and waste.

<sup>4</sup>Price and value on f.o.b. basis.

<sup>5</sup>Preliminary.

Statistical Reporting Service.

**Table 253.—Peas, green, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1966–80**

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production	Value <sup>1</sup>		Area harvested	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt. <sup>3</sup>	1,000 cwt. <sup>3</sup>	Dollars	1,000 dollars	Acres	Tons <sup>4</sup>	Tons	Dollars	1,000 dollars
1966	2,000	35	70	13.30	932	434,080	1.18	510,100	105.00	53,329
1967	1,800	38	68	12.60	854	458,220	1.29	590,750	109.00	64,296
1968	2,000	30	59	15.00	884	452,090	1.29	582,600	107.00	62,370
1969	.....	.....	.....	.....	.....	404,150	1.30	524,400	106.00	55,699
1970	.....	.....	.....	.....	.....	387,360	1.26	489,550	109.00	53,311
1971	.....	.....	.....	.....	.....	386,210	1.37	527,650	107.00	56,676
1972	.....	.....	.....	.....	.....	380,670	1.36	516,050	112.00	57,968
1973	.....	.....	.....	.....	.....	423,790	1.20	507,650	119.00	60,530
1974	.....	.....	.....	.....	.....	421,700	1.36	573,150	196.00	112,166
1975	.....	.....	.....	.....	.....	437,650	1.30	570,750	218.00	124,604
1976	.....	.....	.....	.....	.....	393,020	1.31	513,200	199.00	101,982
1977	.....	.....	.....	.....	.....	350,480	1.40	488,950	206.00	100,533
1978	.....	.....	.....	.....	.....	355,460	1.30	461,100	206.00	94,853
1979	.....	.....	.....	.....	.....	392,320	1.56	613,350	210.00	129,090
1980 <sup>5</sup>	.....	.....	.....	.....	.....	321,660	1.49	480,770	210.00	100,723

<sup>1</sup>Price and value on f.o.b. basis.

<sup>2</sup>Price and value at processing plant door.

<sup>3</sup>In the shell.

<sup>4</sup>Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.

<sup>5</sup>Preliminary.

Statistical Reporting Service.

**Table 254.—Peas, green (for processing), commercial crop: Area, production, and value per ton, by States, 1978–80**

State	Area			Production <sup>2</sup>			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
Calif . . . . .	9,200	10,300	5,900	10,050	20,190	9,790	208.00	249.00	230.00
Colo . . . . .	310	380	.....	450	500	.....	270.00	270.00	.....
Del . . . . .	8,500	10,000	5,800	10,650	13,200	8,870	224.00	199.00	248.00
Md . . . . .	6,000	7,600	4,000	8,850	12,920	6,200	225.00	187.00	261.00
Minn . . . . .	67,900	73,000	66,300	82,850	111,690	78,230	218.00	220.00	244.00
N.Y . . . . .	5,700	6,200	6,000	8,100	10,420	10,080	250.00	249.00	278.00
Oreg . . . . .	36,900	42,000	32,600	45,400	44,940	54,120	150.00	169.00	173.00
Wash . . . . .	75,000	81,100	57,800	118,500	139,490	91,900	204.00	222.00	193.00
Wis . . . . .	97,000	109,600	101,100	108,650	177,550	153,670	202.00	195.00	197.00
Other States <sup>3</sup> . . . . .	48,950	52,140	42,160	67,600	82,450	67,910	226.00	225.00	227.00
U.S . . . . .	355,460	392,320	321,660	461,100	613,350	480,770	206.00	210.00	210.00

<sup>1</sup> Preliminary.<sup>2</sup> Shelled basis; 2 1/2 pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>3</sup> 1978—Idaho, Illinois, Iowa, Maine, Michigan, Pennsylvania, Utah, and Virginia; 1979—Idaho, Illinois, Iowa, Maine, Michigan, Pennsylvania, Utah and Virginia; 1980—Idaho, Illinois, Iowa, Maine, Michigan, Pennsylvania, and Utah.

Statistical Reporting Service.

**Table 255.—Peppers, green, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966–80<sup>1</sup>**

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	48,470	83	4,024	10.20	41,227	1974 . . . . .	48,840	108	5,251	14.50	76,290
1967 . . . . .	46,990	92	4,328	10.60	45,892	1975 . . . . .	50,480	101	5,106	16.60	84,892
1968 . . . . .	51,620	95	4,916	10.50	51,538	1976 . . . . .	53,950	98	5,269	16.80	88,284
1969 . . . . .	51,600	85	4,361	12.10	52,721	1977 . . . . .	56,300	95	5,370	16.40	88,047
1970 . . . . .	47,660	81	3,872	11.70	45,278	1978 . . . . .	55,200	94	5,201	19.40	100,899
1971 . . . . .	48,900	83	4,072	12.30	50,215	1979 . . . . .	61,300	95	5,819	19.90	115,696
1972 . . . . .	47,750	97	4,651	12.70	59,025	1980 <sup>4</sup> . . . . .	55,500	99	5,494	22.50	123,732
1973 . . . . .	47,930	99	4,738	13.90	65,739						

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 62 in 1966.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 257

<sup>1</sup> Excludes 78,000 cwt. not marketed in 1967 and 1,369,000 cwt. in 1971. In 1966 includes 310,000 cwt. unharvested and/or not marketed which were excluded in computing price and value.<sup>2</sup> Obtained by weighting State prices by quantity sold.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 256.—Peppers, green, commercial crop: Area, production, and value per hundredweight, by States, 1978–80<sup>1</sup>**

Season and State	Acres			Production			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
Winter:									
Fla . . . . .	Acres 5,500	Acres 5,200	Acres 5,200	1,000 cwt. 633	1,000 cwt. 702	1,000 cwt. 572	Dollars per cwt. 20.70	Dollars per cwt. 24.10	Dollars per cwt. 25.60
Total . . . . .	5,500	5,200	5,200	633	702	572	20.70	24.10	25.60
Spring:									
Calif . . . . .	400	400	600	62	64	105	35.90	25.50	28.30
Fla . . . . .	8,100	8,600	8,500	810	860	893	23.80	26.80	27.80
La . . . . .	1,100	1,100	900	55	61	45	25.70	17.40	24.00
Tex . . . . .	2,300	2,700	2,600	196	240	182	39.00	21.60	33.60
Total . . . . .	11,900	12,800	12,600	1,123	1,225	1,225	27.20	25.20	28.60
Summer:									
Calif . . . . .	4,100	6,100	5,000	718	1,037	950	14.40	11.80	14.00
Ky <sup>3</sup> . . . . .	2,200	3,400	2,900	152	248	223	8.36	7.56	( <sup>3</sup> )
Mich . . . . .	1,900	1,900	1,700	148	146	126	18.60	24.20	25.50
N.J . . . . .	5,100	6,900	5,700	357	380	399	16.00	17.60	16.30
N.C . . . . .	6,700	7,000	6,700	255	259	275	20.30	15.10	13.40
Ohio . . . . .	900	800	700	117	68	49	21.90	21.50	22.40
Tex . . . . .	1,300	1,800	1,500	105	90	120	23.30	21.10	24.90
Total . . . . .	22,200	27,900	24,200	1,852	2,228	2,142	16.30	14.20	14.40
Fall:									
Calif . . . . .	4,900	4,800	3,500	735	816	630	13.40	14.40	18.80
Fla . . . . .	4,300	3,600	4,200	452	324	441	20.90	35.70	30.70
N.J . . . . .	900	1,200	1,000	59	60	76	14.70	14.40	16.70
Tex . . . . .	5,500	5,800	4,800	347	464	408	19.60	26.20	40.90
Total . . . . .	15,600	15,400	13,500	1,593	1,664	1,555	16.90	21.80	27.90
U.S . . . . .	55,200	61,300	55,500	5,201	5,819	5,494	19.40	19.90	22.50

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Value not reported to avoid disclosure of individual operations.

Statistical Reporting Service.

**Table 257.—Potatoes: Area, yield, production, and value, United States, 1966–80**

Year	Area planted	Area harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per cwt. received by farmers <sup>2</sup>	Value of production
	1,000 acres	1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1966 . . . . .	1,497.6	1,462.6	210	307,242	2.04	622,581
1967 . . . . .	1,499.1	1,459.9	209	305,766	1.87	567,557
1968 . . . . .	1,414.5	1,383.3	214	295,401	2.23	657,202
1969 . . . . .	1,457.6	1,415.5	221	312,578	2.24	697,845
1970 . . . . .	1,449.5	1,421.0	229	325,716	2.21	715,123
1971 . . . . .	1,432.1	1,391.0	230	319,329	1.90	602,907
1972 . . . . .	1,301.1	1,255.6	236	296,359	3.02	895,903
1973 . . . . .	1,329.8	1,306.6	230	300,013	4.90	1,471,942
1974 . . . . .	1,421.6	1,391.6	246	342,395	4.01	1,354,928
1975 . . . . .	1,298.5	1,259.5	256	321,978	4.48	1,442,741
1976 . . . . .	1,404.2	1,371.4	261	357,666	3.59	1,282,521
1977 . . . . .	1,398.9	1,360.2	261	355,334	3.55	1,255,047
1978 . . . . .	1,401.0	1,374.5	267	366,314	3.38	1,224,478
1979 . . . . .	1,310.4	1,270.3	270	342,497	3.43	1,172,123
1980 <sup>3</sup> . . . . .	1,182.5	1,155.3	261	301,006	5.73	1,720,381

See footnotes on page 179.

Table 258.—Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1978–1980

Season and State	Area harvested			Production			Price for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Winter:									
Calif	3.0	3.3	3.0	690	792	705	8.00	9.80	7.20
Fla	9.9	8.6	8.5	1,931	1,591	1,658	7.75	7.15	10.30
Total	12.9	11.9	11.5	2,621	2,383	2,363	7.81	8.00	9.40
Spring:									
Ala	9.5	7.3	6.0	950	1,022	630	12.00	5.50	6.50
Ariz	6.0	6.2	4.4	1,590	1,302	1,276	8.15	4.40	5.50
Calif	29.0	28.0	22.5	8,265	11,060	8,775	7.45	4.50	7.30
Fla:									
Hastings	20.6	18.5	18.0	3,502	4,255	3,510	5.24	4.15	5.05
Other	1.8	.9	.8	225	162	136	8.25	8.65	10.40
La	1.9	2.0	1.7	171	150	119	5.70	6.00	8.40
Miss. <sup>2</sup>	1.2			108			7.00		
N.C	13.0	13.7	13.0	1,885	2,261	1,820	5.65	4.35	5.55
Tex	7.5	7.1	6.2	1,200	1,136	806	6.65	5.30	6.45
Total	90.5	83.7	72.6	17,896	21,348	17,072	7.07	4.54	6.48
Summer:									
Ala	8.0	9.0	9.5	1,200	1,530	475	11.80	3.90	9.40
Calif	7.9	7.7	7.6	2,844	2,695	2,774	7.05	4.75	11.00
Colo	6.8	6.9	5.8	1,734	1,898	1,595	3.50	2.95	4.85
Del	5.6	5.4	5.1	1,176	1,188	969	4.81	6.70	8.80
Ill	1.9	2.0	1.8	361	470	414	3.30	2.80	6.20
Ind	2.0	1.8	1.5	340	288	240	4.50	4.00	11.00
Iowa	1.5	1.1	1.4	300	231	322	4.00	3.80	5.40
Md	1.8	1.7	1.8	315	281	306	4.83	6.40	8.90
Mich	8.3	8.6	8.3	1,453	1,548	1,619	4.80	4.40	6.75
Minn	7.0	6.3	5.4	1,960	1,796	1,566	4.62	3.55	9.80
Nebr	1.8	1.5	1.3	288	270	260	4.15	4.45	9.50
N.J	8.2	8.5	8.2	2,091	2,125	1,968	3.85	4.00	8.30
N. Mex	3.8	4.4	3.0	779	1,210	540	5.00	3.25	6.85
N.C	4.0	3.9	3.7	500	468	407	9.02	5.20	7.80
Ohio	1.6	1.4	1.3	304	294	286	5.15	4.85	6.85
Tenn	3.2	3.3	2.8	336	347	196	7.25	7.95	7.60
Tex	11.0	10.9	7.5	2,310	2,616	1,500	8.56	5.20	15.10
Va	21.2	19.2	14.0	2,650	2,592	1,540	5.90	3.85	8.60
Total	105.6	103.6	90.0	20,941	21,847	16,977	5.95	4.33	9.06
Fall:									
Calif	17.3	17.2	17.4	6,055	6,364	6,438	5.20	5.45	9.00
Colo	41.0	39.5	36.5	11,275	11,455	10,950	2.15	2.90	5.10
Conn	2.5	2.1	1.8	513	462	405	6.30	5.60	8.90
Idaho:									
10 S.W. counties	32.0	30.0	23.0	10,400	10,050	7,820	3.25	3.95	4.40
Other counties	333.0	300.0	277.0	89,910	75,000	70,635			
Ind	3.9	4.2	3.3	936	1,071	726	3.90	4.30	8.00
Maine	118.0	113.0	104.0	25,960	27,685	24,960	3.86	3.25	5.60
Mass	3.6	3.4	3.4	810	748	748	6.30	5.60	8.90
Mich	34.0	32.0	31.5	8,500	8,000	7,403	4.53	4.45	7.00
Minn	71.0	68.0	64.0	14,910	12,920	9,920	2.71	3.05	6.00
Mont	8.7	7.5	6.9	2,088	1,800	1,725	4.00	3.65	8.00
Nebr	7.2	5.7	6.7	1,800	1,482	1,876	3.90	4.25	6.50
Nev	17.0	15.0	13.0	5,440	4,950	4,420	2.40	2.75	3.80
N.Y.:									
Long Island	23.3	21.8	18.8	6,175	6,431	4,418	3.99	3.65	9.50
Upstate	25.0	23.5	25.0	6,500	6,463	6,250	4.99	4.65	7.75
N. Dak	135.0	114.0	112.0	23,625	18,240	15,680	2.60	3.25	5.60
Ohio	10.3	10.0	9.5	2,215	2,400	1,948	4.45	4.35	6.40
Oreg:									
Malheur County	10.8	13.0	10.0	3,780	4,810	3,650	2.82	2.95	3.60
Other counties	56.8	50.0	37.0	24,700	20,500	16,095	2.75	2.80	4.60
Pa	25.0	24.0	22.0	6,250	6,000	4,180	4.85	5.00	8.50
R.I	3.6	3.3	3.2	918	759	736	4.50	4.05	8.50
S. Dak	7.0	6.5	6.7	1,190	1,203	1,072	3.03	3.05	4.20
Utah	5.9	5.5	5.2	1,446	1,375	1,144	4.10	4.30	5.15
Vt	.8	.7	.6	160	147	120	6.80	6.10	9.60
Wash	111.0	112.0	87.0	50,505	48,450	43,935	2.45	2.55	4.20
Wis	55.0	54.5	50.0	17,325	17,010	16,000	4.13	4.30	8.70
Wyo	6.8	5.2	5.7	1,462	1,144	1,340	3.25	4.30	8.60
Total	1,165.5	1,071.1	981.2	324,856	296,919	264,594	2.93	3.24	5.41
U.S	1,374.5	1,270.3	1,155.3	366,314	342,497	301,006	3.38	3.43	5.73

See footnotes on page 184.

**Table 259.—Fall potatoes: Production and total stocks held by growers and local dealers, 15<sup>1</sup> States, 1970–80**

Crop year	Production	Total stocks <sup>1</sup>					
		Dec. 1	Following year				
			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>
1970	259,977	171,600	147,550	120,650	95,850		
1971 <sup>2</sup>	258,613	172,550	148,600	122,350	97,150		
1972	242,390	155,190	132,050	105,690	82,510		57,860
1973	247,686	154,890	131,600	105,360	80,460		55,465
1974	278,679	183,850	160,100	131,480	102,963		75,217
1975	266,422	181,720	156,220	129,710	102,850		70,970
1976	294,978	198,630	172,230	142,030	112,830		81,130
1977	295,421	202,550	175,300	147,930	119,850		88,680
1978	311,981	219,850	193,520	162,980	132,570		99,250
1979	285,060	200,820	176,020	147,910	121,720		92,550
1980 <sup>3</sup>	255,691	171,730	146,610	121,665	97,280		72,460

<sup>1</sup>Stocks estimated for the 15 major states (see table 260) starting with the 1980 crop. This table shows stocks and comparable production for the 15 states over the past 11 years. Prior to this year, this table showed data for the 23 major states over a 15 year period.

<sup>2</sup>Beginning 1971, late summer production for New York (Long Island), Wisconsin, and Washington has been classified as "fall."

<sup>3</sup>Preliminary.

Statistical Reporting Service.

**Table 260.—Fall potatoes: Total stocks held by growers and local dealers, 15<sup>1</sup> States, crop of 1979 and 1980**

State	Crop of 1979						Crop of 1980 <sup>2</sup>					
	Dec. 1, 1979	Jan. 1, 1980	Feb. 1, 1980	Mar. 1, 1980	Apr. 1, 1980	May 1, 1980	Dec. 1, 1980	Jan. 1, 1981	Feb. 1, 1981	Mar. 1, 1981	Apr. 1, 1981	May 1, 1981
	<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>
Calif	4,200	3,700	2,900	2,300	1,700	1,100	4,200	3,400	2,600	2,000	1,300	800
Colo	8,200	7,100	5,700	4,400	3,200	2,000	7,850	6,700	5,300	4,250	3,100	2,050
Idaho	65,000	58,500	51,500	44,500	37,000	26,000	59,000	53,000	46,500	40,000	33,000	21,500
Maine	23,300	21,200	18,500	15,800	12,000	7,700	18,900	16,300	13,900	11,300	8,200	4,800
Mich	5,400	4,400	3,400	2,400	1,500	700	4,500	3,300	2,200	1,400	800	400
Minn	10,500	9,500	8,100	6,800	4,600	2,600	8,400	7,000	5,600	4,000	2,300	1,400
Mont	1,720	1,690	1,660	1,620	1,380	450	1,630	1,610	1,580	1,300	720	50
Nebr	1,100	930	800	650	450	160	1,400	1,250	1,100	900	480	200
N.Y.:												
Long Island	3,300	2,400	1,500	1,000	450	85	1,850	1,400	900	500	<sup>3</sup> 220	<sup>3</sup> 91
Upstate	3,200	2,500	1,400	800	400	120	3,100	2,150	1,300	800	290	155
N.Dak	12,500	10,700	8,800	6,900	4,500	2,000	10,700	8,900	6,500	4,600	2,400	850
Ohio	1,250	800	600	400	220	80	500	300	185	80	( <sup>3</sup> )	( <sup>3</sup> )
Oreg	16,900	14,600	12,400	9,800	7,200	4,700	13,300	11,300	9,600	7,500	5,800	3,600
Pa	4,200	3,300	2,350	1,750	1,250	600	3,300	2,600	1,900	1,250	900	200
Wash	30,600	27,300	23,000	18,900	14,200	10,100	24,500	22,000	18,600	14,600	11,000	7,300
Wis	9,450	7,400	5,300	3,700	2,500	1,140	8,600	5,400	3,800	2,800	1,950	1,050
Other States												
15 State total	200,820	176,020	147,910	121,720	92,550	59,535	171,730	146,610	121,565	97,280	72,460	44,446

<sup>1</sup>Stocks estimated for the 15 major States starting with the 1980 crop.

<sup>2</sup>Preliminary.

<sup>3</sup>Ohio combined with Long Island to prevent possible disclosure of individual operations.

Statistical Reporting Service.

Table 261.—Potatoes: Area, yield, and production in specified countries, 1978-80<sup>1</sup>

Continent and country	Area			Yield per hectare			Production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</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
North America:									
Canada	111	113	106	22.5	24.4	22.3	2,496	2,760	2,367
Mexico	58	85	68	14.4	11.8	12.9	837	1,000	877
United States	555	519	468	29.9	30.4	29.2	16,568	15,800	13,653
Total	724	717	642	27.5	27.3	26.3	19,901	19,560	16,897
Europe:									
Belgium-Luxembourg	45	45	46	35.1	32.5	30.0	1,579	1,464	1,357
Denmark	34	32	34	27.4	26.4	23.5	932	844	800
France <sup>3</sup>	277	276	270	27.0	25.9	26.7	7,467	7,139	7,213
Germany, Fed. Rep. of	355	276	258	29.6	31.6	26.4	10,510	8,716	6,800
Ireland	41	41	40	24.6	26.9	28.0	1,008	1,102	1,100
Italy	172	169	160	16.3	17.5	18.0	2,801	2,957	2,800
Netherlands	162	166	172	38.5	37.8	35.3	6,231	6,277	6,076
Switzerland	9	7	7	34.0	40.3	38.6	306	282	270
Total EC	1,095	1,012	987	28.2	28.4	26.8	30,834	28,781	26,416
Austria	57	58	53	24.6	25.8	25.8	1,401	1,494	1,365
Cyprus	7	8	8	23.7	25.2	25.1	166	202	201
Finland	44	43	41	17.0	15.7	18.3	746	674	750
Greece	56	56	55	16.1	17.1	17.8	902	959	978
Norway	25	22	21	25.0	20.3	22.9	625	446	480
Portugal	108	103	110	10.0	9.8	10.1	1,078	1,012	1,113
Spain	363	367	361	14.6	14.7	16.8	5,316	5,400	6,074
Sweden	45	42	42	29.8	30.6	27.5	1,339	1,284	1,153
Switzerland	23	23	23	43.0	41.9	42.6	989	964	980
Total Western Europe	728	722	714	17.3	17.2	18.3	12,562	12,435	13,094
Bulgaria	37	37	35	10.6	10.8	9.0	391	400	315
Czechoslovakia	221	215	200	17.5	18.6	15.5	3,863	4,000	3,100
German Dem. Rep.	578	527	482	17.5	23.8	19.1	10,100	12,540	4,200
Hungary	94	99	67	16.8	15.2	14.9	1,584	1,500	1,000
Poland	2,360	2,441	2,342	19.8	20.3	11.1	46,648	49,600	26,000
Romania	251	257	290	17.8	16.1	13.8	4,465	4,134	4,000
Yugoslavia	298	296	300	8.4	9.2	41.3	2,501	2,724	2,387
Total Eastern Europe	3,839	3,872	3,716	18.1	19.3	12.4	69,552	74,898	46,002
Total Europe	5,662	5,606	5,417	19.9	20.7	15.8	112,948	116,114	85,512
Soviet Union	7,042	6,966	6,930	10.8	13.1	10.8	86,100	91,000	75,000
South America:									
Argentina	119	113	120	13.4	15.0	14.0	1,593	1,694	1,682
Brazil	210	204	180	9.6	10.5	10.7	2,015	2,149	1,920
Chile	91	81	89	10.8	9.5	10.1	980	770	903
Colombia	142	151	160	14.1	13.7	12.5	2,000	2,066	2,000
Peru	255	255	180	6.5	6.7	6.7	1,650	1,700	1,200
Venezuela	17	17	18	11.8	12.2	13.3	201	207	240
Total	834	821	747	10.1	10.5	10.6	8,439	8,586	7,945
North Africa:									
Egypt	54	60	65	14.3	17.0	17.4	772	1,019	1,131
Morocco	24	27	25	14.2	14.4	14.2	340	390	355
Total	78	87	90	14.3	16.2	16.5	1,112	1,409	1,486
Asia:									
India	790	790	800	12.8	11.4	13.1	10,125	9,000	10,500
Israel	6	3	6	35.2	38.3	30.0	211	115	180
Japan	128	125	124	25.9	27.0	27.1	3,316	3,381	3,364
Total	924	918	930	14.8	13.6	15.1	13,652	12,496	14,044
Oceania:									
Australia	36	35	37	21.4	22.7	22.0	772	795	813
Grand total	15,300	15,150	14,793	15.9	16.5	13.6	242,924	249,960	201,697

See footnotes on page 184.

**Table 262.—Potatoes: Production, seed used, and disposition, United States, 1969–79**

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>
1969	312,578	24,492	9,959	22,657	279,962
1970	325,716	24,555	9,957	23,850	291,909
1971	319,329	22,290	8,927	27,909	282,493
1972	296,359	23,556	7,913	19,996	268,450
1973	300,013	25,257	6,516	18,376	275,121
1974	342,395	23,795	6,472	32,496	303,427
1975	321,978	25,615	6,560	22,177	293,241
1976	357,666	25,566	6,760	26,246	324,660
1977	355,334	25,989	6,718	31,119	317,497
1978	366,314	24,624	6,302	34,439	325,573
1979 <sup>1</sup>	342,497	22,436	5,923	30,207	306,367

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 263.—Potatoes: Utilization, United States, crop years 1973–79**

Item	1973	1974	1975	1976	1977	1978	1979 <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>
<b>SALES</b>							
Table stock	107,550	125,726	114,160	123,091	117,171	112,096	114,957
For processing:							
Chips and shoestring	34,485	32,777	34,107	34,583	36,947	37,839	38,276
Dehydration	31,407	34,660	33,821	40,354	32,783	33,243	30,784
Frozen french fries	60,349	69,206	70,641	79,654	79,949	79,539	74,320
Other frozen products	9,564	9,218	9,334	12,872	14,597	15,406	14,420
Canned potatoes	2,664	2,561	1,946	1,914	2,797	2,660	2,479
Other canned products (hash, stews, soups)	2,544	2,052	2,075	2,557	2,474	2,127	2,251
Starch and flour	2,731	3,683	2,182	2,813	2,355	3,460	3,574
Total	143,744	154,157	154,106	174,747	171,902	174,274	166,104
Other sales:							
Livestock feed	3,707	4,154	4,301	6,325	7,396	7,173	6,636
Seed	20,120	19,390	20,674	20,497	21,028	19,990	18,179
Total diverted <sup>2</sup>	.....	.....	.....	.....	.....	12,040	491
Total	23,827	23,544	24,975	26,822	28,424	39,203	25,306
Total sales	275,121	303,427	293,241	324,660	317,497	325,573	306,367
<b>NON-SALES</b>							
Seed used on farms where grown	5,137	4,405	4,941	5,069	4,961	4,634	4,257
Household use and used for feed	1,379	2,067	1,619	1,691	1,757	1,668	1,666
Shrinkage and loss	18,376	32,496	22,177	26,246	31,119	34,439	30,207
Total non-sales	24,892	38,968	28,737	33,006	37,837	40,741	36,130
Total production	300,013	342,395	321,978	357,666	355,334	366,314	342,497

<sup>1</sup> Preliminary<sup>2</sup> Quantity of potatoes sold for livestock feed and starch under the USDA Diversion Program. For the 1979 crop, the USDA diversion includes Maine only.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 258

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued after 1978 crop.<sup>3</sup> Season average price for all areas.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 261

<sup>1</sup> Years shown refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere.<sup>2</sup> Preliminary.<sup>3</sup> Excluding home gardens.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.



Table 264.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1979

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.
Winter:					
Calif . . . . .	792	51	.....	40	752
Fla . . . . .	1,591	249	.....	10	1,581
Total . . . . .	2,383	300	.....	50	2,333
Spring:					
Ala . . . . .	1,022	80	1	15	1,006
Ariz . . . . .	1,302	66	4	26	1,272
Calif . . . . .	11,060	473	20	221	10,819
Fla.: Hastings . . . . .	4,255	400	1	13	4,241
Other . . . . .	162	20		1	161
La . . . . .	150	17	5	8	137
N.C . . . . .	2,261	178	61	68	2,132
Tex . . . . .	1,136	80	28	17	1,091
Total . . . . .	21,348	1,317	120	369	20,859
Summer:					
Ala . . . . .	1,530	128	16	61	1,453
Calif . . . . .	2,695	141	14	81	2,600
Colo . . . . .	1,898	132	10	142	1,746
Del . . . . .	1,188	80	3	48	1,137
Ill . . . . .	470	30	11	12	447
Ind . . . . .	288	22	5	9	274
Iowa . . . . .	231	22	12	12	207
Md . . . . .	281	25	6	6	269
Mich . . . . .	1,548	179	60	38	1,450
Minn . . . . .	1,796	77	4	136	1,656
Nebr . . . . .	270	20	20	24	226
N.J . . . . .	2,125	153	9	74	2,042
N. Mex . . . . .	1,210	56	7	73	1,130
N.C . . . . .	468	43	83	16	369
Ohio . . . . .	294	25	5	15	274
Tenn . . . . .	347	31	31	12	304
Tex . . . . .	2,616	104	3	92	2,521
Va . . . . .	2,592	175	16	194	2,382
Total . . . . .	21,847	1,443	315	1,045	20,487
Fall: <sup>1</sup>					
Calif . . . . .	6,364	365	64	700	5,600
Colo . . . . .	11,455	814	580	916	9,959
Conn . . . . .	462	36	5	93	364
Idaho . . . . .	85,050	6,100	1,543	7,450	76,057
Ind . . . . .	1,071	76	2	96	973
Maine . . . . .	27,685	2,322	1,052	3,184	23,449
Mass . . . . .	748	65	13	90	645
Mich . . . . .	8,000	618	215	752	7,033
Minn . . . . .	12,920	995	233	1,408	11,279
Mont . . . . .	1,800	133	115	145	1,540
Nebr . . . . .	1,482	124	99	193	1,190
Nev . . . . .	4,950	260	.....	594	4,356
N.Y.: Long Island . . . . .	6,431	380	13	450	5,968
Upstate . . . . .	6,463	650	207	530	5,726
N. Dak . . . . .	18,240	1,710	320	2,500	15,420
Ohio . . . . .	2,400	175	7	228	2,165
Oreg.: Malheur County . . . . .	4,810	200	10	385	4,415
Other counties . . . . .	20,500	750	68	2,287	18,145
Pa . . . . .	6,000	437	162	570	5,268
R.I . . . . .	759	70	4	61	694
S.Dak . . . . .	1,203	88	21	82	1,100
Utah . . . . .	1,375	117	37	95	1,243
Vt . . . . .	147	11	4	14	129
Wash . . . . .	48,450	1,871	450	4,500	43,500
Wis . . . . .	17,010	893	204	1,157	15,649
Wyo . . . . .	1,144	116	60	263	821
Total . . . . .	296,919	19,376	5,488	28,743	262,588
U.S . . . . .	342,497	22,436	5,923	30,207	306,367

<sup>1</sup> Preliminary.

**Table 265. — Potatoes, white: United States exports by country of destination and imports by country of origin, 1977-79**

Item and country	Year beginning October			Item and country	Year beginning October		
	1977	1978	1979		1977	1978	1979
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS—continued</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Other countries:			
Germany, Fed. Rep. of . . . . .	97	17	37	Algeria . . . . .	17,267		
Netherlands . . . . .	156	1,017	253	Canada . . . . .	122,748	108,946	77,823
Sweden . . . . .	7		17	China . . . . .	184		
United Kingdom . . . . .			8	French Pacific Islands . . . . .	42	39	
Other countries . . . . .				Guinea . . . . .	24	14	51
<b>Total</b> . . . . .	<b>260</b>	<b>1,034</b>	<b>315</b>	Hong Kong . . . . .	156	223	152
Latin America:				Japan . . . . .	22	2	
Argentina . . . . .		5,797		Other Pacific Islands . . . . .		18	27
Chile . . . . .		4,105		Saudi Arabia . . . . .	52	51	191
Costa Rica . . . . .		77	203	Singapore . . . . .	29	18	28
Mexico . . . . .	11,590	4,379	3,814	Other countries . . . . .	197	326	382
Nicaragua . . . . .		17		<b>Total</b> . . . . .	<b>140,721</b>	<b>109,637</b>	<b>78,654</b>
Panama . . . . .	88	98	281	<b>Grand total</b> . . . . .	<b>156,565</b>	<b>129,547</b>	<b>90,110</b>
Other countries . . . . .	29	79	63	<b>IMPORTS</b>			
<b>Total</b> . . . . .	<b>11,707</b>	<b>14,552</b>	<b>4,361</b>	Certified seed:			
Bermuda and Caribbean:				Canada . . . . .	30,238	27,751	27,108
Bahamas . . . . .	2,091	1,799	1,527	Other potatoes:			
Barbados . . . . .	110	253	132	Canada . . . . .	41,038	34,233	57,863
Bermuda . . . . .	392	516	241				
Cayman Islands . . . . .	183	142	75				
Dominican Republic . . . . .		37	3,198				
French West Indies . . . . .	88	391	111				
Jamaica . . . . .	83		73				
Leeward and Windward Islands . . . . .	326	465	521				
Netherlands Antilles . . . . .	556	634	879				
Trinidad and Tobago . . . . .	48	87	19				
Other countries . . . . .			4				
<b>Total</b> . . . . .	<b>3,877</b>	<b>4,324</b>	<b>6,780</b>				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 266. — Potatoes: Foreign trade, United States, 1966-79**

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
1966 . . . . .	2,743	2,247	1971 . . . . .	1,098	3,241	1976 . . . . .	806	11,617
1967 . . . . .	1,283	3,592	1972 . . . . .	759	4,430	1977 . . . . .	955	3,630
1968 . . . . .	2,636	2,569	1973 . . . . .	1,874	4,975	1978 . . . . .	703	3,025
1969 . . . . .	1,846	2,971	1974 . . . . .	1,453	4,545	1979 . . . . .	1,143	2,336
1970 . . . . .	1,230	2,928	1975 . . . . .	691	9,317			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 267.—Spinach, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978–1980

Utilization, season, and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
FOR FRESH MARKET <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>
Calif . . . . .	800	900	900	116	149	140	21.00	19.90	21.90
Tex . . . . .	2,700	3,400	4,600	189	160	276	16.80	30.40	28.00
Total . . . . .	3,500	4,300	5,500	305	309	416	18.40	25.30	25.90
Spring:									
Calif . . . . .	800	900	1,000	120	144	140	24.10	17.40	19.10
Md. and Va. <sup>3</sup> . . . . .	540	700	700	39	49	54	41.10	30.20	24.10
N.J. . . . .	3,280	3,370	3,500	102	119	121	23.90	21.10	22.60
Total . . . . .	4,620	4,970	5,200	261	312	315	26.60	20.80	21.30
Summer:									
Calif . . . . .	650	700	800	101	116	124	17.70	19.50	21.10
Colo . . . . .	850	1,100	1,100	63	66	86	28.80	29.60	28.80
Total . . . . .	1,500	1,800	1,900	164	182	210	22.00	23.20	24.30
Fall:									
Calif . . . . .	800	850	850	108	128	123	15.00	18.90	24.60
N.J. . . . .	410	500	600	35	33	44	22.10	43.40	27.60
Tex . . . . .	1,400	2,700	1,800	42	100	79	23.80	30.00	33.30
Total . . . . .	2,610	4,050	3,250	185	261	246	18.30	26.20	27.90
U.S . . . . .	12,230	15,120	15,850	915	1,064	1,187	21.40	23.90	24.80
FOR PROCESSING									
Winter:	<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>
Calif . . . . .	8,000	10,400	9,400	71,050	102,030	82,910	75.40	81.10	86.80
Other States <sup>4</sup> . . . . .	4,900	3,760	4,050	23,500	16,330	28,440	85.00	95.20	94.50
Total . . . . .	12,900	14,160	13,450	94,550	118,360	111,350	77.80	83.60	88.80
Spring:									
Ark . . . . .	1,400	.....	.....	8,400	.....	.....	80.40	.....	.....
Okla . . . . .	1,700	.....	.....	9,200	.....	.....	80.30	.....	.....
Other States <sup>5</sup> . . . . .	1,590	3,930	5,720	8,500	17,370	35,030	82.70	92.80	98.60
Total . . . . .	4,690	3,930	5,720	26,100	17,370	35,030	81.10	92.80	98.60
Fall:									
Ark . . . . .	400	.....	.....	1,450	.....	.....	81.40	.....	.....
Okla . . . . .	440	.....	.....	1,750	.....	.....	80.00	.....	.....
Other States <sup>6</sup> . . . . .	1,780	2,690	2,470	12,050	18,670	18,470	82.30	95.60	97.80
Total . . . . .	2,620	2,690	2,470	15,250	18,670	18,470	82.00	95.60	97.80
U.S . . . . .	20,210	20,780	21,640	135,900	154,400	164,850	78.90	86.10	91.90
Grand total . . . . .	32,440	35,900	37,490	181,650	207,600	224,200	167.00	186.00	199.00

<sup>1</sup> Preliminary.<sup>2</sup> Includes small quantities used for processing except in States for which processing estimates are made separately.<sup>3</sup> Includes spring and fall crops for Maryland and spring only for Virginia.<sup>4</sup> 1978—Florida and Texas; 1979–80 Florida, Maryland, and Texas.<sup>5</sup> 1978—Maryland, New Jersey, New York, Tennessee, Virginia, and Wisconsin; 1979—Arkansas, Delaware, Maryland, New Jersey, New York, Oklahoma, Tennessee, Virginia, Washington, and Wisconsin; 1980—Arkansas, Delaware, Maryland, New Jersey, New York, Oklahoma, Tennessee, Virginia, and Wisconsin.<sup>6</sup> 1978—California, Maryland, Tennessee, Virginia, and Washington; 1979–80 Arkansas, California, Delaware, Maryland, Oklahoma, Tennessee, and Washington.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 270

<sup>1</sup> Average during the year.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 268.—Spinach, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1966–80**

Year	For fresh market <sup>1</sup>					For processing				
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Area harvested	Yield per acre	Production <sup>2</sup>	Value <sup>4</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>
1966 .....	16,500	52	863	9.12	7,870	24,820	5.88	145,870	41.40	6,035
1967 .....	15,900	55	882	9.81	8,651	26,990	5.80	156,590	40.50	6,337
1968 .....	13,350	59	786	10.40	8,217	25,240	6.08	153,430	41.50	6,375
1969 .....	11,360	53	606	10.90	6,563	22,990	5.90	135,750	42.50	5,773
1970 .....	11,700	52	611	11.40	6,946	25,100	6.02	151,050	42.60	6,439
1971 .....	11,430	55	633	13.60	8,611	25,440	6.29	160,050	43.30	6,930
1972 .....	10,080	59	594	14.80	8,759	26,760	6.13	164,150	44.90	7,363
1973 .....	10,680	59	628	14.50	9,072	26,940	6.33	170,450	49.90	8,507
1974 .....	9,660	63	607	15.00	9,076	25,050	6.96	174,300	56.80	9,897
1975 .....	8,990	70	629	16.40	10,305	23,340	6.82	159,250	64.60	10,285
1976 .....	8,960	76	685	17.80	12,224	22,170	7.27	161,100	65.60	10,569
1977 .....	11,020	76	836	16.80	14,060	20,610	7.46	153,700	69.00	10,600
1978 .....	12,230	75	915	21.40	19,541	20,210	6.72	135,900	78.90	10,722
1979 .....	15,120	70	1,064	23.90	25,393	20,780	7.43	154,400	86.10	13,287
1980 <sup>6</sup> .....	15,850	75	1,187	24.80	29,472	21,640	7.62	164,850	91.90	15,145

<sup>1</sup> Includes small quantities used for processing except in the States for which processing estimates are made.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 10 in 1974. <sup>3</sup> Price and value on f.o.b. basis. <sup>4</sup> Price and value at processing plant door.<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 269.—Sweetpotatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1966–80**

Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production	Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production
	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 .....	154.4	89	13,669	4.56	62,554	1974 ...	118.1	113	13,339	7.34	98,228
1967 .....	139.5	97	13,486	4.48	60,412	1975 ...	114.3	113	12,891	8.59	110,758
1968 .....	135.2	99	13,378	4.89	65,562	1976 ...	114.8	116	13,273	7.50	99,054
1969 .....	136.4	103	14,070	4.18	59,346	1977 ...	107.1	111	11,885	10.50	124,859
1970 .....	127.3	103	13,164	4.38	57,760	1978 ...	112.2	117	13,115	10.60	139,226
1971 .....	112.6	102	11,494	5.22	60,127	1979 ...	114.2	117	13,370	8.92	119,093
1972 .....	113.3	107	12,170	5.73	69,969	1980 <sup>2</sup> ...	103.1	106	10,948	12.00	131,140
1973 .....	111.6	109	12,156	7.32	89,163						

<sup>1</sup> Obtained by weighting State prices by quantity sold. <sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 270.—Taro: Area, yield, production, price, and value, Hawaii, 1966–80**

Year	Area harvested <sup>1</sup>	Yield per harvested acre	Production	Price per pound	Value of production	Year	Area harvested <sup>1</sup>	Yield per harvested acre	Production	Price per pound	Value of production
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 .....	400	22.5	8,990	0.062	561	1974 ...	460	19.2	8,835	0.102	901
1967 .....	400	20.4	8,155	.071	579	1975 ...	460	16.5	7,592	.112	850
1968 .....	420	21.8	9,140	.074	676	1976 ...	460	16.0	7,350	.121	889
1969 .....	420	20.5	8,605	.078	671	1977 ...	470	16.7	7,870	.127	999
1970 .....	470	18.2	8,555	.086	736	1978 ...	450	17.1	7,680	.134	1,029
1971 .....	480	18.4	8,840	.089	787	1979 ...	400	15.6	6,640	.164	1,089
1972 .....	460	19.6	9,020	.084	758	1980 <sup>2</sup> ...	320	20.4	6,400	.200	1,280
1973 .....	460	18.4	8,478	.094	798						

See footnotes on page 187.

**Table 271.—Sweetpotatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1978-80**

State	Area harvested			Production			Price for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<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>
Ala . . . . .	5.5	5.7	5.3	550	627	477	14.80	12.10	15.00
Ark . . . . .	.8	.7	.6	64	53	36	14.70	9.00	10.00
Calif . . . . .	8.7	9.6	9.0	1,392	1,632	1,530	14.50	14.20	17.80
Ga . . . . .	5.5	5.5	4.8	605	633	480	12.90	10.30	14.50
La . . . . .	28.0	27.0	25.0	2,660	2,565	2,125	7.72	5.00	7.30
Md . . . . .	1.4	1.4	1.3	224	217	195	8.15	8.30	11.50
Miss . . . . .	4.7	4.7	4.6	447	447	414	10.50	8.55	10.80
N.J . . . . .	2.6	2.7	2.4	286	311	276	14.00	13.50	14.00
N.C . . . . .	37.0	40.0	37.0	4,810	4,800	4,255	9.57	7.60	10.80
S.C . . . . .	2.8	3.1	2.5	336	341	238	12.00	12.20	13.70
Tenn . . . . .	1.5	2.0	2.0	150	210	160	9.65	11.10	13.90
Tex . . . . .	9.5	7.9	6.5	1,045	1,027	520	14.30	11.70	18.00
Va . . . . .	4.2	3.9	2.1	546	507	242	8.50	7.30	10.50
U.S . . . . .	112.2	114.2	103.1	13,115	13,370	10,948	10.60	8.92	12.00

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 272.—Sweetpotatoes: Production, seed used, and disposition, United States, 1969-79**

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>
1969 . . . . .	14,070	771	1,642	821	11,607
1970 . . . . .	13,164	685	1,520	701	10,943
1971 . . . . .	11,494	680	1,309	562	9,623
1972 . . . . .	12,170	707	1,223	546	10,401
1973 . . . . .	12,156	805	1,323	648	10,185
1974 . . . . .	13,339	792	1,285	696	11,358
1975 . . . . .	12,891	876	1,244	625	11,022
1976 . . . . .	13,273	769	1,244	976	11,053
1977 . . . . .	11,885	916	1,176	548	10,161
1978 . . . . .	13,115	1,017	1,286	627	11,202
1979 . . . . .	13,370	925	1,242	711	11,417

Statistical Reporting Service.

Table 273.—Sweetpotatoes: Production, seed used, and disposition, by States, crop of 1979

State	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>
Ala . . . . .	627	22	110	57	460
Ark . . . . .	53	3	14	3	36
Calif . . . . .	1,632	42	49	82	1,501
Ga . . . . .	633	19	42	38	553
La . . . . .	2,565	208	228	110	2,227
Md . . . . .	217	8	10	9	198
Miss . . . . .	447	28	46	25	376
N.J . . . . .	311	8	9	19	283
N.C . . . . .	4,800	456	552	216	4,032
S.C . . . . .	341	14	34	22	285
Tenn . . . . .	210	16	34	13	163
Tex . . . . .	1,027	80	88	98	841
Va . . . . .	507	21	26	19	462
U.S . . . . .	13,370	925	1,242	711	11,417

Statistical Reporting Service.

Table 274.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1966-80

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</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>
1966 . . . . .	150,650	135	20,326	9.39	190,840	299,830	15.55	4,662,270	35.70	166,402
1967 . . . . .	148,450	138	20,555	9.51	195,553	327,060	15.87	5,189,550	42.80	222,061
1968 . . . . .	143,110	136	19,446	11.60	224,921	370,550	18.80	6,967,600	40.20	280,429
1969 . . . . .	147,580	130	19,249	11.60	222,983	266,590	18.39	4,901,650	34.70	170,270
1970 . . . . .	147,100	124	18,234	11.20	204,609	245,090	20.64	5,058,950	34.00	171,857
1971 . . . . .	136,360	131	17,827	13.90	247,511	258,130	21.37	5,515,550	35.50	195,738
1972 . . . . .	145,170	137	19,925	14.80	295,582	265,020	21.90	5,803,700	35.20	204,366
1973 . . . . .	138,990	141	19,556	16.00	312,217	295,100	20.11	5,934,550	42.00	249,085
1974 . . . . .	124,160	162	20,081	17.30	347,415	337,700	20.79	7,019,850	64.50	463,022
1975 . . . . .	124,680	169	21,114	18.70	393,866	384,250	22.13	8,503,750	63.20	537,452
1976 . . . . .	127,590	171	21,772	19.10	416,562	308,960	20.95	6,471,750	58.00	375,407
1977 . . . . .	124,420	160	19,895	20.60	409,230	346,660	22.44	7,779,150	64.10	498,372
1978 . . . . .	130,220	172	22,408	19.70	440,379	295,560	21.54	6,367,700	64.20	408,950
1979 . . . . .	125,500	186	23,329	22.50	525,482	312,030	23.49	7,329,510	67.60	495,476
1980 <sup>4</sup> . . . . .	126,450	201	25,415	20.90	532,224	263,030	23.61	6,210,590	60.40	374,974

<sup>1</sup> For fresh market, excluding the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 406 in 1966, 1 in 1967, 100 in 1970, 19 in 1973, and 44 in 1977. For processing, excluding 200,000 tons not marketed in 1976. In 1968, includes some quantities not delivered because of economic conditions.

<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.

Statistical Reporting Service.

Table 275.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978-80

Utilization, season, and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
FOR FRESH MARKET									
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>
Fla . . . . .	12,800	12,300	14,900	2,240	2,583	3,725	18.00	23.30	17.70
Total . . . . .	12,800	12,300	14,900	2,240	2,583	3,725	18.00	23.30	17.70
Spring:									
Ala . . . . .	900	900	700	54	60	60	43.40	38.90	50.00
Ark . . . . .	2,700	2,800	2,600	216	336	234	26.00	30.30	32.80
Calif.:									
Desert . . . . .	2,000	2,000	1,300	470	340	319	27.70	27.70	35.70
Other . . . . .	1,900	2,100	1,900	380	494	380	39.90	25.90	31.70
Fla . . . . .	16,700	15,700	15,600	3,925	4,475	4,680	22.90	23.70	21.80
La . . . . .	520	420	350	47	40	28	28.70	31.30	35.70
S.C. . . . .	5,800	5,800	4,500	638	696	698	15.60	19.00	18.70
Tex . . . . .	2,700	2,900	2,400	135	148	180	19.50	19.20	33.10
Total . . . . .	33,220	32,620	29,350	5,865	6,589	6,579	23.90	24.00	23.70
Summer:									
Ala . . . . .	4,600	4,300	3,800	350	344	331	34.30	34.40	50.60
Ark . . . . .	400	300	100	50	66	7	21.00	24.50	31.70
Calif.:									
Other . . . . .	15,600	13,800	14,700	4,368	3,726	4,043	16.60	17.30	21.00
Ga . . . . .	2,300	2,300	2,100	168	186	162	20.20	22.80	25.80
Ind . . . . .	1,900	1,900	1,500	238	266	180	17.50	16.80	16.40
Md . . . . .	2,200	2,500	2,700	205	225	232	10.40	18.80	14.30
Mass . . . . .	550	510	680	116	97	143	21.80	24.60	21.70
Mich . . . . .	3,600	3,400	3,400	378	408	374	18.70	25.10	24.50
N.J. . . . .	6,600	6,600	6,500	528	528	540	19.60	27.60	17.90
N.Y. . . . .	3,000	3,000	3,200	330	390	416	20.20	25.40	28.60
N.C. . . . .	2,000	1,700	1,800	270	238	270	14.60	19.10	19.90
Ohio . . . . .	800	700	650	112	112	91	23.90	27.20	29.60
Pa . . . . .	3,900	3,900	3,800	546	507	456	20.70	20.00	13.40
S.C. . . . .	2,100	2,200	2,700	206	264	392	14.70	19.20	14.50
Tenn . . . . .	4,200	3,700	3,700	441	370	407	26.30	23.20	21.20
Tex . . . . .	3,000	2,800	2,200	270	294	220	17.70	20.40	29.80
Va . . . . .	2,500	2,600	2,300	350	325	253	14.10	17.80	21.30
Total . . . . .	59,250	56,210	55,830	8,926	8,346	8,517	18.40	20.50	21.90
Fall:									
Ala . . . . .	500	500	300	38	40	24	15.70	31.70	53.00
Calif.:									
Other . . . . .	11,300	11,400	12,600	2,317	2,451	2,961	17.50	23.10	19.10
Fla . . . . .	12,800	11,700	12,400	2,944	3,218	3,472	17.90	23.40	17.60
Tex . . . . .	100	500	800	8	40	60	15.80	17.80	37.30
Total . . . . .	24,700	24,100	26,100	5,307	5,749	6,517	17.70	23.30	18.60
All groups . . . . .	129,970	125,230	126,180	22,338	23,267	25,338	19.60	22.50	20.90
Hawaii . . . . .	250	270	270	70	62	77	28.60	35.00	31.00
U.S. . . . .	130,220	125,500	126,450	22,408	23,329	25,415	19.70	22.50	20.90

See footnotes at end of table.

**Table 275.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1978-80—Continued**

Utilization, season, and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
FOR PROCESSING									
Calif . . . . .	231,900	250,000	208,300	5,289,850	6,350,000	5,540,780	63.70	67.50	59.00
Colo . . . . .	760	750	470	11,800	8,100	6,110	63.00	64.60	66.90
Ind . . . . .	9,500	10,600	9,600	200,050	154,780	106,560	68.50	72.70	74.30
Mid . . . . .	3,900	2,800	3,400	43,950	35,900	26,900	66.80	60.70	71.00
Mich . . . . .	4,500	5,600	6,000	81,200	101,420	73,680	67.30	68.30	72.90
N. J . . . . .	7,200	7,000	5,400	92,850	98,000	61,990	65.00	70.20	74.20
N. Mex . . . . .	600	...	...	4,800	...	...	75.00	...	...
Ohio . . . . .	19,700	18,700	16,800	398,350	349,320	252,000	67.80	67.80	71.10
Fa . . . . .	3,900	4,400	3,400	76,100	73,260	40,390	64.00	65.80	68.70
Tex . . . . .	2,500	2,000	1,400	21,550	17,400	9,940	68.30	62.10	67.50
Va . . . . .	3,800	3,600	2,100	40,000	42,950	17,960	67.40	70.40	73.60
Other States <sup>2</sup> . . . . .	7,300	6,580	6,160	107,600	98,400	74,280	62.50	65.90	68.30
U.S. . . . .	295,560	312,030	263,030	6,367,700	7,329,510	6,210,590	64.20	67.60	60.40
Grand total . . . . .	425,780	437,530	389,480	7,488,100	8,495,960	7,481,340	113.00	120.00	121.00

<sup>1</sup> Preliminary.

<sup>2</sup> 1978—Arkansas, Delaware, Florida, Illinois, Iowa, Kentucky, New York, North Carolina, Utah, and West Virginia; 1979—Delaware, Florida, Illinois, Iowa, Kentucky, New Mexico, New York, North Carolina, Utah, and West Virginia; 1980—Delaware, Florida, Illinois, Iowa, New Mexico, New York, North Carolina, Utah, and West Virginia.

Statistical Reporting Service.

**Table 276.—Tomatoes: Foreign trade, United States, 1966-79**

Year beginning July	Imports			Domestic exports				
	Fresh	Canned <sup>1</sup>	Paste	Fresh	Canned <sup>2</sup>	Catsup and sauces	Paste <sup>2</sup>	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>
1966 . . . . .	382,752	111,550	78,975	96,014	10,741	12,721	8,436	19,201
1967 . . . . .	363,814	158,009	175,010	89,845	6,609	9,591	6,473	17,284
1968 . . . . .	467,129	117,175	128,225	99,530	10,105	10,752	7,946	13,621
1969 . . . . .	630,122	111,656	84,120	92,176	17,835	12,546	17,067	11,747
1970 . . . . .	583,828	143,158	114,663	105,660	18,358	10,290	8,277	14,709
1971 . . . . .	585,240	138,106	107,031	119,802	17,202	12,389	6,755	10,794
1972 . . . . .	739,170	126,287	127,941	147,574	22,701	15,200	10,617	18,316
1973 . . . . .	611,481	72,395	82,714	153,183	25,401	16,538	45,286	11,413
1974 . . . . .	543,734	64,774	25,811	194,183	23,015	19,049	44,535	23,442
1975 . . . . .	629,975	76,531	30,925	199,072	34,293	39,283	24,945	38,094
1976 . . . . .	791,134	74,505	73,957	178,395	24,199	14,967	20,937	48,524
1977 . . . . .	828,748	75,873	56,538	199,556	26,457	16,563	31,636	37,582
1978 . . . . .	710,578	56,944	50,085	239,718	29,564	17,019	23,568	28,742
1979 . . . . .	687,575	31,380	31,602	247,049	44,490	21,717	40,662	26,204

<sup>1</sup> Includes "otherwise prepared," if any.

<sup>2</sup> Includes exports for military-civilian feeding abroad.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



**Table 277.—Watermelons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1966–80**

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	275,640	103	28,436	1.87	53,175	1974 . . . . .	212,700	110	23,466	3.83	89,942
1967 . . . . .	273,260	102	27,790	2.10	58,279	1975 . . . . .	210,700	116	24,395	4.00	97,479
1968 . . . . .	283,880	97	27,616	1.88	51,838	1976 . . . . .	234,100	113	26,459	3.27	86,651
1969 . . . . .	272,400	95	25,950	2.05	53,268	1977 . . . . .	225,200	119	26,885	3.44	92,363
1970 . . . . .	266,200	103	27,373	2.21	60,404	1978 . . . . .	212,400	119	25,270	3.99	100,816
1971 . . . . .	252,400	107	27,094	2.51	67,892	1979 . . . . .	205,300	117	24,076	4.55	109,541
1972 . . . . .	267,600	94	25,280	2.50	63,173	1980 <sup>3</sup> . . . . .	184,500	123	22,716	6.59	149,757
1973 . . . . .	240,400	109	26,170	2.95	77,186						

<sup>1</sup> Excludes the following quantities not harvested or marketed because of economic conditions (1,000 hundredweight): 590 in 1966 and 90 in 1968.

<sup>2</sup> Price and value on f.o.b. basis.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 278.—Watermelons, commercial crop: Area, production, and value per hundredweight, by States, 1978–80**

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
<b>Spring:</b>									
Ala . . . . .	3,300	3,600	3,400	211	238	218	3.80	6.50	7.50
Ariz . . . . .	1,900	2,000	1,100	285	260	215	8.19	5.30	8.44
Calif.:									
Desert . . . . .	3,700	3,900	3,300	796	683	858	8.51	7.02	9.98
Fla . . . . .	50,000	43,000	42,500	8,000	6,450	7,863	3.35	5.00	5.92
Ga . . . . .	7,500	10,500	6,000	705	1,155	450	3.80	3.00	5.70
Tex . . . . .	24,000	23,000	15,000	1,800	2,070	1,200	5.24	4.90	8.94
<b>Total . . . . .</b>	<b>90,400</b>	<b>86,000</b>	<b>71,300</b>	<b>11,797</b>	<b>10,856</b>	<b>10,804</b>	<b>4.14</b>	<b>4.94</b>	<b>6.65</b>
<b>Summer:</b>									
Ala . . . . .	7,700	8,400	8,400	539	529	529	2.90	5.03	5.98
Ariz . . . . .	1,900	4,300	2,300	285	581	357	5.51	3.77	5.09
Ark . . . . .	3,600	3,300	2,000	360	314	80	3.50	3.30	4.52
Calif.:									
Desert . . . . .	500	900	700	83	207	172	6.30	5.20	6.30
Other . . . . .	8,200	8,400	7,100	2,460	2,520	1,988	5.46	4.75	8.18
Del . . . . .	1,900	1,900	2,000	314	266	320	3.88	5.19	7.44
Ga . . . . .	21,000	16,900	21,400	1,995	1,538	2,140	2.50	2.76	6.11
Ind . . . . .	5,000	5,000	5,500	725	750	770	5.34	4.50	5.35
Ia . . . . .	2,400	2,700	2,900	396	378	450	3.38	5.19	7.44
Miss . . . . .	12,000	11,500	10,500	1,140	1,035	735	3.21	3.92	4.14
Mo . . . . .	4,400	4,100	2,400	484	574	288	3.00	3.25	3.40
N.C. . . . .	7,400	7,400	8,000	422	414	600	3.17	4.00	4.30
Okl. . . . .	7,000	7,500	7,000	455	450	210	4.68	3.80	6.53
S.C. . . . .	14,000	14,000	12,000	1,190	1,134	1,068	2.35	3.95	3.98
Tex . . . . .	25,000	23,000	21,000	2,625	2,530	2,205	4.06	5.13	9.10
<b>Total . . . . .</b>	<b>122,000</b>	<b>119,300</b>	<b>113,200</b>	<b>13,473</b>	<b>13,220</b>	<b>11,912</b>	<b>3.86</b>	<b>4.23</b>	<b>6.54</b>
<b>U.S. . . . .</b>	<b>212,400</b>	<b>205,300</b>	<b>184,500</b>	<b>25,270</b>	<b>24,076</b>	<b>22,716</b>	<b>3.99</b>	<b>4.55</b>	<b>6.59</b>

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 279.—Vegetables and melons: Unloads at 8 markets, by commodities, 1980<sup>1</sup>

Commodity	Boston			New York <sup>4</sup>			Philadelphia			Baltimore <sup>4</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total
Vegetables:	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.
Beans (snap, lima, and fava)	106	106	12	273	285	91	91	91	86	86	86	86
Cabbage	427	427	69	818	887	1	411	412	307	307	307	307
Cantaloups	115	239	354	469	1,015	1,484	66	284	350	21	259	280
Carrots	302	153	455	652	225	877	201	130	331	48	139	187
Cauliflower	95	95	5	127	132	79	79	79	47	47	47	47
Celery	298	387	685	251	707	958	50	388	438	9	247	256
Cucumbers	578	578	13	721	734	314	314	314	201	201	201	201
Lettuce-romaine	720	1,370	2,090	1,188	2,604	3,792	381	1,479	1,860	149	877	1,026
Mixed vegetables	36	36	136	136	21	21	21	21	13	13	13	13
Onions, dry	228	462	690	448	1,009	1,457	221	633	854	148	356	504
Peas, green	8	8	13	13	13	3	3	3	295	1,250	1,545	1,545
Potatoes	701	1,531	2,232	2,442	2,647	5,089	680	1,387	2,067	407	407	407
Watermelons	408	408	883	883	883	312	312	312	6	1,127	1,133	1,133
Miscellaneous	149	2,656	2,805	731	5,144	5,875	57	1,691	1,748	6	1,127	1,133
Total	2,549	8,420	10,969	6,416	16,186	22,602	1,678	7,202	8,880	689	5,303	5,992

  

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>5</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total
Vegetables:	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.
Beans (snap, lima, and fava)	94	94	72	72	191	191	191	191	84	84	84	84
Cabbage	403	403	3	518	521	799	799	799	308	308	308	308
Cantaloups	1	237	238	163	271	434	4	871	875	354	354	354
Carrots	9	109	118	103	185	288	1,328	1,328	351	351	351	351
Cauliflower	26	26	50	84	134	258	258	258	80	80	80	80
Celery	5	112	117	268	290	558	1,322	1,322	391	391	391	391
Cucumbers	122	122	321	321	546	546	546	546	205	205	205	205
Lettuce-romaine	10	763	773	2,028	1,205	3,233	3,325	3,325	1,385	1,385	1,385	1,385
Mixed vegetables	93	93	93	93	93	93	93	93	3	3	3	3
Onions, dry	45	683	728	92	632	724	1,792	1,792	857	857	857	857
Peas, green	2	2	2	2	2	13	13	13	17	17	17	17
Potatoes	497	2,116	2,613	908	2,282	3,190	1	5,072	5,073	2,775	2,775	2,775
Watermelons	557	557	586	586	587	1,362	1,362	1,362	299	299	299	299
Miscellaneous	4	1,423	1,427	221	2,144	2,365	58	7,305	7,363	1	2,790	2,791
Total	571	6,645	7,216	3,930	8,592	12,522	63	24,184	24,247	1	9,899	9,900

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 274.

<sup>2</sup> Estimated percentages of completeness for reported truck unloads for 1980 are as follows: Atlanta and San Francisco 80; Baltimore 85; Philadelphia, Chicago, and Los Angeles 90; Boston, 90-95; New York 95.

<sup>3</sup> Includes Newark.

<sup>4</sup> Includes Washington.

<sup>5</sup> Includes Oakland.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 281

<sup>1</sup> Fresh vegetable consumption computed for total commercial production for fresh market, including an estimate for commercial production in States where estimates are not made separately. Does not include production for home use. Civilian consumption obtained by dividing the total apparent civilian consumption by total civilian population as reported by the Bureau of the Census. All data for calendar year, except dry field peas which are on a crop-year basis.

<sup>2</sup> Less than 0.05 pound.

<sup>3</sup> Beginning 1968, included in minor vegetables.

<sup>4</sup> Preliminary.

<sup>5</sup> Included less than 0.05 pound of shallots each year from 1966 through 1967. Beginning 1968, included in minor vegetables.

<sup>6</sup> Beginning 1971, dehydrated onions are excluded from "Onions and shallots" and reported separately.

<sup>7</sup> Includes table stock and processed potatoes.

Economic Research Service.

VEGETABLES AND MELONS

195

Table 280.—Vegetables, and melons, fresh: Total reported domestic rail, truck, and air shipments, 1980<sup>1</sup>

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>Vegetables:</b>													
Asparagus			6	17	26	11						1	61
Beans	108	98	112	156	140	65	60	25	37	54	116	108	1,079
Beets	13	13	18	10	6					1	7	10	78
Broccoli	199	202	282	312	335	291	242	239	308	324	302	419	3,455
Cabbage	1,238	1,209	1,416	1,317	1,110	409	305	504	366	299	386	1,127	9,686
Carrots	857	854	926	876	756	846	792	634	611	653	604	751	9,160
Cauliflower	223	167	136	166	169	197	178	147	169	350	219	334	2,455
Celery	550	616	717	831	781	510	897	997	1,102	1,223	1,192	1,492	10,908
Corn, sweet	160	144	238	498	1,086	1,011	704	423	252	181	251	144	5,092
Cucumbers	90	51	54	263	1,233	871	337	493	346	528	508	195	4,969
Eggplant	59	32	21	42	69	75	42	1	1	49	77	58	526
Escarole-endeive	76	76	88	82	57					3	44	66	492
Greens	176	193	176	116	55	2	2		1	21	60	150	950
Lettuce, iceberg	1,380	1,603	3,057	4,764	6,138	5,502	5,146	4,893	5,040	5,210	3,505	4,722	50,960
Lettuce, romaine	38	44	62	65	57	32	41	40	34	26	49	107	595
Lettuce, other	29	27	38	32	16	8	20	19	11	12	29	61	302
Mixed vegetables	10	7	7	16	27	31	68	33	55	48	66	46	414
Onions, dry	1,870	1,935	1,643	1,996	1,723	2,096	2,033	1,710	1,921	2,167	2,019	1,961	23,074
Onions, green	46	49	62	73	77	48	48	49	64	71	66	101	754
Peas, green			3	5									8
Pepper, bell	187	181	186	218	514	385	373	175	372	330	346	344	3,611
Pepper, other	3				1	8	13		8	4		1	38
Potatoes, table	10,108	9,902	11,500	11,868	11,261	7,433	6,408	7,540	7,284	7,997	7,927	8,911	108,139
Potatoes, Chipper									1,164	1,172	1,486	1,257	5,079
Potatoes, seed										31	107	269	407
Radish	124	106	143	143	136	27	22	13	17	75	84	157	1,047
Spinach	93	103	95	13	2	1	12	19	15	17	34	71	475
Squash	125	79	82	197	183	71	7	5	9	77	117	117	1,069
Sweet potatoes	211	202	295	227	145	53	16	71	190	288	536	359	2,593
Tomatoes	1,308	909	1,072	953	2,308	2,157	1,457	975	863	1,214	1,295	1,740	16,251
Tomatoes, cherry						17	79	21	11	13	10	8	159
Turnips-rutabagas	26	30	32	16	17	5	2			7	8	22	165
<b>Total</b>	<b>19,307</b>	<b>18,832</b>	<b>22,467</b>	<b>25,272</b>	<b>28,428</b>	<b>22,162</b>	<b>19,302</b>	<b>19,026</b>	<b>20,251</b>	<b>22,445</b>	<b>21,450</b>	<b>25,109</b>	<b>264,051</b>
<b>Melons:</b>													
Cantaloups			1		384	1,454	2,190	1,978	1,582	393	2	45	8,029
Honeydews			1	3	175	398	235	387	442	186	26	53	1,906
Mixed and miscellaneous							14	21	32	6	1	27	101
Watermelons	1			15	1,848	5,849	4,992	1,504	131	52	22	19	14,433
<b>Total</b>	<b>1</b>	<b></b>	<b>2</b>	<b>18</b>	<b>2,407</b>	<b>7,701</b>	<b>7,431</b>	<b>3,890</b>	<b>2,187</b>	<b>637</b>	<b>51</b>	<b>144</b>	<b>24,469</b>
<b>Miscellaneous:</b>													
Artichokes	8	26	157	135	62	32	42	36	24	43	53	45	663
Brussels sprouts													
Chinese cabbage	21	27	32	20	14	1				1	4	12	132
Miscellaneous herbs													
Miscellaneous Oriental													
Mushrooms													
Okra	1	1	2	2	14	15	10	2	2	5	5	2	61
Parsley	27	35	35	29	16	3				1	14	25	185
Peas, other	1			1	10	5	2		2	4	2		27
Pumpkins									3	116			119
Vegetables <sup>2</sup>	57	47	48	45	56	45	7	4	5	20	59	82	475
<b>Total</b>	<b>115</b>	<b>136</b>	<b>274</b>	<b>232</b>	<b>172</b>	<b>101</b>	<b>61</b>	<b>42</b>	<b>36</b>	<b>190</b>	<b>137</b>	<b>166</b>	<b>1,662</b>
<b>Grand total</b>	<b>19,423</b>	<b>18,968</b>	<b>22,743</b>	<b>25,522</b>	<b>31,007</b>	<b>29,964</b>	<b>26,794</b>	<b>22,958</b>	<b>22,474</b>	<b>23,272</b>	<b>21,638</b>	<b>25,419</b>	<b>290,182</b>

<sup>1</sup> Use of car/carlot equivalents for reporting shipments of fresh vegetables was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 275.

<sup>2</sup> Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail carriers, inspection service and shipping points.

**Table 281.—Vegetables (fresh), melons, potatoes, sweetpotatoes, dry edible beans, and dry field peas: Per capita civilian consumption (farm-weight basis), United States, 1966–80<sup>1</sup>**

Year	Toma-toes	Leafy, green, and yellow vegetables										
		Arti-chokes	Aspara-gus	Lima beans (un-shelled)	Snap beans	Broccoli	Brussels sprouts	Cabbage	Carrots	Kale	Lettuce and escarole	Green peas (un-shelled)
1966 . . .	Pounds 12.4	Pounds 0.3	Pounds 0.4	Pounds 0.3	Pounds 1.9	Pounds 0.3	Pounds (2) 8.9	Pounds 6.4	Pounds 0.1	Pounds 21.6	Pounds 0.2	
1967 . . .	12.4	.4	.4	.3	2.0	.3	0.1	9.1	6.5	.1	22.1	
1968 . . .	11.9	.3	.5	(3)	1.9	.4	(2)	9.3	7.5	(3)	22.5	(3)
1969 . . .	11.9	.3	.4	.....	1.8	.4	(2)	8.9	6.0	.....	22.5	.....
1970 . . .	12.3	.3	.5	.....	1.7	.5	(2)	8.8	5.9	.....	23.1	.....
1971 . . .	11.4	.4	.4	.....	1.6	.7	(2)	9.2	6.1	.....	23.2	.....
1972 . . .	12.2	.3	.5	.....	1.6	.7	(2)	8.8	6.6	.....	23.3	.....
1973 . . .	12.6	.3	.4	.....	1.6	.8	(2)	9.0	6.7	.....	23.9	.....
1974 . . .	12.0	.3	.4	.....	1.5	.8	(2)	9.1	7.0	.....	24.4	.....
1975 . . .	12.1	.3	.4	.....	1.6	1.0	(2)	9.2	6.5	.....	24.5	.....
1976 . . .	12.7	.4	.4	.....	1.6	1.1	(2)	8.8	6.7	.....	24.3	.....
1977 . . .	12.5	.3	.3	.....	1.5	1.3	(2)	8.5	5.4	.....	25.1	.....
1978 . . .	13.4	.2	.3	.....	1.4	1.3	(2)	9.1	5.7	.....	26.6	.....
1979 . . .	12.7	.4	.3	.....	1.4	1.4	(2)	8.7	6.1	.....	26.7	.....
1980 <sup>4</sup> . . .	13.4	.3	.3	.....	1.4	1.8	(2)	9.0	6.3	.....	27.4	.....

  

Year	Leafy, green, and yellow vegetables-Continued					Other vegetables							
	Peppers	Spinach	Minor	Total	Beets	Cauli-flower	Celery	Corn	Cucum-bers	Egg-plant	Garlic	Onions and shallots <sup>5</sup>	
1966 . . .	Pounds 2.4	Pounds 0.6	Pounds 4.0	Pounds 47.4	Pounds 0.4	Pounds 1.0	Pounds 6.9	Pounds 7.4	Pounds 3.0	Pounds 0.4	Pounds 0.3	Pounds 11.5	
1967 . . .	2.6	.6	3.6	48.2	.4	1.0	6.8	8.0	3.1	.4	.4	12.1	
1968 . . .	2.8	.6	5.5	51.3	(3)	1.0	7.2	7.8	2.9	.4	.5	11.9	
1969 . . .	2.6	.5	4.4	47.8	.....	.9	7.3	8.0	3.2	.4	.5	12.5	
1970 . . .	2.4	.5	4.7	48.4	.....	.7	7.2	7.9	3.2	.4	.5	11.9	
1971 . . .	2.5	.5	4.5	49.1	.....	.7	7.3	7.5	3.1	.4	.3	6 <sup>10</sup> 11.9	
1972 . . .	2.7	.4	4.6	49.5	.....	.8	7.1	7.9	3.3	.5	.4	9.9	
1973 . . .	2.8	.5	4.2	50.2	.....	.8	7.6	8.0	3.0	.6	.5	9.2	
1974 . . .	3.0	.5	4.4	51.4	.....	.8	7.4	7.7	3.4	.5	.7	10.5	
1975 . . .	3.1	.5	4.3	51.4	.....	.9	7.0	7.9	3.2	.5	.8	9.8	
1976 . . .	3.3	.6	3.7	50.9	.....	1.0	7.5	8.2	3.7	.7	.5	10.1	
1977 . . .	3.4	.7	4.6	51.1	.....	1.1	7.2	7.6	4.0	.6	.6	10.1	
1978 . . .	3.5	.5	5.1	53.7	.....	1.1	6.7	7.3	4.2	.6	.8	10.6	
1979 . . .	3.5	.5	5.3	54.3	.....	1.3	7.5	7.4	4.3	.7	1.0	11.8	
1980 <sup>4</sup> . . .	3.6	.8	6.2	57.1	.....	1.4	7.8	7.2	4.3	.6	1.0	13.4	

  

Year	Other vegetables-Continued		Total vegetables	Melons			Total 'vegetables and melons	Potatoes <sup>7</sup>	Sweet-potatoes	Dry edible beans	Dry-field peas	Dehydrated onions <sup>6</sup>
	Minor	Total		Water-melons	Cantaloups	Total melons						
1966 . . .	Pounds 5.2	Pounds 36.1	Pounds 95.9	Pounds 14.8	Pounds 7.3	Pounds 22.1	Pounds 118.0	Pounds 117	Pounds 6.3	Pounds 6.3	Pounds 0.4	.....
1967 . . .	5.4	37.6	98.2	14.2	8.1	22.3	120.5	108	5.8	6.9	.2	.....
1968 . . .	6.3	38.0	101.2	14.4	8.6	23.0	124.2	115	5.7	6.4	.3	.....
1969 . . .	6.4	39.2	98.9	13.8	9.1	22.9	121.8	117	5.7	6.9	.3	.....
1970 . . .	6.3	38.1	98.8	14.4	8.9	23.3	122.1	118	5.6	5.9	.3	.....
1971 . . .	6.1	35.5	96.0	14.1	8.5	22.6	118.6	119	4.9	5.9	.3	2.5
1972 . . .	5.7	35.6	97.3	13.2	8.7	21.9	119.2	119	5.1	6.3	.3	2.0
1973 . . .	5.7	35.4	98.2	13.8	8.0	21.8	120.0	117	5.1	6.4	.5	2.4
1974 . . .	5.6	36.6	100.0	11.9	7.0	18.9	118.9	114	5.5	6.7	.4	2.8
1975 . . .	5.5	35.6	99.0	12.2	6.9	19.1	118.1	122	5.5	6.5	.4	3.0
1976 . . .	5.8	37.5	102.0	13.5	7.0	20.5	122.5	116	5.4	6.2	.4	2.3
1977 . . .	5.8	37.0	101.2	13.5	7.7	21.2	122.5	122	5.0	6.1	.4	2.7
1978 . . .	5.7	37.4	104.4	13.2	9.1	22.3	126.7	121	5.4	5.9	.2	2.6
1979 . . .	6.0	40.0	107.1	12.5	8.9	21.4	128.5	118	5.7	6.4	.4	3.0
1980 <sup>4</sup> . . .	4.8	40.5	111.0	11.4	7.2	18.6	129.6	118	5.7	6.4	.4	2.6

See footnotes on page 194.

Table 282.—Vegetables, canned: United States pack of selected items, 1966–80

Season	Asparagus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles <sup>1</sup>	Pimientos
	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>
1966	7,896	3,531	40,536	11,584	5,838	45,525	31,856	60,234	675
1967	6,638	3,963	53,173	12,409	7,342	49,268	37,692	67,127	761
1968	6,925	3,818	51,842	14,323	4,726	59,278	36,231	63,220	848
1969	6,817	3,596	47,339	11,562	5,490	49,387	32,071	57,904	876
1970	5,675	2,776	47,572	11,638	4,999	46,995	28,697	65,946	627
1971	5,542	3,116	50,011	10,241	5,710	53,757	33,197	63,072	737
1972	5,860	2,116	47,556	9,448	5,093	52,957	33,081	63,969	650
1973	5,794	3,150	55,002	11,324	6,160	55,227	29,558	67,066	269
1974	5,643	2,523	62,319	14,819	7,193	46,431	33,120	66,864	396
1975	3,551	3,729	55,390	13,394	5,035	57,458	35,172	75,516	613
1976	3,609	2,812	47,421	9,164	5,327	54,694	31,927	70,986	702
1977	3,705	2,657	54,494	11,348	5,973	56,300	30,238	69,871	407
1978	3,382	3,356	57,121	12,834	6,809	57,907	25,269	76,776	376
1979	2,819	3,061	66,281	14,990	6,928	60,022	36,492	75,367	530
1980 <sup>3</sup>	2,535	2,833	58,153	11,322	5,084	50,574	30,056	68,018	540

  

Season	Pumpkin and squash	Sauerkraut <sup>1</sup>	Spinach	Tomatoes	Tomato juice <sup>4</sup>	Tomato pulp and puree	Total of these items
	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>
1966	4,553	9,696	6,954	32,662	38,907	7,349	307,796
1967	4,592	14,764	7,409	39,127	42,815	8,775	355,855
1968	4,551	12,520	7,990	48,422	40,169	13,837	368,700
1969	5,244	12,015	6,577	32,036	33,653	7,014	311,568
1970	3,973	14,369	7,270	39,017	36,761	5,947	322,262
1971	4,581	12,687	7,675	38,367	38,411	7,844	334,948
1972	4,064	10,697	8,217	43,301	31,074	9,705	327,788
1973	4,632	11,834	8,944	45,431	33,936	9,895	348,222
1974	4,214	15,198	10,834	43,794	36,133	10,282	359,762
1975	5,805	12,946	8,328	53,465	35,358	13,807	379,567
1976	5,500	12,531	6,304	42,614	32,154	8,377	334,122
1977	2,962	12,677	7,108	54,124	27,844	9,284	349,532
1978	3,353	11,761	6,214	49,241	33,920	8,425	356,544
1979	3,997	12,890	8,121	52,896	31,517	10,395	386,306
1980 <sup>3</sup>	5,219	11,280	6,314	53,096	28,624	7,896	341,544

<sup>1</sup> Total crop for processing converted to a canned basis by applying factors (cases of 24 No. 303 cans per ton, farm weight): Cucumbers for pickles, 112 cases for 1964, and interim years interpolated; cabbage for kraut, 54.0 cases for 1964, and interim years interpolated.

<sup>2</sup> Equivalent cases of 24 No. 303 cans.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes combination vegetable juices containing at least 70 percent tomato juice.

Economic Research Service. Compiled mainly from reports of the National Food Processors Association.

## FOOTNOTES FOR TABLE 286

<sup>1</sup> Data for asparagus, lima beans, sauerkraut, and spinach are either estimates or interpolations.

<sup>2</sup> Actual cases.

<sup>3</sup> Cannery's stocks of sauerkraut converted to cases by using a factor of 18 cases of 24/303's per barrel (of 45 gallons).

Economic Research Service. Compiled mainly from reports of the National Food Processors Association.

## FOOTNOTES FOR TABLE 288

<sup>1</sup> Preliminary.

<sup>2</sup> Included, with leafy, green, and yellow vegetables because most items included are considered to be greens.

Economic Research Service.

Table 283.—Vegetables, canned: Civilian per capita consumption (processed basis, net canned weight), United States, 1966–80<sup>1</sup>

Year	Leafy, green, and yellow vegetables							Tomato products		
	Asparagus	Lima Beans	Snap beans	Carrots	Peas	Pumpkin and squash	Spinach	Whole tomatoes	Catsup and chili sauce	Paste and sauce
	<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>
1966	0.7	0.2	5.1	0.7	4.2	0.5	0.7	4.6	4.8	4.2
1967	.7	.4	5.1	.7	4.1	.5	.7	4.6	4.7	5.0
1968	.7	.3	5.5	.6	4.2	.6	.8	4.9		9.8
1969	.7	.4	5.7	.6	4.1	.5	.6	4.9		10.1
1970	.7	.4	5.8	.6	3.9	.5	.8	4.8		10.1
1971	.6	.4	5.9	.6	3.8	.5	.7	4.9		9.9
1972	.6	.3	5.8	.8	3.8	.6	.8	5.1		10.2
1973	.7	.3	5.9	.6	4.3	.6	.9	5.8		11.3
1974	.5	.3	5.9	.6	3.5	.6	.9	5.0		12.0
1975	.5	.3	5.6	.6	3.4	.6	.6	4.9		13.5
1976	.6	.3	6.0	.5	3.6	.5	.6	5.2		13.3
1977	.4	.4	5.9	.6	3.9	.4	.6	5.2		13.5
1978	.4	.3	5.7	.5	3.6	.4	.7	5.1		12.8
1979	.3	.4	6.0	.5	3.2	.6	.8	5.8		14.5
1980 <sup>1</sup>	.3	.3	6.2	.5	3.3	.4	.5	6.1		9.5

  

Year	Tomato products		Other vegetables				Sweet-potatoes	Other <sup>1</sup>	Total
	Pulp and puree	Tomato and vegetable juices	Beets	Corn	Pickles	Sauer-kraut			
	<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>
1966	1.0	4.4	1.4	5.2	6.6	1.4	1.2	2.1	49.0
1967	1.0	4.2	1.4	5.4	7.3	1.4	1.1	2.3	50.6
1968	1.1	4.0	1.3	5.8	7.7	1.6	1.3	2.1	52.3
1969	1.0	4.1	1.5	6.1	7.7	1.4	1.5	2.8	53.7
1970	1.0	4.1	1.5	5.9	7.4	1.5	1.2	2.7	52.9
1971	1.0	3.9	1.4	6.2	7.6	1.6	1.2	4.1	54.3
1972	1.1	3.7	1.5	6.5	7.8	1.4	1.1	4.1	55.2
1973	1.1	3.3	1.3	6.4	8.0	1.4	1.3	4.5	57.7
1974	1.2	3.6	1.3	6.0	7.9	1.5	1.5	4.7	56.9
1975	1.1	3.6	1.3	5.1	7.8	1.3	.9	4.0	55.1
1976	1.1	2.8	1.4	5.7	8.4	1.4	.9	3.4	55.7
1977	.9	3.1	1.4	6.3	8.2	1.4	.8	3.2	56.2
1978	1.0	3.0	1.4	6.0	8.4	1.3	1.0	2.6	54.2
1979	1.0	2.8	1.0	5.4	8.7	1.0	1.0	2.3	54.6
1980 <sup>1</sup>	.8	3.2	1.2	5.8	6.9	1.2	1.0	2.2	52.7

<sup>1</sup> Excludes soups and baby food.<sup>2</sup> Beginning 1968, classified as "other concentrated products."<sup>3</sup> Preliminary.<sup>4</sup> Includes miscellaneous greens, pimientos, potatoes (and potatoes canned in soups and stews beginning 1971), mixed vegetables, and all items for which no separate data are available.

Economic Research Service.

## FOOTNOTES FOR TABLE 289

<sup>1</sup> See table 280 for items included. Excludes melons.<sup>2</sup> Includes dehydrated onions.<sup>3</sup> See tables 282 and 288 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweetpotatoes, canned baby foods, and canned soups.<sup>4</sup> Preliminary.

Economic Research Service.

Table 284.—Vegetables, frozen: Commercial pack, United States, 1971–80

Commodity	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
	<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>
Artichokes <sup>1</sup>			1,584	1,596	2,236	2,262	1,660	363	1,790	984
Asparagus	29,959	33,574	20,157	16,190	18,409	23,750	22,474	15,427	23,989	11,232
Beans, butter	11,741	11,399	10,947	12,106	8,012	9,431	7,917	12,609	3,876	4,544
Beans, green, regular cut	127,675	151,064	178,331	160,666	144,309	114,446	142,239	161,085	162,000	155,996
Beans, green, French cut	74,741	83,955	80,459	70,202	59,000	59,974	82,633	95,117	91,686	71,713
Beans, green, wax	7,147	6,065	9,462	7,374	6,830	7,000	5,605	7,478	10,629	8,744
Beans, green, Italian	10,015	11,300	13,547	13,121	5,987	11,594	15,907	16,667	19,213	16,855
Beans, whole	9,185	8,557	9,062	9,004	4,876	4,933	5,376	7,043	9,022	7,473
Beans, baby lima	73,898	92,634	98,112	97,163	85,670	43,854	92,154	81,145	82,775	52,788
Beans, lima, Fordhook	40,690	52,968	51,577	46,226	50,245	24,973	45,204	38,110	41,498	33,120
Broccoli	189,600	234,344	213,165	245,285	191,638	201,513	314,395	276,519	298,618	290,658
Brussels sprouts	49,195	55,845	56,836	53,729	54,422	44,845	56,642	71,161	61,353	63,366
Carrots	143,681	165,879	231,688	248,081	165,869	181,277	263,769	238,415	263,080	191,151
Cauliflower	67,659	94,070	96,098	93,754	76,056	67,807	96,670	127,513	101,130	84,766
Celery	5,335	11,136	13,421	9,089	7,077	10,286	9,642	17,507	17,494	8,729
Collards	24,571	21,760	20,885	20,366	14,126	17,022	19,269	17,901	16,534	13,206
Corn, cut	226,835	273,776	294,223	298,224	288,067	282,391	260,773	303,155	310,648	270,531
Corn-on-cob	106,893	133,064	166,830	152,330	187,582	183,381	265,183	307,079	269,422	258,567
Kale	6,611	5,647	4,425	5,029	5,071	4,597	6,515	5,403	3,637	4,292
Mushrooms <sup>2</sup>						5,938	10,465	8,848	14,193	14,708
Mustard greens	13,011	12,643	14,593	11,539	10,238	10,396	13,857	10,595	10,020	7,465
Okra	32,234	27,924	40,597	42,992	27,970	27,489	41,551	46,295	33,305	41,698
Onions	75,882	110,672	114,679	111,228	121,101	148,963	152,718	154,080	167,239	156,081
Peas, blackeye	33,027	38,004	41,974	30,881	21,745	31,368	36,054	36,981	21,099	20,933
Peas, green	348,418	340,075	387,749	416,682	400,587	340,366	333,954	257,717	427,461	315,577
Peppers, green and red <sup>3</sup>		10,802	8,220	15,381	9,601	8,447	14,316	11,993	10,661	15,367
Potato products	2,565,118	2,593,848	2,691,073	2,984,881	3,000,983	3,335,051	3,622,823	3,848,810	4,089,732	3,853,156
Pumpkin and cooked squash	28,470	29,708	29,047	32,641	29,802	22,177	25,168	25,058	23,667	23,000
Rhubarb	11,033	12,177	12,855	7,102	5,986	8,231	8,626	4,856	7,899	8,444
Spinach	156,991	160,050	159,501	177,892	129,399	160,247	167,766	147,389	181,279	169,298
Squash, summer	26,882	28,494	26,343	31,330	27,906	35,377	41,598	43,826	38,149	36,737
Sweetpotatoes and yams	7,391	6,973	7,504	5,828	11,378	12,038	11,091	15,483	14,981	16,135
Turnip greens	20,223	19,365	18,630	11,120	15,545	14,457	17,168	13,755	15,948	10,705
Turnip greens with turnips	26,940	20,160	25,450	23,381	17,562	22,011	25,331	23,511	23,210	21,321
Miscellaneous vegetables	23,310	16,629	9,374	10,728	11,882	8,942	9,296	11,859	7,922	9,890
<b>Total</b>	<b>4,574,361</b>	<b>4,874,561</b>	<b>5,158,398</b>	<b>5,473,141</b>	<b>5,212,966</b>	<b>5,491,035</b>	<b>6,245,809</b>	<b>6,560,733</b>	<b>6,875,159</b>	<b>6,269,229</b>

<sup>1</sup>Included in "Miscellaneous vegetables" prior to 1973.

<sup>2</sup>Included in "Miscellaneous vegetables" prior to 1976.

<sup>3</sup>Included in "Miscellaneous vegetables" prior to 1972.

Economic Research Service. Data from American Frozen Food Institute.

Table 285.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1980

Commodity	East and South <sup>1</sup>	Midwest <sup>2</sup>	West <sup>3</sup>	Northwest <sup>4</sup>	California	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes					984	984
Asparagus					<sup>5</sup> 11,232	11,232
Beans, butter	<sup>6</sup> 4,544					4,544
Beans, green, regular cut	55,444	18,636	81,916			155,996
Beans, green, French cut	27,100	2,909	41,704			71,713
Beans, wax	<sup>7</sup> 8,744					8,744
Beans, green, Italian		<sup>8</sup> 16,855				16,855
Beans, whole	1,646	2,684	3,143			7,473
Beans, baby lima	<sup>9</sup> 8,976		43,812			52,788
Beans, lima Fordhook	<sup>6</sup> 33,120					33,120
Broccoli					290,657	290,657
Brussels sprouts	<sup>6</sup> 63,366					63,366
Carrots	<sup>9</sup> 40,882			65,601	84,668	191,151
Cauliflower	18,397				66,369	84,766
Celery	8,729					8,729
Collards	13,206					13,206
Corn, cut	22,007	51,702	196,822			270,531
Corn-on-cob	26,712	78,199	153,656			258,567
Kale	4,292					4,292
Mustard greens	7,465					7,465
Okra	41,698					41,698
Onions			156,081			156,081
Peas, blackeye	20,933					20,933
Peas, green	38,822	43,016		217,584	16,155	315,577
Peppers, green and red	<sup>7</sup> 15,367					15,367
Potato products	<sup>10</sup> 3,853,156					3,853,156
Pumpkin and cooked squash	<sup>7</sup> 23,000					23,000
Rhubarb	<sup>8</sup> 1,176		7,268			8,444
Spinach	8,598				160,700	169,298
Squash, summer	36,737					36,737
Sweetpotatoes and yams	16,135					16,135
Turnip greens	10,705					10,705
Turnip greens with turnips	21,321					21,321
Miscellaneous vegetables	<sup>11</sup> 9,890					9,890
Mushrooms	14,708					14,708
Total	4,456,876	214,001	684,402	283,185	630,765	6,269,229

<sup>1</sup> Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. <sup>2</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. <sup>3</sup> California, Colorado, Idaho, Montana, Oregon, Washington, and Wyoming. <sup>4</sup> Idaho, Oregon, and Washington. <sup>5</sup> East, South, West, Washington, and California. <sup>6</sup> East, South, and West. <sup>7</sup> East, South, Midwest, and West. <sup>8</sup> East, Midwest, and West. <sup>9</sup> East, South, and Midwest. <sup>10</sup> East, South, Midwest, and Northwest. <sup>11</sup> Regional packs not reported; allocated on basis of aggregate packs of other items.

Economic Research Service. Data from American Frozen Food Institute.

Table 286.—Vegetables, canned: Canners' and distributors' stocks, beginning of season, United States, 1978–80

Commodity	Season beginning—	Canners' stocks			Distributors' stocks <sup>1</sup>		
		1978	1979	1980	1978	1979	1980
		1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
Asparagus	March	668	1,026	1,093	413	459	366
Beans, lima	August	294	466	546			
Beans, snap	July	4,976	6,101	9,912	3,275	3,285	3,637
Beets	July	2,547	3,449	6,380	977	956	985
Carrots	July	1,887	1,821	3,300	578	585	472
Corn	July	8,100	10,188	9,966	4,166	4,142	4,447
Peas, green	June	4,701	1,787	6,095	2,784	2,459	2,746
Pumpkin and squash	July	1,208	638	641	249	197	217
Sauerkraut <sup>3</sup>	August	2,449	2,276	2,580	533	554	503
Spinach	March	1,983	1,190	2,994	602	569	601
Tomatoes	July	12,157	10,866	9,017	3,409	3,338	3,229
Tomato juice	July	4,714	5,101	5,170	1,679	1,454	1,369
Total of these items		45,684	44,909	57,694	18,665	17,998	18,572

See footnotes on page 197.



Table 287. — Frozen vegetables and potato products: Cold-storage holdings end of month, United States, 1979 and 1980

Month	Total green beans		Total broccoli		Total carrots		Total sweet corn	
	1979	1980	1979	1980	1979	1980	1979	1980
	<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 . . . . .	140,136	159,851	74,664	88,936	141,460	151,409	426,299	378,216
February . . . . .	118,629	141,946	60,184	78,660	126,047	139,340	372,549	333,182
March . . . . .	97,853	122,858	65,852	85,817	108,105	125,418	311,838	286,572
April . . . . .	84,262	105,928	62,481	80,880	96,284	119,256	263,572	244,330
May . . . . .	69,031	90,475	84,741	90,524	85,807	106,869	226,748	186,880
June . . . . .	73,435	91,203	100,138	107,052	81,937	99,544	186,883	151,482
July . . . . .	119,701	132,552	107,734	112,516	75,588	93,513	154,826	120,333
August . . . . .	207,577	233,116	102,126	110,680	81,347	78,298	255,761	183,932
September . . . . .	231,126	240,465	89,428	104,254	79,786	81,287	479,308	362,694
October . . . . .	220,300	228,509	96,089	103,177	127,773	114,539	530,442	447,817
November . . . . .	199,826	215,008	104,710	101,094	177,306	145,098	491,243	406,596
December . . . . .	181,277	190,351	103,310	99,154	176,305	137,681	443,319	359,715

  

Month	Total lima beans		Cauliflower		Spinach		Brussels sprouts	
	1979	1980	1979	1980	1979	1980	1979	1980
	<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 . . . . .	90,762	107,690	78,814	75,982	29,035	42,242	45,557	43,964
February . . . . .	83,594	99,519	65,990	67,635	19,085	30,316	37,551	40,275
March . . . . .	72,296	88,743	61,514	57,718	41,116	51,983	34,792	37,460
April . . . . .	63,285	81,712	52,339	50,002	109,638	91,920	31,438	34,312
May . . . . .	57,184	74,498	46,254	41,432	110,893	96,391	26,776	29,626
June . . . . .	49,597	64,847	44,265	40,646	107,703	95,526	21,571	25,085
July . . . . .	42,877	58,619	47,746	44,324	99,460	89,112	19,218	21,402
August . . . . .	64,700	65,617	53,469	45,318	90,088	78,181	16,339	19,767
September . . . . .	117,449	102,841	66,703	47,085	80,570	70,834	22,487	22,872
October . . . . .	136,071	112,273	77,547	63,752	74,935	66,888	37,126	42,243
November . . . . .	125,946	103,368	79,914	71,197	67,825	60,895	46,783	51,567
December . . . . .	116,004	90,217	82,721	69,441	55,529	53,903	47,223	54,893

  

Month	Total onions		Green peas		Total frozen vegetables		Total frozen potatoes	
	1979	1980	1979	1980	1979	1980	1979	1980
	<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 . . . . .	25,161	26,716	185,554	232,491	1,585,050	1,659,995	778,695	835,136
February . . . . .	24,356	28,674	147,154	194,796	1,363,941	1,491,277	791,320	868,210
March . . . . .	22,756	27,632	112,420	151,135	1,212,296	1,349,387	818,168	906,607
April . . . . .	20,654	26,962	86,102	135,737	1,141,811	1,260,811	849,269	906,238
May . . . . .	21,894	28,621	82,921	122,456	1,078,086	1,153,536	930,362	958,714
June . . . . .	23,207	26,074	173,201	178,284	1,163,897	1,186,891	971,747	964,030
July . . . . .	24,131	27,115	362,472	317,626	1,389,904	1,346,390	866,044	814,343
August . . . . .	22,980	25,506	416,021	355,740	1,674,811	1,549,298	671,324	598,472
September . . . . .	22,598	24,795	389,899	328,166	1,951,750	1,733,761	647,090	626,500
October . . . . .	23,065	26,822	350,922	294,539	2,063,680	1,866,963	760,962	754,255
November . . . . .	24,326	28,921	316,204	259,922	2,030,895	1,816,017	814,329	813,166
December . . . . .	26,743	28,012	280,654	226,556	1,891,193	1,662,714	812,208	729,912

Statistical Reporting Service.

**Table 288.—Vegetables, frozen: Civilian per capita consumption (processed weight basis), United States, 1966–80**

Year	Leafy, green, and yellow vegetables							
	Asparagus	Snap beans	Lima beans	Carrots	Peas	Broccoli	Brussels sprouts	Southern greens
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1966	0.16	1.06	0.70	0.55	2.05	0.71	0.20	.....
1967	.17	.90	.73	.66	1.88	.77	.20	.....
1968	.16	1.00	.74	.73	2.08	.79	.18	.....
1969	.15	.97	.63	.72	1.78	.84	.23	.....
1970	.14	1.05	.71	.76	1.86	.83	.22	.....
1971	.12	1.04	.64	.74	1.81	.90	.22	.....
1972	.10	1.06	.62	.81	1.81	.99	.20	.....
1973	.11	1.13	.69	.99	1.76	1.06	.23	.....
1974	.10	1.06	.62	.99	1.74	1.03	.26	.....
1975	.09	.87	.54	.88	1.69	.95	.23	0.33
1976	.11	1.13	.47	.90	1.60	1.02	.25	.33
1977	.09	.98	.52	.98	1.50	1.13	.24	.34
1978	.09	1.01	.49	.98	1.52	1.38	.27	.30
1979	.09	1.11	.50	1.07	1.70	1.34	.29	.36
1980 <sup>1</sup>	.06	1.00	.47	.93	1.54	1.40	.25	.24

  

Year	Leafy, green, and yellow vegetables—Continued		Other vegetables			Total vegetables excluding potatoes	Potato products	Grand total
	Spinach	Other <sup>2</sup>	Cauli-flower	Corn, cut basis	Onions			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1966	0.68	1.21	0.25	1.26	.....	8.83	6.93	15.76
1967	.70	1.20	.25	1.60	.....	9.06	7.58	16.64
1968	.70	1.27	.26	1.59	0.16	9.66	8.50	18.16
1969	.67	1.19	.30	1.44	.18	9.10	9.84	18.94
1970	.68	1.07	.30	1.61	.25	9.65	11.10	20.75
1971	.73	1.18	.35	1.47	.34	9.72	12.12	21.84
1972	.72	1.12	.35	1.46	.51	9.97	12.19	22.13
1973	.67	1.28	.37	1.60	.53	10.67	13.19	23.89
1974	.78	.93	.41	1.56	.49	10.20	13.09	23.20
1975	.65	.88	.35	1.52	.59	9.65	13.73	23.28
1976	.70	1.06	.39	1.54	.65	10.28	14.56	24.70
1977	.72	.91	.41	1.73	.68	10.39	15.73	26.95
1978	.74	.88	.47	1.82	.71	10.87	17.24	27.90
1979	.71	.77	.49	2.08	.74	11.48	17.73	28.97
1980 <sup>1</sup>	.75	.66	.46	1.93	.68	10.11	16.89	27.26

See footnotes on page 197.

**Table 289.—Commercially produced vegetables: Civilian per capita consumption, United States, 1966–80**

Year	Fresh equivalent					Percentage of annual total			
	Total fresh and processed	Fresh <sup>1 2</sup>	Processed <sup>3</sup>			Fresh	Processed		
			Total	Canned	Frozen		Total	Canned	Frozen
	<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>
1966	201.5	95.9	105.6	86.7	18.9	47.6	52.4	43.0	9.4
1967	209.4	98.2	111.2	91.3	19.9	46.9	53.1	43.6	9.5
1968	214.9	101.2	113.7	92.7	21.0	47.1	52.9	43.1	9.8
1969	213.1	98.7	114.2	94.9	19.3	46.4	53.6	44.6	9.0
1970	213.8	99.1	114.6	94.0	20.6	46.4	53.6	44.0	9.6
1971	209.5	95.5	113.8	93.6	20.2	46.3	53.7	44.2	9.5
1972	214.0	96.8	116.7	96.3	20.4	46.0	54.0	44.6	9.4
1973	221.7	97.5	123.5	101.6	21.9	44.9	55.1	45.3	9.8
1974	221.9	99.2	121.8	100.9	20.9	44.2	54.2	44.9	9.3
1975	220.6	98.0	121.7	101.9	19.8	43.8	54.4	45.6	8.8
1976	226.3	100.8	123.4	102.9	20.5	44.3	54.2	45.2	9.0
1977	226.4	101.5	125.2	104.1	21.1	44.8	55.2	45.9	9.3
1978	224.9	103.7	120.1	98.7	21.4	46.3	53.7	44.1	9.6
1979	231.8	105.9	122.6	99.6	23.0	46.4	53.7	43.6	10.1
1980 <sup>4</sup>	236.3	111.0	125.3	106.0	19.3	46.9	53.0	44.8	8.2

See footnotes on page 198.

## 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 actually harvested plus quantities not harvested primarily for economic reasons. Utilized production is the amount sold plus the quantities used at home or held in storage. The difference between total and utilized production is the quantity of mature fruit not harvested for economic reasons or excess cullage of harvested fruit. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. 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 season 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 290.—Fruits and planted nuts: Bearing area, United States, 1966–80**

Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3,4</sup>	Planted nuts <sup>5</sup>	Fruits and planted nuts	Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3,4</sup>	Planted nuts <sup>5</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>		<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>
1966 . . . . .	881.1	1,624.4	168.7	283.3	2,957.5	1974 . . . . .	1,177.8	1,566.8	161.7	421.7	3,328.0
1967 . . . . .	951.7	1,606.0	167.7	290.7	3,016.1	1975 . . . . .	1,181.3	1,604.1	159.4	441.9	3,386.7
1968 . . . . .	1,001.5	1,602.1	164.6	302.0	3,070.2	1976 . . . . .	1,178.6	1,652.7	162.2	455.1	3,448.6
1969 . . . . .	1,065.2	1,598.2	162.6	319.3	3,145.3	1977 . . . . .	1,159.3	1,687.0	167.6	482.9	3,496.8
1970 . . . . .	1,122.6	1,560.1	160.3	343.5	3,186.5	1978 . . . . .	1,140.6	1,661.3	210.7	519.4	3,532.0
1971 . . . . .	1,180.8	1,540.4	160.8	365.7	3,247.7	1979 . . . . .	1,136.1	1,648.5	218.3	538.5	3,541.4
1972 . . . . .	1,154.0	1,521.6	158.7	384.0	3,218.3	1980 <sup>6</sup> . . . . .	1,132.6	1,650.7	225.3	559.0	3,567.6
1973 . . . . .	1,174.5	1,527.8	158.8	398.7	3,259.8						

<sup>1</sup>Oranges, tangerines, lemons, grapefruit, lemons, limes, and tangelos. Area is for the year of harvest.

<sup>2</sup>Commercial apples, peaches, pears, grapes, cherries, plums, prunes, and apricots.

<sup>3</sup>Avocados, bananas, berries, dates, figs, nectarines, olives, papayas, pineapples, and pomegranates.

<sup>4</sup>Persimmons discontinued after 1977.

<sup>5</sup>Walnuts, almonds, macadamia nuts, and filberts. Pistachios beginning 1977.

<sup>6</sup>Preliminary.

Statistical Reporting Service.

Table 291.—Fruits: Production in tons, United States, 1966–80<sup>1</sup>

Year	Apples, commercial crop <sup>2</sup>	Peaches	Pears	Grapes (fresh basis)	Cherries	Prunes and plums (fresh basis)	Apricots	Figs (fresh basis)	Olives
	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
1966	2,881	1,695	748	3,734	206	492	194	68	63
1967	2,718	1,344	464	3,069	200	584	148	42	14
1968	2,735	1,818	624	3,549	229	534	149	52	86
1969	3,410	1,842	727	3,898	286	496	229	59	70
1970	3,199	1,498	549	3,103	246	787	175	50	52
1971	3,187	1,441	749	3,994	280	582	186	46	55
1972	2,939	1,186	612	2,579	252	359	128	36	24
1973	3,133	1,295	730	4,198	246	783	158	42	70
1974	3,290	1,459	742	4,199	279	659	94	45	59
1975	3,765	1,418	748	4,366	301	656	183	38	67
1976	3,236	1,509	839	4,398	246	666	155	32	80
1977	3,370	1,478	782	4,298	254	727	147	42	43
1978	3,799	1,326	723	4,567	247	643	126	32	126
1979	4,072	1,476	855	4,989	267	664	144	39	62
1980 <sup>3</sup>	4,414	1,537	894	5,595	281	821	119	46	111

  

Year	Oranges <sup>4</sup>	Tangerines <sup>4</sup>	Grapefruit <sup>4</sup>	Lemons <sup>4</sup>	Limes <sup>4</sup>	Tangelos <sup>4</sup>	Temples <sup>4</sup>	Strawberries, commercial crop	Pineapples <sup>5</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	1,000 tons
1966	5,808	193	1,894	599	17	54	202	232	1,006
1967	7,924	227	2,286	681	17	76	225	237	1,010
1968	5,436	163	1,781	641	29	76	202	263	921
1969	7,898	197	2,207	600	28	81	202	243	915
1970	8,023	189	2,186	674	28	113	234	248	954
1971	8,205	234	2,473	625	35	122	225	260	942
1972	8,237	220	2,627	634	44	162	230	230	947
1973	9,737	223	2,676	844	44	140	239	240	810
1974	9,386	210	2,692	676	42	167	239	259	700
1975	10,241	228	2,504	1,118	44	172	239	275	720
1976	10,493	236	2,850	670	43	248	248	290	680
1977	10,546	249	3,032	988	40	216	248	331	690
1978	9,546	228	3,030	991	18	221	221	330	675
1979	9,160	237	2,757	745	29	189	212	319	681
1980 <sup>3</sup>	11,839	275	2,986	789	44	288	270	351	657

  

Year	Avocados <sup>7</sup>	Nectarines	Cranberries	Bananas	Bushberries	Dates	Papayas	Per-simmons	Pomegranates	Total <sup>5</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	1,000 tons	1,000 tons
1966	80	68	79	4	49	21	9	2	3	20,401
1967	52	55	70	4	44	21	11	1	2	21,526
1968	74	64	73	3	38	23	12	2	3	19,580
1969	46	66	91	3	43	17	10	2	7	23,673
1970	86	67	102	3	40	18	12	2	8	22,547
1971	45	70	113	3	35	20	10	1	9	23,947
1972	89	87	104	3	31	16	13	3	7	21,808
1973	74	87	105	4	22	23	16	2	6	25,938
1974	127	117	112	3	33	23	19	3	8	25,652
1975	87	111	104	3	33	25	20	2	9	27,517
1976	141	128	120	3	29	22	25	2	9	27,398
1977	118	155	105	3	29	25	32	2	10	27,883
1978	146	148	123	3	67	22	32	(8)	10	27,391
1979	102	172	124	3	68	21	21	(8)	9	27,417
1980 <sup>3</sup>	281	193	135	2	84	22	25	(8)	12	32,071

<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> Year harvest was complete. <sup>5</sup> Prior to 1966, data for pineapple production was not included in this series. <sup>6</sup> Prior to 1970, growers marketing season for California lemons was from Nov. 1 to Oct. 31; beginning with the 1970 crop, it is August 1 to July 31. <sup>7</sup> Year of bloom. <sup>8</sup> Estimates discontinued after 1977 crop.

**Table 292.—Apples, commercial crop:<sup>1</sup> Production and season average price per pound, by States, 1978–80**

States	Total production			Utilized production			Price <sup>3</sup> for crop of—		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>Cents</i>	<i>Cents</i>	<i>Cents</i>
Ark	13.0	24.0	10.0	13.0	23.0	10.0	10.9	11.5	9.0
Calif	500.0	600.0	520.0	500.0	600.0	520.0	9.2	10.1	7.0
Colo	41.0	100.0	70.0	36.0	91.0	68.0	10.6	8.0	8.0
Conn	50.0	45.0	42.0	50.0	45.0	42.0	13.6	14.7	15.2
Del	14.0	13.0	13.5	14.0	13.0	13.5	9.1	9.4	8.7
Ga	22.0	35.0	36.0	22.0	35.0	36.0	11.5	11.2	12.3
Idaho	130.0	125.0	150.0	130.0	125.0	150.0	14.7	15.0	13.0
Ill	89.0	110.0	101.0	89.0	110.0	101.0	12.8	12.4	12.1
Ind	60.0	70.0	71.0	56.1	66.2	68.4	13.6	14.5	12.2
Iowa	8.9	12.1	8.4	8.9	11.6	8.3	13.8	13.5	13.8
Kans	10.0	15.0	11.0	10.0	14.1	10.4	11.1	9.5	10.2
Ky	15.0	21.0	19.0	14.2	20.4	17.1	12.6	11.5	14.3
Maine	75.0	86.0	85.0	75.0	86.0	85.0	13.2	14.6	14.0
Md	85.0	85.0	90.0	83.7	83.9	89.0	10.4	11.7	9.7
Mass	105.0	95.0	100.0	105.0	95.0	100.0	13.8	15.5	14.6
Mich	920.0	680.0	900.0	890.0	680.0	900.0	7.6	7.8	6.2
Minn	28.0	15.0	23.0	28.0	15.0	23.0	15.1	18.0	17.1
Mo	40.0	70.0	56.0	40.0	70.0	56.0	15.3	13.1	12.0
N.H	60.0	58.0	58.0	60.0	58.0	58.0	13.4	12.7	11.3
N.J	90.0	110.0	110.0	90.0	110.0	110.0	11.3	10.6	9.6
N.Mex	17.0	14.0	12.0	17.0	14.0	12.0	9.7	13.0	12.4
N.Y	1,080.0	1,035.0	1,100.0	1,080.0	1,035.0	1,100.0	8.5	10.0	9.4
N.C	324.0	362.0	410.0	322.0	361.0	406.0	7.9	7.2	6.7
Ohio	130.0	105.0	170.0	125.4	105.0	170.0	14.3	15.7	14.7
Oreg	142.0	170.0	195.0	142.0	170.0	195.0	11.1	11.0	14.1
Pa	400.0	535.0	570.0	400.0	535.0	570.0	8.9	8.7	7.5
R.I	6.0	5.0	5.5	6.0	5.0	5.5	14.1	13.2	15.1
S.C	26.0	35.0	32.0	26.0	33.0	32.0	12.0	13.8	11.3
Tenn	8.0	10.0	8.0	7.7	10.0	7.2	14.2	14.7	16.4
Utah	35.0	51.0	52.0	35.0	51.0	50.0	11.0	12.8	10.9
Vt	49.0	49.0	50.0	49.0	49.0	50.0	12.8	12.1	15.4
Va	515.0	470.0	420.0	515.0	470.0	420.0	8.0	8.5	7.8
Wash	2,148.0	2,619.0	3,020.0	2,148.0	2,619.0	3,020.0	12.6	12.7	7.7
W. Va	295.0	260.0	245.0	295.0	260.0	245.0	8.6	8.2	7.8
Wis	66.0	54.0	65.0	61.0	49.0	62.0	12.1	13.8	13.5
U.S	7,596.9	8,143.1	8,828.4	7,544.0	8,118.2	8,810.4	10.4	10.9	8.6

See footnotes on page 214.

**Table 293.—Apples, commercial crop: Total production by varieties, United States, 1974–80**

Variety	1974	1975	1976	1977	1978	1979	1980 <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>Million pounds</i>
Cortland	146.6	147.5	124.5	145.0	159.0	145.4	158.2
Delicious	2,126.9	2,631.8	2,456.7	2,306.1	2,642.4	2,900.0	3,494.9
Golden Delicious	1,079.1	1,115.2	1,167.7	1,209.0	1,240.8	1,456.7	1,506.9
Gravenstein	84.0	90.0	91.0	90.0	65.0	74.0	43.0
Jonathan	361.0	434.7	304.2	358.1	407.0	426.5	436.0
McIntosh	728.9	699.0	543.3	689.4	760.8	683.7	792.7
Northern Spy	93.2	102.7	80.0	104.8	109.6	122.8	112.0
R.I. Greening	117.0	150.6	95.0	121.0	173.0	139.0	149.0
Rome Beauty	494.2	608.3	480.9	471.8	569.8	593.4	637.2
Stayman	246.9	277.9	170.8	207.4	227.8	233.3	253.0
Winesap	166.7	193.4	157.5	148.4	161.7	141.6	149.3
Yellow Newtown	138.0	139.0	154.0	152.0	165.0	219.0	158.0
York Imperial	267.2	341.6	193.3	276.5	349.5	354.2	349.6
Other varieties	530.0	598.3	453.3	460.1	565.5	562.5	588.6
Total	6,579.7	7,530.0	6,472.2	6,739.6	7,596.9	8,143.1	8,828.4

<sup>1</sup>Preliminary.

Statistical Reporting Service.

Table 294.—Apples: Production and value, United States, 1966–80

Year	Apples, commercial crop <sup>1</sup>				Year	Apples, commercial crop <sup>1</sup>			
	Total production	Utilized production	Season average price <sup>2</sup>	Value		Total production	Utilized production	Season average price <sup>2</sup>	Value
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>
1966 . . . . .	5,761.4	5,650.2	4.47	252,579	1974 . . .	6,579.7	6,529.8	8.40	551,600
1967 . . . . .	5,436.0	5,405.5	5.57	300,856	1975 . . .	7,530.0	7,102.6	6.5	460,894
1968 . . . . .	5,469.0	5,446.4	6.11	332,663	1976 . . .	6,472.2	6,466.9	9.1	586,473
1969 . . . . .	6,819.6	6,709.4	4.06	272,345	1977 . . .	6,739.6	6,710.0	10.6	708,631
1970 . . . . .	6,397.7	6,258.4	4.54	283,869	1978 . . .	7,596.9	7,544.0	10.4	781,350
1971 . . . . .	6,373.2	6,082.7	4.92	299,154	1979 . . .	8,143.1	8,118.2	10.9	883,384
1972 . . . . .	5,878.8	5,867.5	6.43	377,475	1980 <sup>3</sup> . .	8,828.4	8,810.4	8.6	757,027
1973 . . . . .	6,265.0	6,251.5	8.80	548,965					

<sup>1</sup>In orchards of 100 or more bearing-age trees.

<sup>2</sup>Fresh fruit prices are equivalent returns at packinghouse-door for California, Oregon, and Washington; for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door.

<sup>3</sup>Preliminary.

Statistical Reporting Service.

Table 295.—Apples, fresh (dessert and cooking): Production in specified countries, 1978–80<sup>1</sup>

Continent and country	1978	1979	1980 <sup>2</sup>	Continent and country	1978	1979	1980 <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>
North America:				Europe—Continued			
Canada <sup>3</sup> . . . . .	452	435	500	Yugoslavia . . . . .	381	428	464
Mexico . . . . .	342	350	238	Total . . . . .	1,996	2,270	2,039
United States <sup>3</sup> . . . . .	3,446	3,694	3,949	Total Europe . . . . .	8,627	9,301	8,991
Total . . . . .	4,240	4,479	4,687	Asia:			
Europe:				Japan . . . . .	844	852	958
Belgium and Luxembourg	273	321	316	Turkey . . . . .	1,100	1,350	1,100
Denmark <sup>3</sup> . . . . .	81	87	65	Total . . . . .	1,944	2,202	2,058
France <sup>4</sup> . . . . .	1,768	1,716	1,810	Southern Hemisphere:			
Germany, Fed. Rep. of . . . . .	1,783	1,951	1,951	Argentina . . . . .	810	972	958
Italy . . . . .	1,874	2,023	1,910	Australia . . . . .	258	345	288
Netherlands . . . . .	510	570	575	Chile . . . . .	158	170	195
United Kingdom <sup>4</sup> . . . . .	342	363	325	New Zealand . . . . .	185	187	197
Total EC . . . . .	6,631	7,031	6,952	South Africa . . . . .	367	372	416
Austria <sup>4</sup> . . . . .	203	248	240	Total . . . . .	1,778	2,046	2,054
Greece . . . . .	174	280	259	Total specified countries	16,589	18,028	17,790
Norway . . . . .	59	36	41				
Spain . . . . .	1,015	1,097	881				
Sweden <sup>3</sup> . . . . .	34	51	34				
Switzerland <sup>3,4</sup> . . . . .	130	130	120				

<sup>1</sup>May include some cider varieties in countries not reporting separately.

<sup>2</sup>Preliminary.

<sup>3</sup>Commercial crop.

<sup>4</sup>Excludes cider apples reported separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

**Table 296.—Apples, commercial crop: Production and utilization, United States, 1966–80**

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	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>
1966 . . . . .	5,761.4	5,650.2	3,229.5	1,043.5	254.4	199.8	923.0
1967 . . . . .	5,436.0	5,405.5	3,178.3	1,106.8	159.6	258.1	702.7
1968 . . . . .	5,469.0	5,446.4	3,193.3	1,175.2	173.7	228.3	675.9
1969 . . . . .	6,819.6	6,709.4	3,700.7	1,399.7	282.7	246.7	<sup>3</sup> 1,079.6
1970 . . . . .	6,397.7	6,258.4	3,531.5	1,158.5	189.8	203.0	<sup>3</sup> 1,175.6
1971 . . . . .	6,373.2	6,082.7	3,483.9	1,093.5	96.2	190.5	<sup>3</sup> 1,218.6
1972 . . . . .	5,878.8	5,867.5	3,342.0	976.9	148.6	235.3	<sup>3</sup> 1,164.7
1973 . . . . .	6,265.0	6,251.5	3,539.4	1,255.4	247.7	259.2	<sup>3</sup> 949.8
1974 . . . . .	6,579.7	6,529.8	3,690.5	1,225.6	197.2	181.7	<sup>3</sup> 1,234.8
1975 . . . . .	7,530.0	7,102.6	4,357.0	1,026.7	229.5	206.6	<sup>3</sup> 1,282.8
1976 . . . . .	6,472.2	6,466.9	3,915.8	919.9	229.3	220.4	<sup>3</sup> 1,181.5
1977 . . . . .	6,739.6	6,710.0	3,859.6	1,075.9	225.5	160.9	<sup>3</sup> 1,388.1
1978 . . . . .	7,596.9	7,544.0	4,210.4	1,224.2	221.0	207.4	<sup>3</sup> 1,681.0
1979 . . . . .	8,143.1	8,118.2	4,304.6	1,336.7	255.7	136.6	<sup>3</sup> 2,084.6
1980 <sup>4</sup> . . . . .	8,828.4	8,810.4	4,962.1	1,226.4	197.7	167.5	<sup>3</sup> 2,256.7

<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): 1969—936.1; 1970—1,031.7; 1971—1,087.0; 1972—1,028.6; 1973—822.2; 1974—1,030.7; 1975—1,191.6; 1976—1,109.1; 1977—1,267.2; 1978—1,494.6; 1979—1,954.8; and 1980—2,096.9.  
<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 297.—Apples, commercial crop: Production and utilization, by States, crop of 1980 (preliminary)**

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>	<i>Million pounds</i>
Calif . . . . .	520.0	520.0	160.0	124.0	36.0	( <sup>3</sup> )	200.0	( <sup>3</sup> )
Mich . . . . .	900.0	900.0	340.0	119.0	.....	80.0	316.0	45.0
N.Y . . . . .	1,100.0	1,100.0	410.0	257.0	34.0	45.0	335.0	19.0
Oreg . . . . .	195.0	195.0	139.0	16.7	( <sup>3</sup> )	( <sup>3</sup> )	34.1	.....
Pa . . . . .	570.0	570.0	207.8	193.1	.....	5.3	161.9	1.9
Va . . . . .	420.0	420.0	132.0	163.9	.....	14.4	91.4	18.3
Wash . . . . .	3,020.0	3,020.0	2,270.0	113.0	.....	( <sup>3</sup> )	478.0	39.0
W. Va . . . . .	245.0	245.0	88.6	84.1	.....	13.5	56.2	2.6
Other States <sup>4</sup> . . . . .	1,858.4	1,840.4	1,214.7	155.6	127.7	9.3	424.3	34.0
U.S. . . . .	8,828.4	8,810.4	4,962.1	1,226.4	197.7	167.5	2,096.9	159.8

<sup>1</sup> Includes "Home use."  
<sup>2</sup> Mostly vinegar, wine, and jam.  
<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.  
<sup>4</sup> Arkansas, Colorado, Connecticut, Delaware, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Utah, Vermont, and Wisconsin.

Statistical Reporting Service.

Table 298.—Apples: International trade, 1977-79

Continent and country	1977		1978		1979	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<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 .....	47,887	66,708	56,085	74,488	54,906	96,082
United States .....	143,412	49,437	144,141	60,005	210,160	61,233
Total .....	191,299	116,145	200,226	134,493	265,066	157,315
South America:						
Argentina .....	325,622		339,213		318,646	
Brazil .....		202,565		190,217		183,117
Chile .....	76,460		116,122		124,907	
Total .....	402,082	202,565	455,335	190,217	442,953	183,117
Europe:						
Austria .....	2,852	57,984	118	72,292	586	50,175
Belgium and Luxembourg .....	54,233	124,233	54,784	134,662	52,674	118,623
Denmark .....	23,163	26,162	26,022	25,258	18,570	42,789
Finland .....	288	43,127	23	44,581	19	52,966
France:						
Table .....	495,901	149,335	540,342	110,976	793,770	71,057
Cider .....	254	15	6,620		27,861	5
Germany, Fed. Rep. of .....	36,639	620,634	41,007	590,841	28,233	536,402
Ireland .....	805	25,627	752	32,115	673	36,419
Italy .....	574,560	12,176	375,850	61,628	303,152	123,412
Netherlands .....	125,559	163,661	148,386	161,691	132,110	169,080
Norway .....	73	34,970	349	38,438	48	42,130
Sweden .....	2,692	62,692	1,632	59,655	1,949	66,472
Switzerland:						
Table <sup>1</sup> .....	2,129	28,498	2,988	18,591	777	12,516
Cider <sup>1</sup> .....	3,695	178	202	2	21	26
United Kingdom .....	13,598	339,295	18,803	343,656	17,988	372,262
Yugoslavia .....	25,197		8,450		3,495	
Total .....	1,361,638	1,688,587	1,226,319	1,684,386	1,381,926	1,694,334
Africa:						
South Africa .....	119,107	9	192,133	460	191,000	427
Asia:						
Hong Kong .....	9,536	50,756	5,921	44,202	4,850	51,304
Japan .....	2,269		25		2,269	514
Total .....	11,805	50,756	5,946	44,202	7,119	51,818
Oceania: <sup>2</sup>						
Australia .....	35,521		42,543		44,046	
New Zealand .....	59,467	908	80,539	1,507	92,573	2,034
Total .....	94,988	908	123,082	1,507	136,619	2,034
World total .....	2,180,919	2,058,970	2,203,041	2,055,265	2,424,683	2,089,045

<sup>1</sup> Includes pears. <sup>2</sup> Year ending June 30th of year shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



**Table 299.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1977/78-1979/80**

Country	Year beginning July			Country	Year beginning July		
	1977/78	1978/79	1979/80		1977/78	1978/79	1979/80
<b>EXPORTS</b>				<b>EXPORTS—Continued</b>			
Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Bermuda and Caribbean—	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Finland . . . . .	3,180	2,858	3,639	Continued			
France . . . . .	735	46	69	Netherlands Antilles . . . . .	882	1,001	1,650
Iceland . . . . .	1,445	1,370	1,337	Trinidad and Tobago . . . . .	885	944	1,676
Ireland . . . . .	1,410	951	1,030	Other countries . . . . .	73	86	32
Netherlands . . . . .	2,806	718	1,380	<b>Total . . . . .</b>	<b>4,373</b>	<b>4,866</b>	<b>6,529</b>
Norway . . . . .	3,429	2,834	4,719				
Sweden . . . . .	4,544	3,172	2,112	<b>Other countries:</b>			
United Kingdom . . . . .	8,318	6,164	7,014	Canada . . . . .	48,970	49,082	60,124
Other countries . . . . .	25	45	270	Taiwan . . . . .	1,850	3,091	64,629
<b>Total . . . . .</b>	<b>25,892</b>	<b>18,158</b>	<b>21,570</b>	Egypt . . . . .	218	913	1,054
				French Pacific Islands . . . . .	420	258	316
Latin America:				Hong Kong . . . . .	11,314	14,385	15,404
Brazil . . . . .	1,454	945	560	Indonesia . . . . .	2,507	2,297	1,701
Colombia . . . . .	4,064	3,721	5,499	Liberia . . . . .	117	98	143
Costa Rica . . . . .	496	888	960	Malaysia . . . . .	1,394	2,130	2,950
Ecuador . . . . .	859	771	1,095	New Zealand . . . . .	1,232	1,811	1,370
El Salvador . . . . .	53	251	722	Other Pacific Islands . . . . .	141	213	108
Guatemala . . . . .	835	1,459	1,223	Philippines . . . . .	521	594	384
Honduras . . . . .	813	1,127	1,077	Saudi Arabia . . . . .	18,543	16,782	18,983
Mexico . . . . .	8,155	4,673	8,307	Singapore . . . . .	5,297	4,461	7,168
Nicaragua . . . . .	459	131	102	Thailand . . . . .	1,222	32	36
Panama . . . . .	606	976	1,705	United Arab Emirates . . . . .	4	4,341	5,222
Surinam . . . . .	59	71	37	Other countries . . . . .	87	1,642	2,172 <sup>2</sup>
Venezuela . . . . .	7,963	4,064	5,446	<b>Total . . . . .</b>	<b>93,837</b>	<b>101,130</b>	<b>181,320</b>
Other countries . . . . .	21	44	316				
<b>Total . . . . .</b>	<b>25,837</b>	<b>19,121</b>	<b>27,049</b>	<b>Grand total . . . . .</b>	<b>149,939</b>	<b>143,275</b>	<b>236,468</b>
Bermuda and Caribbean:				<b>IMPORTS</b>			
Bahamas . . . . .	510	400	512	Australia . . . . .	384	89	67
Barbados . . . . .	156	303	381	Canada . . . . .	37,102	33,139	33,754
Bermuda . . . . .	447	176	162	Chile . . . . .	3,959	10,917	11,197
Dominican Republic . . . . .	1,181	1,473	1,325	France . . . . .		773	3,082
Haiti . . . . .	94	270	537	New Zealand . . . . .	8,571	8,235	14,570
Jamaica . . . . .	95	76	53	South Africa . . . . .	6,910	2,840	6,993
Leeward and Windward Islands . . . . .	50	137	201	Other countries . . . . .	217	166	27
				<b>Total . . . . .</b>	<b>57,143</b>	<b>56,159</b>	<b>69,690</b>

<sup>1</sup> Includes 381 tons to Kuwait.  
<sup>2</sup> Includes 839 tons to Japan.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 300.—Apples: <sup>1</sup> Foreign trade, United States, 1966-79**

Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports		Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports	
		Fresh	Dried, in terms of fresh <sup>1</sup>			Fresh	Dried, in terms of fresh <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>
1966 . . . . .	1,445	4,098	308	1973 . . . . .	1,941	3,714	285
1967 . . . . .	2,674	2,927	248	1974 . . . . .	1,605	4,873	172
1968 . . . . .	2,612	1,577	204	1975 . . . . .	2,563	4,705	172
1969 . . . . .	1,876	2,342	157	1976 <sup>2</sup> . . . . .	2,559	5,680	209
1970 . . . . .	2,104	2,099	192	1977 <sup>2</sup> . . . . .	2,923	6,538	377
1971 . . . . .	1,781	2,453	101	1978 <sup>2</sup> . . . . .	3,676	7,109	334
1972 . . . . .	2,349	3,111	346	1979 <sup>2</sup> . . . . .	3,270	10,899	254

<sup>1</sup> Dried converted to terms of fresh apples on following basis; 1 pound dried is equivalent to 8 pounds fresh; 48 pounds fresh equal 1 bushel. No re-exports reported.  
<sup>2</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 301.—Apricots: Production and value, United States, 1966–80<sup>1</sup>

Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value	Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	193,500	192,400	123.00	23,569	1974	93,550	93,550	270.00	25,281
1967	147,900	147,525	158.00	23,357	1975	182,600	175,600	214.00	37,609
1968	149,400	149,280	183.00	27,348	1976	154,500	128,350	200.00	25,689
1969	228,600	228,450	143.00	32,640	1977	147,300	141,300	210.00	29,671
1970	175,000	174,700	111.00	19,342	1978	126,200	126,200	249.00	31,364
1971	186,450	148,850	94.80	14,112	1979	144,200	144,200	273.00	39,341
1972	127,600	127,470	144.00	18,331	1980 <sup>3</sup>	119,000	119,000	283.00	33,705
1973	157,900	157,690	168.00	26,442					

<sup>1</sup> Production, price, and value for California, Utah, and Washington. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and equivalent returns for bulk fruit at the first delivery point for California. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 302.—Apricots: Production and season average price per ton, by States, 1978–80

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
Calif	123,000	140,000	115,000	123,000	140,000	115,000	247.00	269.00	280.00
Utah	500	1,700	1,500	500	1,700	1,500	460.00	480.00	360.00
Wash	2,700	2,500	2,500	2,700	2,500	2,500	279.00	346.00	386.00
Total	126,200	144,200	119,000	126,200	144,200	119,000	249.00	273.00	283.00

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and equivalent returns for bulk fruit at the first delivery point for California. Quantities processed are priced at the equivalent processing door level.

Statistical Reporting Service.

Table 303.—Apricots, fresh: Production in specified countries, 1978–80

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</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>
North America:				Asia:			
Canada	2.5	2.9	3.1	Turkey <sup>2</sup>	153.0	165.0	150.0
United States	114.6	131.1	108.0				
Total	117.1	134.0	111.1	Southern Hemisphere:			
Europe:				Argentina	23.0	25.0	24.0
Austria	14.1	12.4	30.0	Australia	24.8	31.0	27.0
France	79.0	58.7	70.6	Chile	14.4	14.8	14.5
Germany, Fed. Rep. of	3.0	1.2	2.6	New Zealand	5.0	6.7	6.5
Greece	46.0	77.0	84.0	South Africa	29.4	32.8	33.1
Italy	81.0	100.0	95.0	Total	96.6	110.3	105.1
Spain	227.0	151.0	124.0	Total specified countries	836.0	830.8	800.5
Switzerland	5.6	4.2	4.1				
Yugoslavia	13.6	17.0	24.0				
Total	469.3	421.5	434.3				

<sup>1</sup> Preliminary. <sup>2</sup> Includes wild apricots.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 304.—Apricots: Production and utilization, United States,<sup>1</sup> 1966–80**

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh <sup>2</sup>	Processed (fresh basis)		
				Canned <sup>3</sup>	Dried	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1966 .....	193,500	192,400	18,530	126,370	39,000	8,500
1967 .....	147,900	147,525	11,555	106,270	22,000	7,700
1968 .....	149,400	149,280	11,885	106,095	23,100	8,200
1969 .....	228,600	228,450	12,700	164,450	41,800	9,500
1970 .....	175,000	174,700	14,540	116,060	36,400	7,700
1971 .....	186,450	148,850	16,920	99,530	26,000	6,400
1972 .....	127,600	127,470	10,050	93,020	18,000	6,400
1973 .....	157,900	157,690	11,870	116,720	19,500	9,600
1974 .....	93,550	93,550	8,450	62,500	17,000	5,600
1975 .....	182,600	175,600	10,100	122,800	28,500	14,200
1976 .....	154,500	128,350	12,660	76,290	29,300	10,100
1977 .....	147,300	141,300	11,960	79,340	39,500	10,500
1978 .....	126,200	126,200	9,200	78,500	30,000	8,500
1979 .....	144,200	144,200	10,890	84,310	39,000	10,000
1980 <sup>4</sup> .....	119,000	119,000	11,730	75,170	25,000	7,100

<sup>1</sup> California, Utah, and Washington.<sup>2</sup> Includes "Home use."<sup>3</sup> Includes some quantities frozen or otherwise processed.<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 305.—Apricots: Production and utilization, by States, crop of 1980 (preliminary)**

State	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)		
				Canned <sup>1</sup>	Dried	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Calif. ....	115,000	115,000	8,100	74,800	25,000	7,100
Utah .....	1,500	1,500	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....
Wash .....	2,500	2,500	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....
U.S. ....	119,000	119,000	11,730	75,170	25,000	7,100

<sup>1</sup> Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations.<sup>2</sup> Missing data not published to avoid disclosure of individual operations, but included in U.S. total.

Statistical Reporting Service.

Table 306.—Apricots: Foreign trade, United States, 1966-79

Year beginning July	Domestic exports					Year beginning July	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>		Fresh	Canned <sup>1</sup>	Dried <sup>1</sup>	Dried in fruit salad <sup>2</sup>	Total, in terms of fresh <sup>3</sup>
	1,000 tons	1,000 pounds	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 pounds	1,000 tons	1,000 tons	1,000 tons
1966 . . . . .	2,002	6,004	1,293	335	12,522	1973 . . .	2,244	5,182	919	243	10,075
1967 . . . . .	1,338	2,710	613	310	7,053	1974 . . .	1,451	1,450	587	238	6,212
1968 . . . . .	955	2,471	460	243	5,455	1975 . . .	2,924	2,111	880	250	9,489
1969 . . . . .	4,012	4,216	693	266	10,452	1976 <sup>4</sup> . . .	1,992	2,405	1,164	220	9,968
1970 . . . . .	2,139	2,746	525	209	6,896	1977 <sup>4</sup> . . .	( <sup>5</sup> )	2,739	( <sup>5</sup> )	253	2,282
1971 . . . . .	3,501	4,262	609	224	9,311	1978 <sup>4</sup> . . .	( <sup>5</sup> )	4,960	( <sup>5</sup> )	191	2,760
1972 . . . . .	1,668	5,520	919	215	9,476	1979 <sup>4</sup> . . .	( <sup>5</sup> )	2,041	( <sup>5</sup> )	326	2,407

<sup>1</sup> Net processed weight.<sup>2</sup> Dried apricots are 12<sup>1</sup>/<sub>3</sub> 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.<sup>4</sup> Year beginning October.<sup>5</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 307.—Avocados: Production, season average price per ton, and value, United States, 1966-67 to 1980-81

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
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1966-67 . . . . .	74,500	202	15,049	5,800	224	1,299	80,300	204	16,348
1967-68 . . . . .	37,400	460	17,204	14,700	188	2,764	52,100	383	19,968
1968-69 . . . . .	61,100	300	18,300	12,600	237	2,986	73,700	289	21,316
1969-70 . . . . .	31,700	682	21,619	14,000	288	4,032	45,700	561	25,651
1970-71 . . . . .	67,000	376	25,192	18,800	290	5,452	85,800	357	30,644
1971-72 . . . . .	26,100	952	24,847	19,300	338	6,523	45,400	691	31,370
1972-73 . . . . .	70,500	546	38,493	18,800	321	6,035	89,300	499	44,528
1973-74 . . . . .	53,400	793	42,346	20,300	355	7,207	73,700	672	49,553
1974-75 . . . . .	105,500	475	50,113	21,900	327	7,161	127,400	450	57,274
1975-76 . . . . .	58,400	1,037	60,561	29,000	400	11,600	87,400	826	72,161
1976-77 . . . . .	120,000	593	71,160	21,100	410	8,651	141,100	566	79,811
1977-78 . . . . .	107,000	740	79,180	10,700	690	7,383	117,700	735	86,563
1978-79 . . . . .	123,000	691	84,993	23,100	400	9,240	146,100	645	94,233
1979-80 . . . . .	75,000	1,496	112,200	27,300	597	16,298	102,300	1,256	128,498
1980-81 <sup>4</sup> . . . . .	250,000	420	105,000	30,800	529	16,293	280,800	432	121,293

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point. 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.

Statistical Reporting Service.

Table 308.—Avocados: Foreign trade, United States, 1966-79

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>1,000 tons</i>		<i>1,000 tons</i>		<i>1,000 tons</i>
1966 .....	295	1971 .....	1,132	1976 <sup>1</sup> .....	2,198
1967 .....	187	1972 .....	976	1977 <sup>1</sup> .....	3,486
1968 .....	100	1973 .....	1,126	1978 <sup>1</sup> .....	1,890
1969 .....	399	1974 .....	1,660	1979 <sup>1</sup> .....	1,554
1970 .....	572	1975 .....	1,471		

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 309.—Bananas: Area, yield, production, price and value, Hawaii, 1966-80

Year	Area harvested	Yield per acre	Production	Price per pound	Value	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>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966 .....	1,010	8.6	8,730	7.7	668	1974 ...	610	10.8	6,600	13.1	865
1967 .....	1,010	8.0	8,095	7.0	567	1975 ...	630	9.8	6,200	13.8	856
1968 .....	965	6.7	6,485	7.7	499	1976 ...	560	9.0	5,030	15.5	780
1969 .....	930	6.6	6,170	9.4	580	1977 ...	550	10.5	5,800	15.6	905
1970 .....	760	7.4	5,600	10.6	594	1978 ...	580	9.8	5,700	18.5	1,055
1971 .....	725	8.1	5,865	11.6	680	1979 ...	630	8.8	5,550	20.5	1,138
1972 .....	720	8.3	6,000	12.0	720	1980 <sup>1</sup> ...	580	7.9	4,600	23.9	1,099
1973 .....	660	11.1	7,295	10.6	773						

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 310.—Bushberries: Area, yield, production, utilization, price, and value, United States, 1966-80

Year	Area harvested	Yield per acre <sup>1</sup>	Production		Utilization		Price per pound <sup>2</sup>	Value
			Total	Utilized	Fresh	Processed		
	<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>Cents</i>	<i>1,000 dollars</i>
1966 .....	18,810	5,243	98,619	92,879	2,801	90,078	15.0	13,955
1967 .....	18,390	4,801	88,282	83,953	3,803	80,150	13.3	11,142
1968 .....	16,950	4,418	75,873	74,886	3,760	71,126	16.5	12,378
1969 .....	16,480	5,213	86,044	85,904	3,790	82,114	23.5	20,148
1970 .....	16,160	4,892	79,365	79,061	3,717	75,344	18.5	14,653
1971 .....	15,410	4,387	69,016	67,607	4,153	63,454	18.1	12,258
1972 .....	14,090	4,421	62,585	62,221	4,301	57,990	28.8	17,925
1973 .....	11,710	3,694	43,694	43,260	3,722	39,538	46.4	20,061
1974 .....	13,570	4,802	66,019	65,168	3,814	61,354	29.7	19,371
1975 .....	12,100	5,180	66,070	62,672	3,923	58,749	22.0	13,789
1976 .....	11,030	5,218	57,985	57,555	4,078	52,477	30.7	17,643
1977 .....	10,960	5,314	58,921	58,245	3,716	54,529	48.6	28,299
1978 <sup>3</sup> .....	46,580	2,857	133,556	133,085	31,478	101,607	62.5	83,222
1979 .....	46,710	2,910	136,714	135,947	38,928	97,019	54.8	74,488
1980 <sup>4</sup> .....	48,410	3,327	167,605	161,040	46,629	114,411	38.7	62,263

<sup>1</sup> Yield is derived from total production through 1967; beginning 1968, yield is derived from utilized production.

<sup>2</sup> Price per pound is derived.

<sup>3</sup> Maine, Michigan, New Jersey, North Carolina, and Oregon added to the Bushberry program for blueberry estimates. Prior to 1978, Oregon and Washington only.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 311.—Bushberries: Area, yield, production, utilization, price, and value, by States, 1980 (preliminary)

Crop and State	Area harvested	Yield per acre	Production		Utilization		Price per pound	Value
			Total	Utilized	Fresh	Processed		
BLACKBERRIES, CULTIVATED								
Oreg . . . . .	3,400	8,470	32,000	28,800	400	28,400	20.4	5,875
Wash . . . . .	160	5,300	848	848	40	808	15.9	135
Total . . . . .	3,560	8,328	32,848	29,648	440	29,208	20.3	6,010
BLUEBERRIES								
Maine . . . . .	14,800	1,220	18,000	18,000		18,000	36.0	6,480
Mich . . . . .	9,400	4,360	41,000	41,000	14,500	26,500	34.4	14,104
N.J. . . . .	8,100	3,210	26,000	26,000	20,000	6,000	61.0	15,860
N.C. . . . .	3,000	1,990	6,000	5,970	5,520	450	81.8	4,883
Oreg . . . . .	550	5,450	3,200	3,000	1,400	1,600	46.5	1,395
Wash . . . . .	800	6,380	5,335	5,100	1,765	3,335	53.6	2,734
Total . . . . .	36,650	2,703	99,535	99,070	43,185	55,885	45.9	45,456
BOYSENBERRIES AND YOUNGBERRIES								
Oreg . . . . .	1,000	3,500	3,800	3,500	100	3,400	30.4	1,064
CURRANTS								
Wash . . . . .	60	1,620	97	97	2	95	45.1	44
LOGANBERRIES								
Oreg . . . . .	420	5,360	2,250	2,250	30	2,220	24.0	540
BLACK RASPBERRIES								
Oreg . . . . .	1,700	1,820	3,100	3,100	30	3,070	45.5	1,411
Wash . . . . .	120	1,460	175	175	2	173	41.0	72
Total . . . . .	1,820	1,799	3,275	3,275	32	3,243	45.3	1,483
RED RASPBERRIES								
Oreg . . . . .	2,100	5,050	11,000	10,600	600	10,000	28.1	2,979
Wash . . . . .	2,800	4,500	14,800	12,600	2,240	10,360	37.2	4,687
Total . . . . .	4,900	4,735	25,800	23,200	2,840	20,360	33.0	7,666

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 292

<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 Oregon and Washington, equivalent returns for bulk fruit at first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 312.—Cherries: Production and value, United States, 1966–80

Year	All varieties			Sweet varieties				Tart varieties			
	Total production	Utilized production	Value	Total production	Utilized production	Season average price per ton <sup>1</sup>	Value	Total production	Utilized production	Season average price per pound <sup>1</sup>	Value
	Tons	Tons	1,000 dollars	Tons	Tons	Dollars	1,000 dollars	Million pounds	Million pounds	Cents	1,000 dollars
1966	205,910	200,546	67,833	115,910	111,050	389.00	43,237	180.0	179.0	13.7	24,596
1967	199,980	199,143	76,167	110,990	110,153	400.00	44,113	178.0	178.0	17.4	31,054
1968	228,891	228,464	81,282	91,121	90,810	436.00	39,548	275.5	275.3	15.2	41,734
1969	285,860	278,210	66,429	128,310	126,960	338.00	42,886	315.1	302.5	7.8	23,543
1970	246,660	239,430	60,985	122,260	121,530	355.00	43,173	248.8	235.8	7.6	17,812
1971	279,940	277,990	70,963	141,290	139,990	315.00	44,047	277.3	276.0	9.8	26,916
1972	251,950	230,140	58,737	96,050	95,840	382.00	36,649	311.8	268.6	8.2	22,088
1973	245,930	241,330	88,276	158,630	154,630	358.00	55,331	174.6	173.4	19.0	32,945
1974	279,430	279,280	113,025	146,980	146,980	436.00	64,057	264.9	264.6	18.5	48,968
1975	300,960	278,760	88,486	155,710	155,710	407.00	63,398	290.5	246.1	10.2	25,088
1976	245,610	240,380	101,038	172,310	167,080	384.00	64,232	146.6	146.6	25.1	36,806
1977	254,370	253,870	135,363	148,920	148,420	495.00	73,414	210.9	210.9	29.4	61,949
1978	247,380	247,380	187,162	156,780	156,780	688.00	107,828	181.2	181.2	43.8	79,334
1979	267,180	267,030	189,717	181,980	181,830	601.00	109,212	170.4	170.4	47.2	80,505
1980 <sup>2</sup>	280,750	274,400	135,460	171,700	166,300	552.00	91,812	218.1	216.2	20.2	43,648

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California sweet cherries, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 313.—Cherries: Production and season average price, by States, 1978–80

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
<b>SWEET VARIETIES</b>									
Calif.	14,000	34,300	44,000	14,000	34,300	44,000	1,012.00	806.00	629.00
Colo.	150	.....	.....	150	.....	.....	1,048.00	.....	.....
Idaho	2,500	3,000	3,100	2,500	3,000	3,100	691.00	549.00	677.00
Mich.	37,500	27,000	29,000	37,500	27,000	29,000	458.00	407.00	354.00
Mont.	1,850	2,950	700	1,850	2,950	700	701.00	682.00	621.00
N. Y.	3,500	4,200	5,100	3,500	4,050	4,050	543.00	447.00	450.00
Oreg.	35,000	38,000	33,000	35,000	38,000	31,800	630.00	544.00	500.00
Pa.	580	730	700	580	730	700	948.00	1,122.00	1,090.00
Utah	2,400	4,200	4,100	2,400	4,200	4,100	765.00	599.00	601.00
Wash.	59,300	67,600	52,000	59,300	67,600	48,300	792.00	608.00	624.00
Total 10 States	156,780	181,980	171,700	156,780	181,830	166,300	688.00	601.00	552.00
<b>TART VARIETIES</b>									
Colo.	1.3	1.7	2.0	1.3	1.7	1.8	41.6	44.2	21.7
Mich.	128.0	100.0	150.0	128.0	100.0	149.0	44.4	48.5	20.4
N. Y.	18.9	27.3	30.4	18.9	27.3	30.4	42.9	46.2	19.1
Ohio <sup>3</sup>	2	.....	.....	2	.....	.....	60.0	.....	.....
Oreg.	3.8	3.5	5.0	3.8	3.5	5.0	39.4	43.4	20.3
Pa.	6.2	6.3	5.6	6.2	6.3	5.6	41.7	49.6	27.5
Utah	11.3	17.0	13.0	11.3	17.0	12.9	39.0	43.6	18.3
Wis.	11.5	14.6	12.1	11.5	14.6	11.5	45.6	45.1	18.6
Total 8 States	181.2	170.4	218.1	181.2	170.4	216.2	43.8	47.2	20.2

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Estimates discontinued after 1978 crop.

Statistical Reporting Service.

Table 314.—Cherries, fresh: Production in specified countries, 1978-80

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</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>
North America:				Europe—Continued			
Canada .....	14.5	18.7	20.5	Yugoslavia .....	85.7	110.0	95.0
United States .....	222.9	242.9	254.7	Total .....	708.9	790.9	755.3
Total .....	237.4	261.6	275.2	Asia:			
Europe:				Japan .....	15.7	17.4	15.1
Austria .....	25.1	26.6	27.0	Turkey .....	141.0	140.0	150.0
Belgium and Luxembourg ..	10.2	13.3	14.0	Total .....	156.7	157.4	165.1
Denmark .....	6.7	5.4	5.1	Southern Hemisphere:			
France .....	83.6	112.0	106.0	Argentina .....	2.3	2.7	3.0
Germany, Fed. Rep. of .....	259.3	261.1	241.5	Australia .....	7.3	9.0	8.0
Greece .....	22.0	31.0	26.2	Chile .....	5.0	5.7	5.5
Italy .....	102.8	113.0	140.0	Total .....	14.6	17.4	16.5
Netherlands .....	2.8	2.0	1.2	Total specified countries	1,117.6	1,227.3	1,212.1
Norway .....	5.7	4.1	5.3				
Spain .....	77.0	78.0	67.0				
Switzerland .....	24.6	27.7	20.0				
United Kingdom .....	3.4	6.7	7.0				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 315.—Cherries: Foreign trade, United States, 1966-79

Year beginning July	Imports		Domestic exports		Year beginning July	Imports		Domestic exports	
	Natural, sulfured, or in brine	Dried or preserved	Canned	Fresh		Natural, sulfured, or in brine	Dried or preserved	Canned	Fresh
	<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>
1966 .....	5,180	8,404	3,786	4,620	1973 .....	919	3,585	2,463	12,824
1967 .....	5,626	8,623	3,990	3,727	1974 .....	261	2,747	2,606	15,422
1968 .....	11,033	9,138	3,155	5,180	1975 .....	285	1,667	2,052	14,733
1969 .....	2,696	8,421	15,072	7,337	1976 <sup>1</sup> .....	167	1,282	3,124	11,961
1970 .....	3,432	7,674	2,304	6,293	1977 <sup>1</sup> .....	227	477	3,742	15,801
1971 .....	1,539	6,991	1,619	8,988	1978 <sup>1</sup> .....	2,566	1,287	5,280	23,563
1972 .....	2,201	7,636	9,457	15,989	1979 <sup>1</sup> .....	1,424	269	5,902	20,051

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 317

<sup>1</sup> Includes "Home use."<sup>2</sup> Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc.<sup>3</sup> Colorado, Idaho, Montana, New York, Pennsylvania, and Utah.<sup>4</sup> Colorado, Ohio, Oregon, Pennsylvania, Utah, and Wisconsin.

Statistical Reporting Service.



Table 316.—Cherries: Production and utilization, United States,<sup>1</sup> 1966-80

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh <sup>2</sup>	Processed (fresh basis)		
				Canned <sup>3</sup>	Frozen	Brined <sup>4</sup>
<b>SWEET VARIETIES</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1966	115,910	111,050	44,138	12,543		54,369
1967	110,990	110,153	42,202	14,492		53,459
1968	91,121	90,810	35,733	11,115		43,962
1969	128,310	126,960	49,820	19,335		57,805
1970	122,260	121,530	48,292	11,833		61,405
1971	141,290	139,990	68,627	512,998		58,365
1972	96,050	95,840	41,668	11,017		43,155
1973	158,630	154,630	82,839	16,948		54,843
1974	146,980	146,980	67,516	25,864		53,600
1975	155,710	155,710	77,300	14,520		63,890
1976	172,310	167,080	94,510	21,180		51,390
1977	148,920	148,420	72,320	21,990		54,110
1978	156,780	156,780	66,670	28,060		62,050
1979	181,980	181,830	83,830	22,900		75,100
1980 <sup>6</sup>	171,700	166,300	84,460	22,340		59,500
<b>TART VARIETIES</b>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1966	180.0	179.0	13.2	73.5	92.3	
1967	178.0	178.0	9.3	60.8	107.9	
1968	275.5	275.3	11.5	96.8	167.0	
1969	315.1	302.5	9.5	126.7	166.3	
1970	248.8	235.8	10.0	86.7	139.1	
1971	277.3	276.0	8.8	82.5	184.7	
1972	311.8	268.6	6.3	96.1	166.2	
1973	174.6	173.4	5.4	51.9	116.1	
1974	264.9	264.6	4.4	97.6	162.6	
1975	290.5	246.1	7.2	89.7	149.2	
1976	146.6	146.6	6.0	42.4	98.2	
1977	210.9	210.9	6.1	65.5	139.3	
1978	181.2	181.2	5.0	49.9	126.3	
1979	170.4	170.4	4.3	49.8	116.3	
1980 <sup>6</sup>	218.1	216.2	6.3	74.5	135.4	

<sup>1</sup> California, Colorado, Idaho, Michigan, Montana, New York, Ohio, Oregon, Pennsylvania, Utah, Washington, and Wisconsin. <sup>2</sup> Includes "Home use." <sup>3</sup> For tart varieties, includes small quantities brined or used for juice, wine, preserves, and candied cherries. <sup>4</sup> Sweet varieties include small quantities used for juice, wine, brandy, canning, etc., through 1970; beginning 1971, brined only. <sup>5</sup> Sweet varieties, beginning 1971, includes small quantities used for juice, wine, brandy, etc. <sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 317.—Cherries: Production and utilization, by States, crop of 1980 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh <sup>1</sup>	Processed (fresh basis)		
				Canned and otherwise processed <sup>2</sup>	Frozen	Brined
<b>SWEET VARIETIES</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Calif.	44,000	44,000	30,400			13,600
Mich	29,000	29,000	2,000	9,900		17,100
Oreg	33,000	31,800	7,400	5,550		18,850
Wash	52,000	48,300	37,200	5,800		5,300
Other States <sup>3</sup>	13,700	13,200	7,460	1,090		4,650
<b>U.S.</b>	<b>171,700</b>	<b>166,300</b>	<b>84,460</b>	<b>22,340</b>		<b>59,500</b>
<b>TART VARIETIES</b>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Mich	150.0	149.0	4.0	54.0	91.0	
N.Y.	30.4	30.4	.1	11.0	19.3	
Other States <sup>4</sup>	37.7	36.8	2.2	9.5	25.1	
<b>U.S.</b>	<b>218.1</b>	<b>216.2</b>	<b>6.3</b>	<b>74.5</b>	<b>135.4</b>	

See footnotes on page 216.

Table 318.—Citrus fruits: Production and value, United States, for season of 1966-67 to 1979-80

Season <sup>1</sup>	Production	Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>	Production	Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>
	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 boxes</i>
1966-67 . . . . .	182,850	1.84	337,309	134,063	55,676	1.38	76,586	30,438
1967-68 . . . . .	124,490	3.08	383,807	91,698	44,058	2.54	111,787	21,827
1968-69 . . . . .	183,760	2.43	446,972	138,621	54,170	1.68	90,842	31,503
1969-70 . . . . .	185,770	2.09	388,313	141,064	53,910	2.24	120,994	30,201
1970-71 . . . . .	189,430	2.45	463,506	145,529	60,560	2.40	145,287	36,142
1971-72 . . . . .	191,450	2.87	549,369	148,015	64,250	2.89	185,890	37,279
1972-73 . . . . .	224,660	2.69	603,305	182,263	65,640	2.70	177,055	38,219
1973-74 . . . . .	116,210	2.78	600,691	171,323	65,500	2.41	157,673	37,808
1974-75 . . . . .	237,810	2.75	653,759	183,457	61,610	2.51	154,439	33,223
1975-76 . . . . .	242,780	2.80	678,717	192,540	70,080	2.21	154,802	37,536
1976-77 . . . . .	242,950	3.34	811,196	195,782	74,600	2.35	175,467	46,042
1977-78 . . . . .	220,120	5.45	1,198,657	175,549	74,660	2.54	189,692	44,382
1978-79 . . . . .	210,600	6.15	1,296,044	170,359	67,380	3.44	231,616	38,850
1979-80 <sup>5</sup> . . . . .	273,830	4.76	1,304,177	219,360	73,200	4.10	300,175	44,719
	Lemons				Limes			
1966-67 . . . . .	17,910	3.28	58,685	8,623	420	6.44	2,705	147
1967-68 . . . . .	16,850	3.85	64,939	7,452	720	4.49	3,233	377
1968-69 . . . . .	15,810	4.41	69,694	6,931	700	4.51	3,157	320
1969-70 . . . . .	15,120	4.85	73,294	5,879	725	5.71	4,140	351
1970-71 . . . . .	16,450	4.98	81,960	6,770	880	4.70	4,136	485
1971-72 . . . . .	16,680	4.81	80,266	7,070	1,100	5.49	6,039	626
1972-73 . . . . .	22,200	4.38	97,126	11,232	1,100	6.10	6,710	583
1973-74 . . . . .	17,800	6.17	109,851	6,666	1,050	7.20	7,560	571
1974-75 . . . . .	29,400	3.85	113,226	17,880	1,100	7.62	8,382	607
1975-76 . . . . .	17,620	5.79	101,949	6,685	1,080	9.27	10,012	494
1976-77 . . . . .	26,000	3.56	92,500	12,910	1,000	11.61	11,610	486
1977-78 . . . . .	26,100	4.24	110,635	13,900	460	19.11	8,791	120
1978-79 . . . . .	19,600	6.87	134,573	7,630	720	16.16	11,635	239
1979-80 <sup>5</sup> . . . . .	20,750	7.77	161,319	10,045	1,100	12.55	13,805	478
	Tangerines				Tangelos			
1966-67 . . . . .	4,960	2.60	12,894	1,288	1,700	2.34	3,978	406
1967-68 . . . . .	3,590	5.55	19,921	801	1,700	4.00	6,800	285
1968-69 . . . . .	4,330	4.10	17,766	1,348	1,800	3.39	6,102	586
1969-70 . . . . .	4,200	3.70	15,556	1,123	2,500	2.13	5,325	1,103
1970-71 . . . . .	5,230	3.52	18,386	1,612	2,700	2.09	5,643	1,093
1971-72 . . . . .	5,030	4.53	22,767	1,659	3,600	2.75	9,900	1,882
1972-73 . . . . .	5,130	4.04	20,729	1,894	3,100	2.52	7,812	1,667
1973-74 . . . . .	4,840	4.76	23,032	1,280	3,700	2.50	9,250	2,104
1974-75 . . . . .	5,250	4.50	23,618	1,629	4,700	2.63	12,361	2,337
1975-76 . . . . .	5,360	4.85	25,976	1,728	5,500	2.52	13,860	3,255
1976-77 . . . . .	5,770	5.56	32,104	1,753	4,800	2.77	13,296	2,505
1977-78 . . . . .	5,200	6.84	35,560	2,069	4,900	4.72	23,128	2,913
1978-79 . . . . .	5,400	8.07	43,560	2,309	4,200	5.55	23,310	2,479
1979-80 <sup>5</sup> . . . . .	6,300	5.96	37,559	2,736	6,400	4.19	26,816	4,593
	Temples							
1966-67 . . . . .	5,000	1.51	7,550	1,998				
1967-68 . . . . .	4,500	3.56	16,020	1,699				
1968-69 . . . . .	4,500	3.08	13,860	2,397				
1969-70 . . . . .	5,200	2.31	12,012	2,377				
1970-71 . . . . .	5,000	2.78	13,900	2,768				
1971-72 . . . . .	5,300	2.89	15,317	3,517				
1972-73 . . . . .	5,100	3.06	15,606	2,655				
1973-74 . . . . .	5,300	2.80	14,840	3,375				
1974-75 . . . . .	5,300	2.75	14,575	3,392				
1975-76 . . . . .	5,500	2.89	15,895	3,171				
1976-77 . . . . .	3,800	3.39	12,882	2,616				
1977-78 . . . . .	4,900	5.35	26,215	2,851				
1978-79 . . . . .	4,700	6.49	30,503	2,565				
1979-80 <sup>5</sup> . . . . .	6,000	4.17	25,020	3,216				

See footnotes on page 221.

Table 319.—Citrus fruits: Production and season average returns per box, by States, 1977-78 to 1979-80

Crop and State	Production of crop for season <sup>1</sup> of—			Price <sup>3</sup> of crop for season of—		
	1977-78	1978-79	1979-80 <sup>2</sup>	1977-78	1978-79	1979-80 <sup>2</sup>
ORANGES						
Early, midseason, and Navel varieties: <sup>4</sup>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ariz . . . . .	820	700	850	6.63	8.90	5.15
Calif . . . . .	20,000	20,800	32,600	5.99	7.05	4.13
Fla . . . . .	88,300	91,000	117,900	5.15	5.84	4.89
Tex . . . . .	3,850	4,300	2,300	3.81	4.30	5.33
Total above varieties <sup>5</sup> . . . . .	112,970	116,800	153,650	5.26	6.02	4.74
Valencia:						
Ariz . . . . .	2,800	2,200	2,650	4.94	5.08	2.46
Calif . . . . .	22,600	16,500	27,000	5.76	6.67	3.33
Fla . . . . .	79,500	73,000	88,800	5.65	6.35	5.32
Tex . . . . .	2,250	2,100	1,730	4.81	4.03	4.35
Total Valencia <sup>5</sup> . . . . .	107,150	93,800	120,180	5.64	6.32	4.80
All oranges:						
Ariz . . . . .	3,620	2,900	3,500	5.32	6.00	3.11
Calif . . . . .	42,600	37,300	59,600	5.87	6.88	3.77
Fla . . . . .	167,800	164,000	206,700	5.39	6.07	5.07
Tex . . . . .	6,100	6,400	4,030	4.18	4.21	4.91
U.S., all oranges <sup>5</sup> . . . . .	220,120	210,600	273,830	5.45	6.15	4.76
GRAPEFRUIT						
Ariz . . . . .	3,000	2,250	3,000	1.34	2.89	2.59
Calif., all . . . . .	8,360	6,130	7,500	3.48	4.97	2.96
Desert . . . . .	4,200	3,260	4,200	1.73	3.64	2.33
Other areas . . . . .	4,160	2,870	3,300	5.24	6.48	3.77
Fla., all . . . . .	51,400	50,000	54,800	2.68	3.54	4.45
Pink seedless . . . . .	14,300	13,300	15,800	3.14	4.29	5.04
White seedless . . . . .	28,700	29,400	31,100	2.52	3.35	4.27
Other . . . . .	8,400	7,300	7,900	2.45	2.94	3.99
Tex . . . . .	11,900	9,000	7,900	1.58	1.96	3.32
U.S., all grapefruit <sup>6</sup> . . . . .	74,660	67,380	73,200	2.54	3.44	4.10
LEMONS						
Ariz . . . . .	5,800	5,500	3,050	3.08	4.01	8.09
Calif . . . . .	20,300	14,100	17,700	4.57	7.98	7.72
U.S., lemons <sup>5</sup> . . . . .	26,100	19,600	20,750	4.24	6.87	7.77
LIMES						
Fla . . . . .	460	720	1,100	19.11	16.16	12.55
TANGELOS						
Fla . . . . .	4,900	4,200	6,400	4.72	5.55	4.19
TANGERINES						
Ariz . . . . .	600	450	750	7.72	7.74	4.33
Calif . . . . .	1,400	1,450	1,650	6.32	10.26	5.10
Fla . . . . .	3,200	3,500	3,900	6.90	7.20	6.64
U.S., tangerines <sup>6</sup> . . . . .	5,200	5,400	6,300	6.84	8.07	5.96
TEMPLES						
Fla . . . . .	4,900	4,700	6,000	5.35	6.49	4.17

<sup>1</sup>Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in late October of the first year shown and continues into December of the following year. In other States, harvest of oranges begins about Oct. 1 and ends in early summer. Grapefruit harvest for the California Desert and for other States begins in the fall and ends by early summer. Harvest of other California grapefruit begins in March of the year after bloom through October. California lemons are harvested from Aug. 1 to July 31; Arizona lemons are harvested from Aug. 15 to Feb. 1. Florida limes are picked mostly from April through March. Florida tangelos are harvested largely from October through April.

<sup>2</sup>Preliminary.

<sup>3</sup>Equivalent returns per box at the intake packinghouse door for all methods of sale.

<sup>4</sup>Navel and miscellaneous varieties in Arizona and California; early and midseason varieties in Florida and Texas, including small quantities of tangerines in Texas.

<sup>5</sup>Net content of box varies. Approximate averages are as follows: Oranges—Arizona and California, 75 pounds; Florida, 90 pounds; and Texas, 85 pounds; grapefruit—Arizona and California Desert, 64 pounds; other California areas, 67 pounds; Florida, 85 pounds; Texas, 80 pounds; lemons—76 pounds; limes—80 pounds; tangelos—90 pounds; tangerines—Arizona and California, 75 pounds; Florida, 95 pounds; and temples—90 pounds.

Statistical Reporting Service.

Table 320.—Citrus fruits: Production in specified countries, 1978-80<sup>1</sup>

Commodity and country	1978	1979	1980 <sup>2</sup>	Commodity and country	1978	1979	1980 <sup>2</sup>
ORANGES, INCLUDING TANGERINES	1,000 <i>metric tons</i>	1,000 <i>metric tons</i>	1,000 <i>metric tons</i>	GRAPEFRUIT—continued	1,000 <i>metric tons</i>	1,000 <i>metric tons</i>	1,000 <i>metric tons</i>
North America:				South America:			
Belize .....	23	45	41	Argentina .....	145	125	113
Jamaica .....	37	47	38	Other Southern Hemisphere:			
Mexico <sup>3</sup> .....	1,398	1,820	1,720	Australia .....	23	26	27
United States .....	8,525	10,990	9,669	South Africa .....	91	87	98
Total .....	9,983	12,902	11,468	Total .....	114	113	125
Mediterranean area:				Southern Hemisphere ..	259	238	238
Cyprus .....	114	115	122	World total .....	3,506	3,745	3,490
Egypt .....	928	1,148	1,210	LEMONS			
Greece .....	506	360	632	North America:			
Israel .....	992	962	968	United States .....	676	715	1,051
Italy .....	1,959	2,104	2,160	Mediterranean area:			
Morocco .....	827	993	893	Cyprus .....	32	32	30
Spain .....	2,526	2,490	2,599	Greece .....	134	144	177
Turkey .....	806	835	810	Israel .....	46	53	40
Total .....	8,658	9,007	9,394	Italy .....	769	767	725
Far East:				Morocco .....	3	3	9
Japan .....	3,637	4,278	3,923	Spain .....	286	307	342
Northern Hemisphere ..	22,278	26,187	24,785	Turkey .....	170	220	160
South America:				Total .....	1,440	1,526	1,483
Argentina .....	670	706	760	Northern Hemisphere ..	2,116	2,241	2,534
Brazil <sup>4</sup> .....	6	7	7	South America:			
Chile .....	45	51	45	Argentina .....	280	299	355
Total .....	721	764	812	Chile .....	65	69	55
Other Southern Hemisphere:				Total .....	345	368	410
Australia .....	451	412	391	Other Southern Hemisphere:			
South Africa .....	600	521	593	Australia .....	37	48	45
Total .....	1,051	933	984	South Africa .....	34	30	35
Southern Hemisphere ..	1,772	1,697	1,796	Total .....	71	78	80
World total .....	24,050	27,884	26,581	Southern Hemisphere ..	416	446	490
GRAPEFRUIT				World total .....	2,532	2,687	3,024
North America:							
Belize .....	7	15	18				
Jamaica .....	20	22	20				
Mexico <sup>3</sup> .....	125	149	140				
United States .....	2,501	2,709	2,486				
Total .....	2,653	2,895	2,664				
Mediterranean area:							
Cyprus .....	76	81	88				
Israel .....	499	511	480				
Morocco .....	10	11	11				
Spain .....	9	9	9				
Total .....	594	612	588				
Northern Hemisphere ..	3,247	3,507	3,252				

<sup>1</sup>Harvesting in Northern Hemisphere countries begins November of the year shown, and in Southern Hemisphere countries begins in May following the year shown.

<sup>2</sup>Preliminary.

<sup>3</sup>Four States only (Nuevo Leon, San Luis Potosi, Tamaulipas, and Veracruz).

<sup>4</sup>Sao Paulo only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 321.—Canned citrus juices, single-strength: United States packs, 1966-79

Season	Orange juice				Blended orange and grapefruit juice				Tangerine and tangerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
1966	1,000 cases <sup>1</sup> 14,412	1,000 cases <sup>1</sup> 1,381	1,000 cases <sup>1</sup> 548	1,000 cases <sup>1</sup> 16,341	1,000 cases <sup>1</sup> 3,311	1,000 cases <sup>1</sup> 373	1,000 cases <sup>1</sup> 54	1,000 cases <sup>1</sup> 3,738	1,000 cases <sup>1</sup> 156
1967	9,817	320	277	10,414	2,043	110	( <sup>2</sup> )	2,153	49
1968	11,386	1,140	927	13,453	2,295	214	( <sup>2</sup> )	2,509	92
1969	11,223	<sup>3</sup> 3,073	( <sup>3</sup> )	14,296	2,192	<sup>3</sup> 228	( <sup>3</sup> )	2,420	47
1970	11,599	1,947	1,906	15,452	2,186	198	116	2,500	35
1971	10,800	1,718	1,334	13,852	1,807	64	112	1,983	16
1972	13,670	1,484	1,899	17,053	1,898	117	120	2,135	24
1973	10,885	1,676	1,258	13,819	1,782	145	56	1,983	18
1974	10,737	1,115	1,441	13,293	1,493	113	117	1,723	12
1975	10,635	1,570	1,256	13,461	1,687	144	938	2,769	19
1976	10,767	1,183	2,485	14,435	1,308	187	89	1,584	35
1977	11,654	1,748	2,427	15,829	1,664	194	87	1,945	8
1978	13,222	2,795	2,209	18,226	1,255	95	80	1,430	19
1979	13,869	2,079	2,419	18,367	1,314	138	82	1,534	17

<sup>1</sup>Equivalent cases of 24 No. 2 cans.

<sup>2</sup>Pack data not available.

<sup>3</sup>Texas included with California and Arizona.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 322.—Concentrated citrus juices: Annual packs, Florida, 1966-79

Season beginning December	Frozen concentrated juice			
	Orange <sup>1</sup>	Grapefruit	Tangerine	Blend
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1966	131,755	5,485	1,120	29
1967	83,697	1,814	582	10
1968	103,750	5,920	1,051	36
1969	124,947	4,294	785	16
1970	125,187	6,870	1,090	18
1971	134,229	8,798	1,220	22
1972	176,073	8,658	1,072	3
1973	171,846	9,026	1,019	11
1974	178,174	7,847	1,147	4
1975	186,265	9,316	1,111	1
1976	158,035	11,258	926	18
1977	161,204	13,693	1,672	1
1978	173,100	14,243	1,367	3
1979	231,257	19,443	2,142	1

<sup>1</sup>42° Brix through 1964; 45° Brix thereafter. Includes concentrated juice for manufacture.

Economic Research Service. Based on data obtained from Florida Citrus Processors' Association.

## FOOTNOTES FOR TABLE 318

<sup>1</sup>See footnote 1, table 319.

<sup>2</sup>Equivalent returns per box at the intake packinghouse door for all methods of sale.

<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 California delivered to processing plants which were not utilized, but for which growers received payment.

<sup>4</sup>Includes small quantities of tangerines in Texas. Excludes Florida temples.

<sup>5</sup>Preliminary.

Statistical Reporting Service.

**Table 323.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1966-79**

Season	Sections, Florida	Juice (single-strength)			
		Florida	Texas	California and Arizona	Total
	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>
1966	4,756	17,844	1,767	1,380	20,991
1967	3,412	13,300	750	1,776	15,826
1968	3,396	15,445	3,066	2,024	20,535
1969	3,325	16,423	( <sup>2</sup> )	<sup>2</sup> 5,701	22,124
1970	3,292	19,110	4,650	2,233	25,993
1971	2,571	20,874	3,837	2,066	26,777
1972	2,687	19,059	6,572	2,631	28,262
1973	3,027	20,576	6,013	2,412	29,001
1974	2,236	16,394	2,789	2,446	21,629
1975	1,602	18,890	4,030	2,901	25,821
1976	1,722	18,809	5,867	3,013	27,689
1977	1,753	17,246	4,690	4,443	26,379
1978	1,823	16,764	3,462	4,949	25,175
1979	1,966	16,604	3,606	4,018	24,228

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> Texas included with California and Arizona.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

**Table 324.—Citrus products: United States exports by kind, 1966/67-1979/80**

Year beginning November	Orange juice			Grapefruit juice			Blended juices	Grapefruit sections
	Single strength	Concentrate		Single strength	Concentrate			
		Hot pack	Frozen		Hot pack	Frozen		
	<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>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 cases</i> <sup>1</sup>
1966/67	11,106	958	4,418	5,358	153	284	1,497	83
1967/68	13,186	724	4,226	4,472	188	355	981	92
1968/69	9,283	770	4,227	5,226	206	728	706	84
1969/70	12,134	1,640	5,816	6,049	360	913	744	63
1970/71	10,931	1,417	7,708	5,119	276	952	602	76
1971/72	8,942	1,310	7,925	4,956	288	1,045	678	64
1972/73	10,129	1,170	11,007	4,857	344	1,461	705	65
1973/74	10,083	1,395	11,973	4,965	310	1,156	651	88
1974/75	9,734	931	12,636	4,850	213	1,214	701	100
1975/76	10,693	1,354	15,161	5,115	306	1,292	674	57
1976/77	10,472	1,663	17,086	5,445	310	1,988	732	59
1977/78	9,819	( <sup>2</sup> )	( <sup>2</sup> )	4,358	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	73
1978/79	8,827	( <sup>2</sup> )	( <sup>2</sup> )	3,832	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	67
1979/80	10,105	( <sup>2</sup> )	( <sup>2</sup> )	3,977	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	72

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> Omitted because data misleading. Reporting of concentrated juices was changed from concentrated to single-strength gallons in January 1978, but some custom ports inadvertently failed to do so until later in the year.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 325.—Oranges, fresh: United States exports by country of destination, 1977-79

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1977	1978	1979		1977	1978	1979
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Other countries:			
Belgium and Luxembourg	7,421	4,223	12,509	Australia	32	206	152
Denmark	154	49	950	Canada	150,009	128,518	159,773
France	2,418	1,705	11,175	Taiwan	729	47	1,409
Germany, Fed. Rep. of	2,159	265	5,164	French Pacific Islands	333	241	547
Iceland	18	86	290	Hong Kong	81,081	74,640	107,241
Netherlands	19,974	16,566	34,060	Indonesia	1,901	2,090	2,567
Norway	1,505	301	1,212	Japan	43,521	53,462	68,350
Sweden	1,665	771	3,532	Korea, Rep. of	51	72	101
United Kingdom	3,750	295	15,116	Kuwait			741
Other countries	49	184	223	Malaysia	1,310	2,003	4,825
Total	39,113	24,445	84,231	New Zealand	5,080	4,378	6,013
Latin America:				Other Pacific Islands	86	30	14
Mexico	275	90	335	Philippines		51	54
Panama	10	5	5	Saudi Arabia	27	1	697
Other countries	93	13	1	Singapore	9,697	8,542	17,491
Total	378	108	341	Trust Territory of Pacific Islands	58	50	39
Bermuda and Caribbean:				United Arab Emirates	6		1,963
Bahamas	318	150	123	Other countries	53	28	46
Barbados	3		326	Total	293,974	274,359	372,023
Bermuda	222	150	104	Grand total	334,973	300,297	459,404
French West Indies	108	291	522				
Netherlands Antilles	797	780	1,721				
Other countries	60	14	13				
Total	1,508	1,385	2,809				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 326.—Citrus fruits: Foreign trade, United States, 1966-79

Year <sup>1</sup>	Oranges		Grapefruit		Lemon		Limes		Tangerines	
	Imports <sup>2</sup>	Domes- tic exports <sup>3</sup>	Imports <sup>2</sup>	Domes- tic exports <sup>3</sup>	Imports <sup>2</sup>	Domes- tic exports <sup>3</sup>	Imports <sup>2</sup>	Domes- tic exports <sup>3</sup>	Imports <sup>2</sup>	Domes- tic exports <sup>3</sup>
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1966	301	7,912	20	3,429	1	3,191	32	59		244
1967	1,665	3,610	42	2,395	1	3,301	33	25		241
1968	1,059	7,122	41	3,077	(4)	2,918	37	24		197
1969	914	6,777	100	2,952	(4)	3,580	60	16		245
1970	1,138	6,215	85	2,758	(4)	3,681	39	26		305
1971	1,106	7,652	176	5,149	(4)	4,348	47	23		371
1972	1,225	7,143	217	5,431	1	5,460	52	81		264
1973	1,119	8,190	177	6,643	0	5,396	85	57		241
1974	888	12,568	130	6,435	2	5,321	101	73		340
1975	526	11,552	117	8,051	2	5,860	128	87		390
1976	1,121	10,690	245	8,043	5	6,667	199	58		413
1977	630	8,856	79	7,566	(4)	6,068	311	74	5150	446
1978	611	7,778	41	8,094	10	5,168	365	101	533	567
1979	366	12,057	116	7,908	2	4,747	482	100	485	522

<sup>1</sup> Year beginning October for all commodities. Prior to 1976, year beginning November for oranges, tangerines, and lemons; year beginning September for grapefruit; year beginning July for limes.<sup>2</sup> Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 78 pounds per box; limes, 80 pounds per box; tangerines, 90 pounds per box.<sup>3</sup> Exports converted to boxes on the following basis: Oranges and tangerines, 84 pounds per box; grapefruit and limes, 76 pounds per box; lemons, 79 pounds per box.<sup>4</sup> Less than 500 boxes.<sup>5</sup> Beginning 1977, tangerines reported separately.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 327.—Citrus fruits fresh: International trade, 1977-79

Continent and country	1977		1978		1979	
	Exports	Imports	Exports	Imports	Exports	Imports
ORANGES						
North America:	<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 .....	.....	340,692	.....	261,257	.....	249,119
Trinidad and Tobago .....	200	.....	85	.....	73	.....
United States .....	410,141	38,847	355,818	42,185	317,645	45,021
Total .....	410,341	379,539	355,903	303,442	317,718	294,140
South America:						
Argentina .....	33,996	.....	11,401	26	7,263	.....
Brazil .....	35,947	.....	47,996	.....	95,549	.....
Total .....	69,943	.....	59,397	26	102,812	.....
Europe:						
Austria .....	12	107,835	5	97,117	7	93,767
Belgium and Luxembourg .....	18,216	195,538	24,577	193,038	24,963	197,044
Denmark .....	2,198	41,148	1,668	43,128	1,450	40,847
Finland .....	308	78,304	171	73,708	519	78,835
France .....	24,983	870,877	22,434	827,638	27,845	805,649
Germany, Fed. Rep. of .....	16,255	860,153	14,078	778,394	10,899	829,259
Greece .....	240,636	.....	251,100	.....	131,077	.....
Ireland .....	1,176	23,054	1,099	22,215	1,279	23,317
Italy .....	271,506	37	139,044	361	114,318	175
Netherlands .....	51,571	356,900	36,666	313,470	45,666	363,813
Norway .....	38	64,044	12	59,779	293	62,460
Spain .....	1,468,657	486	1,459,283	307	904,149	.....
Sweden .....	4,685	115,622	2,932	104,694	3,055	111,659
Switzerland .....	110	105,576	174	92,064	78	99,404
United Kingdom .....	15,862	396,400	15,477	419,630	18,935	412,317
Yugoslavia .....	.....	97,221	.....	84,748	.....	92,539
Total .....	2,116,213	3,313,195	1,968,720	3,110,291	1,284,533	3,211,085
Africa:						
Algeria .....	130,879	.....	130,090	.....	132,000	.....
Morocco .....	550,645	.....	471,012	.....	539,000	.....
South Africa .....	300,549	9,980	371,526	5,019	356,962	6,185
Tunisia .....	21,025	.....	48,634	.....	29,591	.....
Total .....	1,003,098	9,980	1,021,262	5,019	1,057,553	6,185
Asia:						
Cyprus .....	29,436	.....	25,587	.....	24,691	.....
Hong Kong .....	5,801	143,613	8,932	128,336	8,084	122,993
Israel and Palestine .....	639,695	.....	620,898	.....	624,364	.....
Japan .....	20,876	22,499	14,157	51,008	15,545	54,075
Turkey .....	54,776	.....	44,151	.....	62,000	.....
Total .....	750,584	166,112	713,725	179,344	734,684	177,068
Oceania:						
Australia .....	4,576	.....	17,040	8	20,631	210
Grand total .....	4,354,755	3,868,826	4,136,047	3,598,130	3,517,931	3,688,688
GRAPEFRUIT						
North America:						
Canada .....	.....	80,323	.....	94,209	.....	81,662
Trinidad and Tobago .....	324	.....	355	.....	.....	.....
United States .....	266,577	7,910	270,502	1,365	272,321	3,289
Total .....	266,901	88,233	270,857	95,574	272,321	84,951

See footnotes at end of table.



Table 327.—Citrus fruits fresh: International trade, 1977-1979—Continued

Continent and country	1977		1978		1979	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>GRAPEFRUIT—continued</b>						
South America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Argentina .....	17,682	.....	12,388	.....	12,766	.....
Brazil .....	28	.....	.....	.....	160	.....
Total .....	17,710	.....	12,388	.....	12,926	.....
Europe:						
Belgium and Luxembourg .....	3,226	18,458	2,705	21,518	3,413	22,180
Denmark .....	41	3,597	301	5,650	286	7,550
Finland .....	.....	7,852	20	6,466	.....	9,833
France .....	805	99,229	1,122	110,440	1,879	107,503
Germany, Fed. Rep. of .....	2,585	118,149	2,518	119,809	4,188	115,159
Netherlands .....	31,759	58,204	33,616	63,430	26,037	55,154
Sweden .....	227	7,007	220	7,516	396	7,649
United Kingdom .....	2,945	102,340	2,590	112,670	4,773	112,702
Total .....	41,588	414,836	43,092	447,499	40,972	437,730
Africa:						
Algeria .....	445	.....	440	.....	600	.....
Morocco .....	1,323	.....	895	.....	420	.....
South Africa .....	54,768	.....	64,616	.....	69,367	.....
Total .....	56,536	.....	65,951	.....	70,387	.....
Asia:						
Cyprus .....	40,250	.....	33,687	.....	39,238	.....
Israel and Palestine .....	300,163	.....	266,876	.....	284,319	.....
Total .....	340,413	.....	300,563	.....	323,557	.....
Grand total .....	723,148	503,069	692,851	543,073	720,163	522,681
<b>LEMONS</b>						
North America:						
Canada .....	.....	18,966	.....	20,944	.....	21,129
United States .....	234,036	166	233,390	54	169,568	333
Total .....	234,036	19,132	233,390	20,998	169,568	21,462
Europe:						
Austria .....	7	25,632	.....	27,628	.....	27,089
Belgium .....	1,076	20,179	1,286	21,652	1,329	21,507
Denmark .....	153	6,929	329	7,017	215	6,662
Finland .....	.....	3,587	.....	3,366	7	3,732
France .....	1,988	111,863	2,172	116,514	2,244	115,043
Germany, Fed. Rep. of .....	2,172	118,970	2,254	123,385	2,964	118,702
Greece .....	75,795	.....	84,545	.....	25,394	.....
Ireland .....	.....	1,496	2	1,737	2	1,794
Italy .....	216,034	.....	184,962	.....	221,396	.....
Netherlands .....	7,069	18,962	6,152	17,817	7,621	21,904
Spain .....	157,839	3	221,381	15	219,395	28
Sweden .....	264	7,092	399	7,314	383	7,337
Switzerland .....	19	15,533	75	17,938	42	17,969
United Kingdom .....	1,339	38,826	1,118	43,223	2,096	43,625
Yugoslavia .....	.....	37,117	.....	37,480	.....	44,234
Total .....	463,755	406,189	504,675	425,086	483,088	429,626
Africa:						
Morocco .....	251	.....	642	.....	640	.....
South Africa .....	15,048	.....	22,403	.....	22,148	.....
Total .....	15,299	.....	23,045	.....	22,788	.....

See footnotes at end of table.

Table 327.—Citrus fruits fresh: International trade, 1977-79—Continued

Continent and country	1977		1978		1979	
	Exports	Imports	Exports	Imports	Exports	Imports
LEMONS—continued						
Asia:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cyprus .....	9,664	.....	8,244	.....	12,495	.....
Israel and Palestine .....	17,414	.....	17,184	.....	29,761	.....
Japan .....	.....	104,684	.....	116,945	.....	99,994
Turkey .....	76,990	.....	86,700	.....	23,748	.....
Total .....	104,068	104,684	112,128	116,945	66,004	99,994
Grand total .....	817,158	530,005	873,238	563,029	741,448	551,082

<sup>1</sup> Year ending June 30 of year shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 328.—Dates: Production, season average price per ton, and value, California, 1966-80

Year	Production	Price <sup>1</sup>	Value	Year	Production	Price <sup>1</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 .....	21,300	144	3,067	1974 .....	22,700	222	5,039
1967 .....	20,800	151	3,141	1975 .....	24,800	298	7,390
1968 .....	23,000	164	3,772	1976 .....	22,400	346	7,750
1969 .....	16,500	154	2,541	1977 .....	25,400	338	8,585
1970 .....	18,200	149	2,712	1978 .....	21,550	485	10,452
1971 .....	19,500	159	3,101	1979 .....	21,300	514	10,948
1972 .....	15,700	173	2,716	1980 <sup>2</sup> .....	22,400	634	14,202
1973 .....	23,100	198	4,574				

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 329.—Dates: Foreign trade, United States, 1966-79

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>1,000 tons</i>		<i>1,000 tons</i>		<i>1,000 tons</i>
1966 .....	14,429	1971 .....	14,826	1976 <sup>1</sup> .....	18,498
1967 .....	12,975	1972 .....	17,623	1977 <sup>1</sup> .....	18,227
1968 .....	13,782	1973 .....	15,654	1978 <sup>1</sup> .....	20,313
1969 .....	10,901	1974 .....	12,442	1979 <sup>1</sup> .....	14,227
1970 .....	13,010	1975 .....	19,427		

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 330.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1966–80<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>
1966	20,560	76.4	1,571,600	1,571,600	15.20	23,841	1,160,600
1967	21,020	66.8	1,404,300	1,404,300	14.80	20,794	1,034,400
1968	21,235	69.1	1,466,800	1,466,800	15.40	22,537	1,108,500
1969	21,285	85.7	1,823,100	1,823,100	15.50	28,241	1,412,600
1970	21,745	93.7	2,036,600	1,844,600	10.70	19,675	1,400,000
1971	22,410	101.1	2,264,800	1,639,800	10.70	17,599	1,158,800
1972	22,590	92.0	2,078,000	2,078,000	12.50	26,021	1,567,100
1973	23,100	90.9	2,100,300	2,100,300	13.50	28,384	1,470,200
1974	23,400	95.6	2,236,000	2,236,000	11.00	24,715	1,496,700
1975	23,300	89.1	2,075,100	2,075,100	13.10	27,112	1,444,200
1976	23,080	104.3	2,407,300	2,407,300	13.50	32,424	1,755,500
1977	22,540	93.3	2,102,200	2,102,200	13.10	28,154	1,454,000
1978	23,120	106.3	2,458,500	2,458,500	21.50	52,903	1,917,700
1979	23,200	106.7	2,475,500	2,475,500	26.70	66,039	2,067,000
1980 <sup>7</sup>	23,190	116.3	2,697,500	2,697,500	32.90	88,674	2,259,600

<sup>1</sup> Estimates relate to Massachusetts, New Jersey, Oregon, Washington, and Wisconsin.<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.

Statistical Reporting Service.

**Table 331.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1978–80**

State	Area harvested			Yield per acre			Total production			Price <sup>2</sup> for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Mass . . .	11,200	11,200	11,200	105.4	96.4	105.8	1,180,000	1,080,000	1,185,000	21.60	26.60	33.20
N.J . . . .	3,000	3,000	2,900	74.3	84.3	84.5	223,000	253,000	245,000	21.70	26.90	32.70
Oreg . . . .	820	800	790	115.2	118.1	105.7	94,500	94,500	83,500	21.70	26.70	32.60
Wash . . .	1,100	1,100	1,100	126.4	133.6	94.5	139,000	147,000	104,000	21.70	26.70	32.60
Wis . . . .	7,000	7,100	7,200	117.4	126.9	150.0	822,000	901,000	1,080,000	21.30	26.70	32.60
U.S . . .	23,120	23,200	23,190	106.3	106.7	116.3	2,458,500	2,475,500	2,697,500	21.50	26.70	32.90

<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.

Statistical Reporting Service.

**Table 332.—Figs: Production, season average price per ton, and value, California, 1966–80**

Year	Dried (dry basis)					Fresh and canned			Total		
	Production			Price	Value	Production (fresh basis)	Price <sup>1</sup>	Value	Production (fresh basis) <sup>2</sup>	Price <sup>1</sup>	Value
	Total	Standard	Sub standard								
	<i>Tons</i>	<i>Tons</i>	<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>
1966	20,600	18,400	2,200	188.00	3,873	6,000	182.00	1,092	67,800	73.20	4,965
1967	12,200	10,900	1,300	210.00	2,562	5,600	200.00	1,120	42,200	87.30	3,682
1968	15,800	13,000	2,800	212.00	3,350	4,200	271.00	1,138	51,600	87.00	4,488
1969	17,690	14,370	3,320	204.00	3,609	5,430	276.00	1,499	58,500	87.30	5,107
1970	14,070	12,280	1,790	219.00	3,081	7,390	276.00	2,040	49,600	103.00	5,109
1971	13,440	10,370	3,070	203.00	2,728	5,280	230.00	1,214	45,600	86.50	3,944
1972	11,050	8,950	2,100	389.00	4,298	3,250	258.00	839	36,400	141.00	5,132
1973	12,420	11,220	1,200	680.00	8,446	4,340	267.00	1,159	41,600	231.00	9,610
1974	13,130	11,430	1,700	682.00	8,955	5,000	434.00	2,170	44,600	233.00	10,392
1975	11,610	8,840	2,770	585.00	6,792	3,170	236.00	748	38,000	198.00	7,524
1976	10,070	7,000	3,070	522.00	5,257	1,900	271.00	515	32,100	180.00	5,778
1977	12,700	11,000	1,700	869.00	11,036	3,400	345.00	1,173	41,500	295.00	12,243
1978	9,300	6,930	2,370	920.00	8,556	3,700	352.00	1,302	31,600	318.00	9,667
1979	11,640	10,240	1,400	1,217.00	14,166	3,800	416.00	1,581	38,720	407.00	15,759
1980	14,530	11,330	3,200	878.00	12,757	2,100	493.00	1,035	45,690	303.00	13,844

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point for fresh sales. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

Statistical Reporting Service.

**Table 333.—Figs, dried: Foreign trade, United States, 1966–79**

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<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>
1966	1,677	845	1971	1,472	1,423	1976 <sup>1</sup>	3,540	784
1967	1,385	919	1972	2,037	937	1977 <sup>1</sup>	3,713	1,444
1968	2,341	797	1973	1,561	1,444	1978 <sup>1</sup>	3,733	1,623
1969	1,253	810	1974	1,246	816	1979 <sup>1</sup>	2,177	1,813
1970	1,731	1,185	1975	1,954	1,104			

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 334.—Grapes: Production, value, and raisin production, United States, 1966–80**

Year	Grapes				Raisins, production (California) <sup>2</sup>	Year	Grapes				Raisins, production (California) <sup>2</sup>
	Production (fresh basis)		Season average price per ton <sup>1</sup>	Value			Production (fresh basis)		Season average price per ton <sup>1</sup>	Value	
	Total	Utilized					Total	Utilized			
	1,000 tons	1,000 <sup>x</sup> tons	Dollars	1,000 dollars	1,000 tons		1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons
1966 . . . . .	3,734	3,733	55.60	207,706	280	1974 . . . . .	4,199	4,199	139.00	582,289	242
1967 . . . . .	3,069	3,062	69.30	212,319	181	1975 . . . . .	4,366	4,365	142.00	618,178	283
1968 . . . . .	3,549	3,549	66.60	236,374	264	1976 <sup>3</sup> . . . . .	4,398	4,093	155.00	635,570	283
1969 . . . . .	3,898	3,898	72.50	282,514	251	1977 . . . . .	4,298	4,296	194.00	835,299	248
1970 . . . . .	3,103	3,103	94.20	292,263	193	1978 <sup>3</sup> . . . . .	4,567	4,318	233.00	1,005,794	229
1971 . . . . .	3,994	3,994	96.00	383,267	194	1979 . . . . .	4,989	4,989	237.00	1,180,228	302
1972 . . . . .	2,579	2,579	165.00	426,238	105	1980 <sup>4</sup> . . . . .	5,595	5,595	239.00	1,336,521	309
1973 . . . . .	4,198	4,198	162.00	681,675	224						

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>2</sup> Dried basis; 1 ton of raisins equivalent to about 4–4.5 tons of fresh grapes. Excludes table varieties dried. <sup>3</sup> Difference between total and utilized production reflects loss of California raisins laid but not harvested due to severe weather damage: 1976—65,000 tons (292,000 tons fresh equivalent); 1978—56,300 tons (248,000 tons fresh equivalent). <sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 335.—Grapes: Production and season average price per ton, by States, 1978–80**

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Ariz . . . . .	14,300	13,500	12,400	14,300	13,500	12,400	943.00	930.00	1,170.00
Ark . . . . .	8,200	8,200	6,600	8,200	8,200	6,600	217.00	161.00	170.00
Calif.:									
All varieties <sup>3</sup> . . . . .	4,017,000	4,558,000	5,124,000	3,769,000	4,558,000	5,124,000	232.00	236.00	240.00
Wine varieties . . . . .	1,706,000	1,821,000	2,004,000	1,706,000	1,821,000	2,004,000	210.00	214.00	210.00
Table varieties <sup>3</sup> . . . . .	393,000	417,000	428,000	393,000	417,000	428,000	342.00	310.00	410.00
Raisin varieties <sup>4</sup> . . . . .	1,918,000	2,320,000	2,692,000	1,670,000	2,320,000	2,692,000	229.00	239.00	235.00
Dried <sup>5</sup> . . . . .	228,500	302,300	309,000	172,200	302,300	309,000	1,067.00	1,151.00	1,198.00
Not dried . . . . .	912,000	944,000	1,080,000	912,000	944,000	1,080,000	217.00	219.00	243.00
Mich . . . . .	67,500	58,500	49,500	67,500	58,500	49,500	223.00	237.00	250.00
Mo . . . . .	3,300	4,500	4,200	3,300	4,500	4,200	213.00	310.00	257.00
N.Y . . . . .	188,000	165,000	175,000	188,000	165,000	175,000	244.00	236.00	217.00
N.C . . . . .	6,800	5,800	5,800	5,900	5,500	5,500	300.00	258.00	276.00
Ohio . . . . .	12,000	12,000	12,000	12,000	12,000	12,000	212.00	207.00	173.00
Pa . . . . .	57,500	55,500	56,000	57,500	55,500	56,000	232.00	218.00	167.00
Wash . . . . .	187,000	102,800	145,100	187,000	102,800	145,100	191.00	204.00	178.00
Other States <sup>6</sup> . . . . .	5,100	5,200	4,500	5,100	5,200	4,500	228.00	295.00	388.00
U.S . . . . .	4,566,700	4,989,000	5,595,100	4,317,800	4,988,700	5,594,800	233.00	237.00	239.00

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Price derived from unrounded data. <sup>4</sup> Fresh equivalent of dried and not dried. Difference between total and utilized production reflects loss of raisins laid but not harvested due to severe weather damage: 1978—56,300 tons (248,000 tons fresh equivalent). <sup>5</sup> Dried basis; 1 ton of raisins is equivalent to 4.40 tons fresh basis for 1978; 4.55 tons for 1979, and 5.22 tons for 1980. <sup>6</sup> Georgia and South Carolina.

Statistical Reporting Service.

**Table 336.—Grapes: Production and utilization, United States, 1966–80**

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	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>
1966 .....	3,733,640	3,733,340	597,350	62,000	1,185,700	1,888,290	
1967 .....	3,069,040	3,062,190	466,750	54,000	751,800	1,789,640	
1968 .....	3,549,040	3,549,040	557,967	64,000	1,111,100	1,815,973	
1969 .....	3,897,510	3,897,510	561,963	66,300	1,010,200	2,054,155	204,892
1970 .....	3,103,330	3,103,330	390,006	53,700	821,800	1,583,229	254,595
1971 .....	3,994,420	3,994,420	392,650	58,400	895,900	2,309,740	337,730
1972 .....	2,578,650	2,578,650	358,585	50,500	437,400	1,520,190	211,975
1973 .....	4,198,350	4,198,350	405,805	59,000	969,300	2,567,328	196,917
1974 .....	4,198,800	4,198,800	434,490	61,200	1,023,800	2,415,711	263,599
1975 .....	4,366,350	4,365,070	498,190	52,700	1,252,400	2,275,480	286,300
1976 <sup>3</sup> .....	4,398,330	4,092,980	466,330	48,000	982,500	2,321,710	274,440
1977 .....	4,297,750	4,296,200	481,350	54,000	1,134,000	2,411,500	215,350
1978 <sup>3</sup> .....	4,566,700	4,317,800	437,250	55,000	759,000	2,671,450	395,100
1979 .....	4,989,000	4,988,700	524,100	60,000	1,380,900	2,713,100	310,600
1980 <sup>4</sup> .....	5,595,100	5,594,800	568,990	63,000	1,620,000	2,996,300	346,510

<sup>1</sup>Includes "Home use." <sup>2</sup>Mostly juice, but includes some quantities used for jam, jelly, etc. Prior to 1969, these quantities included with wine. <sup>3</sup>Total production includes loss for California raisin variety grapes laid to raisins but not harvested due to severe weather damage: 1976—293,000 fresh tons, 1978—248,000 fresh tons. <sup>4</sup>Preliminary.

Statistical Reporting Service.

**Table 337.—Grapes: Production and utilization, by States, crop of 1980 (preliminary)**

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Crushed for—	
					Wine	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>
Ariz .....	12,400	12,400	12,400				
Calif.:							
All varieties .....	5,124,000	5,124,000	545,000	63,000	1,620,000	2,896,000	
Wine varieties .....	2,004,000	2,004,000	82,000			1,922,000	
Table varieties .....	428,000	428,000	224,000		8,000	196,000	
Raisin varieties .....	2,692,000	2,692,000	239,000	63,000	<sup>3</sup> 1,612,000	778,000	
Mich .....	49,500	49,500	1,700			( <sup>4</sup> )	44,000
N.Y. ....	175,000	175,000	4,000			70,250	100,750
Ohio .....	12,000	12,000	300			( <sup>4</sup> )	9,800
Pa. ....	56,000	56,000	2,000			9,500	44,500
Wash .....	145,100	145,100	400			4,900	139,800
Other States <sup>5</sup> .....	21,100	20,800	3,190			15,650	7,660
U.S. ....	5,595,100	5,594,800	568,990	63,000	1,620,000	2,996,300	346,510

<sup>1</sup>Includes "Home use." <sup>2</sup>Mostly juice, but includes some quantities used for jam, jelly, etc. <sup>3</sup>Equivalent raisins produced (dried basis): 309,000 tons. <sup>4</sup>Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. total. <sup>5</sup>Arkansas, Georgia, Missouri, North Carolina, and South Carolina.

Statistical Reporting Service.

**Table 338.—Raisins and currants: United States exports by country of destination, 1977/78–79/80**

Country of Destination	Year beginning September			Country of destination	Year beginning September		
	1977/78	1978/79	1979/80		1977/78	1978/79	1979/80
	<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>Europe:</b>				<b>Bermuda and Caribbean:</b>			
Austria . . . . .	92	13	194	Bahamas . . . . .	62	32	53
Belgium and Luxembourg . . . . .	1,424	431	1,399	Bermuda . . . . .	41	58	62
Denmark . . . . .	2,374	1,229	2,342	Dominican Republic . . . . .	100	47	185
Finland . . . . .	2,113	1,178	2,575	Haiti . . . . .	16	2	10
France . . . . .	734	90	2,635	Jamaica . . . . .	2	4	75
Germany, Fed. Rep. of . . . . .	3,372	1,679	6,824	Netherlands Antilles . . . . .	81	138	69
Iceland . . . . .	151	44	141	Trinidad and Tobago . . . . .	43	12	63
Ireland . . . . .	51	17	542	Other countries . . . . .	33	18	73
Italy . . . . .		153	559				
Netherlands . . . . .	2,050	655	2,707	<b>Total</b> . . . . .	<b>378</b>	<b>311</b>	<b>590</b>
Norway . . . . .	1,684	860	1,867				
Sweden . . . . .	3,162	2,095	3,416	<b>Other countries:</b>			
Switzerland . . . . .	797	425	646	Canada . . . . .	7,208	4,139	8,042
United Kingdom . . . . .	2,394	985	7,866	Taiwan . . . . .	1,280	281	2,036
Other countries . . . . .	30	0	208	Hong Kong . . . . .	400	165	809
<b>Total</b> . . . . .	<b>20,428</b>	<b>9,854</b>	<b>33,921</b>	Indonesia . . . . .	77	26	89
				Japan . . . . .	16,917	4,264	15,396
<b>Latin America:</b>				Korea, Rep. of . . . . .	266	113	559
Argentina . . . . .	32	40	343	Lebanon . . . . .	4	2	293
Bolivia . . . . .	22	3	26	Malaysia . . . . .	350	219	410
Brazil . . . . .	224	62	121	New Zealand . . . . .	873	277	654
Colombia . . . . .	235	127	858	Philippines . . . . .	111	70	42
Costa Rica . . . . .	27	13	35	Saudi Arabia . . . . .	50	23	89
Ecuador . . . . .	140	68	179	Singapore . . . . .	464	284	866
El Salvador . . . . .	16	21	15	Soviet Union . . . . .	1,486	...	539
Guatemala . . . . .	64	102	45	Thailand . . . . .	142	40	108
Honduras . . . . .	39	23	24	Other countries . . . . .	1,344	65	2,242
Mexico . . . . .	131	343	104				
Nicaragua . . . . .	36	5	7	<b>Total</b> . . . . .	<b>29,972</b>	<b>9,968</b>	<b>30,174</b>
Panama . . . . .	185	42	214				
Venezuela . . . . .	1,291	583	1,191	<b>Grand total</b> . . . . .	<b>53,237</b>	<b>21,585</b>	<b>67,929</b>
Other countries . . . . .	17	20	82				
<b>Total</b> . . . . .	<b>2,459</b>	<b>1,452</b>	<b>3,244</b>				

<sup>1</sup>Includes 194 metric tons to India. <sup>2</sup>Includes 124 metric tons to Israel.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 339.—Grapes and raisins: Foreign trade, United States, 1966–79**

Year	Grapes		Raisins <sup>1</sup>		Year	Grapes		Raisins <sup>1</sup>	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports		Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	<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>
1966 . . . . .	15,502	125,173	229	71,849	1973 . . . . .	14,983	114,112	1,380	53,817
1967 . . . . .	23,274	113,767	1,003	74,732	1974 . . . . .	21,202	116,056	28	59,775
1968 . . . . .	15,884	119,023	1,290	77,742	1975 . . . . .	23,975	120,620	326	71,510
1969 . . . . .	16,358	143,975	1,006	80,986	1976 <sup>2</sup> . . . . .	33,520	98,801	13,143	40,828
1970 . . . . .	22,231	114,298	1,112	67,448	1977 <sup>2</sup> . . . . .	30,968	112,605	1,100	62,688
1971 . . . . .	12,699	140,649	3,524	80,074	1978 <sup>2</sup> . . . . .	47,669	137,408	18,069	24,045
1972 . . . . .	9,859	103,016	3,291	25,246	1979 <sup>2</sup> . . . . .	49,131	102,794	169	86,126

<sup>1</sup>Raisins converted to sweatbox or production basis by multiplying by 1.08.

<sup>2</sup>Year beginning October for both grapes and raisins. Prior to 1976, year beginning July for grapes; September for raisins.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 340.—Nectarines: Production, utilization, and value, California, 1966–80**

Crop of —	Production	Utilization		Price per ton <sup>2</sup>	Value
		Fresh <sup>1</sup>	Processed (fresh basis)		
	Tons	Tons	Tons	Dollars	1,000 dollars
1966	68,000	67,200	800	142.00	9,656
1967	55,000	54,300	700	157.00	8,635
1968	64,000	63,100	900	147.00	9,408
1969	66,000	65,000	1,000	140.00	9,240
1970	66,500	65,300	1,200	152.00	10,108
1971	70,000	69,100	900	155.00	10,850
1972	87,000	86,400	600	177.00	15,399
1973	86,500	85,600	900	255.00	22,058
1974	117,000	115,600	1,400	228.00	26,676
1975	111,000	110,000	1,000	275.00	30,525
1976	128,000	127,500	500	245.00	31,360
1977	155,000	155,000	.....	205.00	31,775
1978	148,000	144,700	3,300	307.00	45,436
1979	172,000	171,000	1,000	197.00	33,884
1980 <sup>3</sup>	192,500	192,000	500	231.00	44,468

<sup>1</sup>Includes "Home use."

<sup>2</sup>Fresh fruit prices are equivalent returns at first delivery point. Processing fruit prices are equivalent returns at processing plant door.

<sup>3</sup>Preliminary.

Statistical Reporting Service.

**Table 341.—Olives: Production, value, and utilization, California, 1966–80**

Year	Production <sup>1</sup>	Season average price per ton <sup>2</sup>	Value	Utilization		
				Crushed for oil <sup>3</sup>	Canned	Other <sup>4</sup>
	Tons	Dollars	1,000 dollars	Tons	Tons	Tons
1966	63,000	241.00	15,183	4,800	45,500	11,900
1967	14,000	384.00	5,376	1,470	10,230	2,000
1968	86,000	368.00	31,648	4,600	62,800	18,000
1969	70,000	329.00	23,030	5,200	51,700	12,500
1970	52,000	247.00	12,844	4,100	39,200	8,100
1971	55,000	148.00	8,140	4,900	39,600	9,800
1972	24,200	415.00	10,043	700	20,000	3,300
1973	70,000	392.00	27,440	4,300	54,300	10,700
1974	58,500	434.00	25,389	3,100	46,700	7,800
1975	67,000	336.00	22,512	3,800	53,300	9,000
1976	80,000	330.00	26,400	3,700	65,500	10,200
1977	43,000	403.00	17,329	2,300	32,300	7,800
1978	126,000	303.00	38,178	7,300	99,100	18,800
1979	62,000	408.00	25,296	1,600	52,300	7,600
1980 <sup>5</sup>	111,000	346.00	38,406	8,000	77,100	25,200

<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>About 40 gallons of oil are obtained from 1 ton of olives.

<sup>4</sup>Includes Spanish, Greek, and Sicilian styles, halved and chopped, minced, brined, other cures, and a small amount shipped fresh.

<sup>5</sup>Preliminary.

Statistical Reporting Service.



Table 342.—Olives and olive oil: Foreign trade, United States, 1966-79

Year beginning July	Imports				Year beginning July	Imports			
	Olives		Olive oil			Olives		Olive oil	
	In brine	Dried	Edible	Inedible		In brine	Dried	Edible	Inedible
	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1966 . . . . .	14,936	1,041	55,293	1,415	1973 . . .	16,738	1,518	52,923	250
1967 . . . . .	13,716	1,514	56,608	1,417	1974 . . .	14,079	1,173	48,427	200
1968 . . . . .	17,066	1,316	59,940	297	1975 . . .	15,323	643	59,232	129
1969 . . . . .	15,912	688	60,156	360	1976 <sup>1</sup> . . .	15,481	1,465	56,288	189
1970 . . . . .	16,328	1,774	64,349	250	1977 <sup>1</sup> . . .	17,809	1,063	59,456	142
1971 . . . . .	16,499	1,363	67,577	334	1978 <sup>1</sup> . . .	13,293	1,190	61,977	143
1972 . . . . .	17,440	1,181	57,703	261	1979 <sup>1</sup> . . .	14,469	1,294	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Year beginning October. <sup>2</sup> Not available

Economic Research Service and Foreign Agricultural Service. Compiled from the reports of the U.S. Department of Commerce.

Table 343.—Peaches: Production and value, United States, 1966-80

Year	Total production	Utilized production	Season average price <sup>1</sup>	Value	Year	Total production	Utilized production	Season average price <sup>1</sup>	Value
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>
1966 . . . . .	3,389.2	3,194.4	5.13	163,788	1974 . . .	2,917.2	2,756.3	9.5	260,822
1967 . . . . .	2,687.7	2,525.3	6.26	158,025	1975 . . .	2,835.6	2,645.6	10.4	274,958
1968 . . . . .	3,636.7	3,395.4	5.29	179,705	1976 . . .	3,018.3	2,641.7	9.6	253,613
1969 . . . . .	3,684.3	3,410.0	5.23	178,246	1977 . . .	2,955.4	2,825.7	9.8	277,789
1970 . . . . .	2,995.8	2,786.3	6.04	168,315	1978 . . .	2,652.7	2,515.7	12.0	301,143
1971 . . . . .	2,882.6	2,742.3	6.07	166,587	1979 . . .	2,951.2	2,846.7	11.6	331,282
1972 . . . . .	2,371.5	2,249.5	6.9	155,286	1980 <sup>2</sup> . . .	3,073.6	2,959.1	12.4	368,004
1973 . . . . .	2,590.9	2,412.7	8.3	199,060					

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 344.—Peaches: Foreign trade, United States, 1966-79

Year beginning July	Domestic exports					
	Fresh	Dried <sup>1</sup>	Canned	Canned, in fruit salad <sup>2</sup>	Dried, in fruit salad <sup>3</sup>	Total, in terms of fresh <sup>4</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 bushels</i>
1966 . . . . .	26,813	1,260	229,094	61,157	1,142	6,884
1967 . . . . .	26,432	702	88,861	37,903	1,057	3,395
1968 . . . . .	38,115	267	114,887	44,792	826	4,247
1969 . . . . .	45,526	3,131	227,261	50,498	905	7,202
1970 . . . . .	38,813	4,335	168,151	34,785	712	5,620
1971 . . . . .	49,706	305	119,640	31,344	764	4,305
1972 . . . . .	54,825	532	111,353	39,470	733	4,431
1973 . . . . .	57,491	393	127,934	46,290	713	4,955
1974 . . . . .	50,028	668	98,031	33,359	812	3,951
1975 . . . . .	62,730	449	96,621	32,059	853	4,138
1976 <sup>5</sup> . . . . .	60,891	1,139	118,089	36,435	749	4,706
1977 <sup>5</sup> . . . . .	65,059	( <sup>6</sup> )	181,333	38,038	860	6,025
1978 <sup>5</sup> . . . . .	66,175	( <sup>6</sup> )	122,554	37,563	649	4,790
1979 <sup>5</sup> . . . . .	61,797	( <sup>6</sup> )	130,440	48,199	1,109	5,137

See footnotes on page 236.

Table 345.—Peaches: Production and season average price per pound, 1978–80

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
Ala . . . . .	16.0	20.0	14.0	16.0	20.0	14.0	16.6	18.5	22.5
Ark . . . . .	37.0	36.0	28.0	36.0	35.0	27.0	12.5	13.8	13.5
Calif.:									
Freestone . . . . .	394.0	468.0	470.0	394.0	468.0	470.0	11.5	10.9	9.9
Colo . . . . .	7.2	14.0	18.0	7.2	13.0	18.0	17.7	20.8	17.9
Conn . . . . .	3.3	2.5	2.8	3.3	2.5	2.8	29.0	32.0	30.0
Del . . . . .	2.5	2.0	1.4	2.5	2.0	1.4	10.5	13.0	11.8
Ga . . . . .	120.0	135.0	120.0	120.0	135.0	120.0	15.6	11.3	14.1
Idaho . . . . .	11.0	10.5	13.0	11.0	10.5	13.0	12.5	15.0	12.5
Ill . . . . .	16.0	15.0	24.0	16.0	15.0	24.0	21.9	18.5	18.5
Ind . . . . .	5.0	4.2	8.0	5.0	4.2	8.0	22.0	22.0	25.0
Kans . . . . .	5.0	5.0	6.5	5.0	5.0	6.5	17.6	25.0	20.0
Ky . . . . .	9.0	15.0	15.5	9.0	15.0	15.5	20.0	21.0	18.6
La . . . . .	6.5	7.0	4.0	6.5	7.0	4.0	20.0	23.0	32.0
Md . . . . .	23.0	22.0	19.0	23.0	22.0	19.0	13.2	14.3	13.3
Mass . . . . .	1.8	1.8	2.0	1.8	1.8	2.0	29.0	32.0	30.0
Mich . . . . .	60.0	35.0	40.0	60.0	35.0	40.0	16.0	19.4	19.2
Miss . . . . .	4.0	3.0	2.5	4.0	3.0	2.5	20.0	20.0	24.5
Mo . . . . .	15.0	12.0	12.0	15.0	12.0	12.0	16.0	21.0	14.5
N.J . . . . .	70.0	95.0	110.0	70.0	90.0	110.0	23.6	16.9	20.8
N.Y . . . . .	16.0	6.7	13.0	16.0	6.7	13.0	18.5	22.2	23.5
N.C . . . . .	45.0	50.0	45.0	45.0	50.0	45.0	16.0	16.3	12.8
Ohio . . . . .	6.0	4.0	12.0	6.0	4.0	12.0	23.7	26.0	24.9
Okla . . . . .	7.0	11.0	8.0	7.0	11.0	8.0	14.1	15.2	17.8
Oreg . . . . .	13.0	16.0	13.0	13.0	16.0	13.0	17.9	19.2	22.3
Pa . . . . .	70.0	80.0	105.0	70.0	80.0	105.0	15.5	14.7	14.5
S.C . . . . .	315.0	350.0	355.0	300.0	343.0	355.0	15.5	13.9	17.6
Tenn . . . . .	8.4	8.5	8.4	8.4	8.5	8.4	16.0	16.0	17.8
Tex . . . . .	25.0	23.0	12.5	24.0	22.5	12.0	17.0	20.0	28.0
Utah . . . . .	11.0	12.0	11.0	11.0	12.0	11.0	17.0	17.0	17.5
Va . . . . .	37.0	32.0	32.0	37.0	32.0	32.0	14.2	13.2	15.6
Wash . . . . .	38.0	31.0	31.0	38.0	31.0	31.0	14.4	16.1	17.9
W. Va . . . . .	25.0	24.0	22.0	25.0	24.0	22.0	17.8	16.8	13.2
Total above . . . . .	1,422.7	1,551.2	1,578.6	1,405.7	1,536.7	1,577.1	15.0	14.0	15.1
Calif.:									
Clingstone <sup>3</sup> . . . . .	1,230.0	1,400.0	1,495.0	1,110.0	1,310.0	1,382.0	8.1	8.9	9.4
U.S . . . . .	2,652.7	2,951.2	3,073.6	2,515.7	2,846.7	2,959.1	12.0	11.6	12.4

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Mainly for canning. Total production includes culls and cannery diversions not utilized as follows (million pounds): 120.0 in 1978, 90.0 in 1979, and 113.0 in 1980.

Statistical Reporting Service.

Table 346.—Peaches, fresh: Production in specified countries, 1978–80

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Asia:			
Canada . . . . .	42.2	33.9	40.4	Japan . . . . .	276.9	286.9	283.9
United States . . . . .	1,222.2	1,350.6	1,394.2	Turkey . . . . .	230.0	240.0	240.0
Total . . . . .	1,265.0	1,384.5	1,434.6	Total . . . . .	506.9	526.9	523.9
Europe:				Southern Hemisphere:			
Austria . . . . .	9.2	7.1	13.9	Argentina . . . . .	250.0	282.0	238.0
France . . . . .	398.0	432.0	397.3	Australia . . . . .	62.2	68.0	68.8
Germany, Fed. Rep. of . . . . .	35.7	15.9	26.7	Chile . . . . .	82.8	82.2	80.0
Greece . . . . .	348.0	273.0	397.4	New Zealand . . . . .	16.6	17.7	19.2
Italy . . . . .	1,197.2	1,230.0	1,320.0	South Africa . . . . .	152.5	164.0	195.6
Spain . . . . .	430.0	392.0	380.0	Total . . . . .	564.1	613.9	601.6
Yugoslavia . . . . .	63.1	68.0	65.0	Total specified countries . . . . .	4,817.2	4,943.3	5,160.4
Total . . . . .	2,481.2	2,418.0	2,600.3				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 347.—Peaches: Production and utilization, United States, 1966–80

Crop of-	Total production <sup>1</sup>	Utilized production	Utilization of quantities sold				
			Fresh <sup>2</sup>	Processed (fresh basis)			
				Canned <sup>3</sup>	Dried	Frozen	Other <sup>4</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1966	3,389.2	3,194.4	1,222.7	1,828.6	44.0	88.2	10.9
1967	2,687.7	2,525.3	966.8	1,413.4	25.5	96.9	22.7
1968	3,636.7	3,395.4	1,338.8	1,874.6	36.6	109.6	35.8
1969	3,684.3	3,410.0	1,384.8	1,876.3	56.2	64.2	28.5
1970	2,995.8	2,786.3	1,181.5	1,476.6	36.4	73.7	18.1
1971	2,882.6	2,742.3	1,201.0	1,397.1	29.8	86.3	28.1
1972	2,371.5	2,249.5	844.9	1,268.8	24.0	65.3	46.5
1973	2,590.9	2,412.7	935.2	1,325.4	24.0	104.9	23.2
1974	2,917.2	2,756.3	952.0	1,650.6	29.0	78.1	46.6
1975	2,835.6	2,645.6	1,099.6	1,432.0	38.0	52.7	23.3
1976	3,018.3	2,641.7	1,151.2	1,326.3	30.0	109.8	24.4
1977	2,955.4	2,825.7	1,144.0	1,504.7	42.0	109.8	25.2
1978	2,652.7	2,515.7	1,135.8	1,230.8	35.0	69.8	44.3
1979	2,951.2	2,846.7	1,263.0	1,427.6	33.0	93.5	29.6
1980 <sup>5</sup>	3,073.6	2,959.1	1,331.1	1,496.3	47.0	64.1	20.6

<sup>1</sup>Includes culls and cannery diversions for California Clingstone peaches (tons) 1966—85,000; 1967—79,000; 1968—86,000; 1969—114,000; 1970—98,000; 1971—61,000; 1972—60,000; 1973—81,000; 1974—76,000; 1975—81,000; 1976—77,000; 1977—57,500; 1978—60,500; 1979—45,000; 1980—56,500. <sup>2</sup>Includes "Home use." <sup>3</sup>Includes some quantities frozen and otherwise processed prior to 1969. <sup>4</sup>Used for jams, preserves, brandy, etc. Includes small quantities frozen for some years. <sup>5</sup>Preliminary.

Statistical Reporting Service.

Table 348.—Peaches: Production and utilization, by States, crop of 1980 (preliminary)

State	Total Production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>2</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Calif., all <sup>3</sup>	1,965.0	1,852.0	288.2	1,452.1	47.0	( <sup>4</sup> )	( <sup>4</sup> )
Clingstone <sup>3</sup>	1,495.0	1,382.0	2.2	1,376.1	.....	.....	( <sup>4</sup> )
Freestone	470.0	470.0	286.0	76.0	47.0	( <sup>4</sup> )	( <sup>4</sup> )
Ga	120.0	120.0	( <sup>4</sup> )	( <sup>4</sup> )	.....	.....	( <sup>4</sup> )
N.J	110.0	110.0	( <sup>4</sup> )	( <sup>4</sup> )	.....	( <sup>4</sup> )	.....
Pa	105.0	105.0	94.9	9.4	.....	( <sup>4</sup> )	.....
S.C	355.0	355.0	337.0	14.7	.....	( <sup>4</sup> )	( <sup>4</sup> )
Wash	31.0	31.0	( <sup>4</sup> )	( <sup>4</sup> )	.....	.....	.....
Other States <sup>5</sup>	387.6	386.1	611.0	20.1	.....	64.1	20.6
U.S.	3,073.6	2,959.1	1,331.1	1,496.3	47.0	64.1	20.6

<sup>1</sup>Includes "Home use." <sup>2</sup>Used for jams, preserves, brandy, etc. <sup>3</sup>Difference between total and utilized production is culls and cannery diversions. <sup>4</sup>Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals. <sup>5</sup>Alabama, Arkansas, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New York, North Carolina, Ohio, Oklahoma, Oregon, Tennessee, Texas, Utah, Virginia, and West Virginia.

Statistical Reporting Service.

**Table 349.—Peaches, canned: United States exports by country of destination, 1977/78-79/80**

Country of destination	Year beginning June			Country of destination	Year beginning June		
	1977/78	1978/79	1979/80		1977/78	1978/79	1979/80
	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>		<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>
Europe:				Bermuda and Carribean:			
Austria . . . . .	53	31	9	Bahamas . . . . .	1	2	3
Belgium and Luxembourg . . . . .	46	67	34	Bermuda . . . . .	4	4	5
Denmark . . . . .	15	29	34	Netherlands Antilles . . . . .	3	3	8
Finland . . . . .	34	40	49	Other countries . . . . .	3	5	3
France . . . . .	9	5	...	Total . . . . .	11	14	19
Germany, Fed. Rep. of . . . . .	1,009	403	403	Other countries:			
Netherlands . . . . .	97	73	185	Canada . . . . .	1,085	993	1,002
Norway . . . . .	56	73	60	Taiwan . . . . .	36	57	62
Sweden . . . . .	68	97	135	Hong Kong . . . . .	21	46	53
Switzerland . . . . .	48	77	31	Japan . . . . .	705	884	644
United Kingdom . . . . .	116	101	10	Kuwait . . . . .	5	15	3
Other countries . . . . .	3	17	7	Saudi Arabia . . . . .	27	16	24
Total . . . . .	1,554	1,013	957	Singapore . . . . .	20	38	48
Latin America:				Other countries . . . . .	43	37	35
Colombia . . . . .	6	32	33	Total . . . . .	1,942	2,086	1,871
Panama . . . . .	27	27	44	Grand total . . . . .	3,557	3,192	3,007
Venezuela . . . . .	2	3	17				
Other countries . . . . .	15	17	266				
Total . . . . .	50	79	160				

<sup>1</sup> Equivalent cases, 45-pound net weight. <sup>2</sup> Includes 29,000 cases to Argentina.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 350.—Pears: Production and value, United States, 1966-80**

Year	Total production	Utilized production	Season average price <sup>2</sup>	Value	Year	Total production	Utilized production	Season average price <sup>2</sup>	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
1966 . . . . .	748,170	720,915	87.80	63,273	1974 . . . . .	741,720	740,660	169.00	125,389
1967 . . . . .	463,880	452,780	164.00	74,073	1975 . . . . .	748,000	741,800	143.00	105,765
1968 . . . . .	624,140	617,680	135.00	83,462	1976 . . . . .	839,100	819,100	124.00	101,890
1969 . . . . .	726,620	711,570	101.00	71,815	1977 . . . . .	781,600	779,500	146.00	113,520
1970 . . . . .	548,805	538,780	133.00	71,655	1978 . . . . .	723,250	723,250	219.00	158,724
1971 . . . . .	749,070	707,220	94.50	66,810	1979 . . . . .	854,700	854,200	204.00	174,295
1972 . . . . .	612,100	608,680	139.00	84,426	1980 <sup>1</sup> . . . . .	893,800	893,800	196.00	174,876
1973 . . . . .	730,420	725,840	138.00	100,104					

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 344

<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> Beginning June 1965, exports of 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; 48 pounds fresh equals 1 bushel. <sup>5</sup> Year beginning October. <sup>6</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 351.—Pears: Production and season average price per ton, by States, 1978–80

Variety and State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
Calif., all	288,300	364,800	397,700	288,300	364,800	397,700	220.00	197.00	184.00
Bartlett	281,000	355,000	387,000	281,000	355,000	387,000	219.00	197.00	185.00
Other	7,300	9,800	10,700	7,300	9,800	10,700	278.00	208.00	159.00
Colo.	1,950	4,600	4,600	1,950	4,400	4,600	212.00	209.00	183.00
Conn.	1,600	1,500	1,500	1,600	1,500	1,500	410.00	450.00	470.00
Mich.	10,000	9,000	10,000	10,000	9,000	10,000	201.00	198.00	223.00
N.Y.	18,500	18,000	17,500	18,500	17,700	17,500	205.00	182.00	215.00
Oreg., all	151,500	205,000	200,000	151,500	205,000	200,000	222.00	202.00	189.00
Bartlett	55,500	85,000	80,000	55,500	85,000	80,000	195.00	172.00	170.00
Other	96,000	120,000	120,000	96,000	120,000	120,000	237.00	224.00	202.00
Fa.	3,700	3,100	3,500	3,700	3,100	3,500	287.00	294.00	299.00
Utah	1,700	2,700	3,000	1,700	2,700	3,000	350.00	280.00	300.00
Wash., all	246,000	246,000	256,000	246,000	246,000	256,000	216.00	214.00	212.00
Bartlett	132,000	153,000	143,000	132,000	153,000	143,000	205.00	180.00	185.00
Other	114,000	93,000	113,000	114,000	93,000	113,000	228.00	269.00	246.00
U.S.	723,250	854,700	893,800	723,250	854,200	893,800	219.00	204.00	196.00

<sup>1</sup> Preliminary.<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 352.—Pears, fresh (dessert and cooking): Production in specified countries, 1978–80<sup>1</sup>

Continent and country	1978	1979	1980 <sup>2</sup>	Continent and country	1978	1979	1980 <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>
North America:				Europe—Continued			
Canada <sup>3</sup>	35	34	40	Switzerland <sup>3,4</sup>	20	19	19
Mexico	46	48	45	Yugoslavia	92	108	120
United States <sup>3</sup>	660	768	804	Total Other Europe	691	747	723
Total	741	850	889	Total Europe	2,830	2,785	3,048
Europe:				Asia:			
Belgium and Luxembourg	66	51	70	Japan	495	512	540
Denmark <sup>3</sup>	6	8	5	Turkey	270	275	300
France <sup>4</sup>	345	406	422	Total	765	787	840
Germany, Fed. Rep. of	374	367	394	Southern Hemisphere:			
Italy	1,212	1,030	1,280	Argentina	150	160	155
Netherlands	110	105	110	Australia	108	135	125
United Kingdom <sup>4</sup>	26	71	44	Chile	33	36	39
Total EC	2,139	2,038	2,325	New Zealand	14	14	15
Other Europe:				South Africa	112	125	124
Austria <sup>4</sup>	45	47	42	Total	417	470	458
Greece	81	105	111	Total specified countries	4,753	4,892	5,235
Norway	11	5	6				
Spain <sup>4</sup>	437	455	420				
Sweden <sup>3</sup>	5	8	5				

<sup>1</sup> May include some cider varieties in countries not reporting separately. <sup>2</sup> Preliminary. <sup>3</sup> Commercial crop.<sup>4</sup> Excludes cider pears reported separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 353.—Pears, fresh: International trade, 1977-79

Continent and country	1977		1978		1979	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<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 .....	651	23,004	1,622	21,690	789	26,974
United States .....	35,090	4,276	35,791	5,753	39,316	6,777
Total .....	35,741	27,280	37,413	27,443	40,105	33,751
South America:						
Argentina .....	68,500	.....	75,966	.....	69,202	50
Brazil .....	.....	60,000	.....	59,670	.....	48,686
Chile .....	9,054	.....	15,828	.....	20,781	.....
Total .....	77,554	60,000	91,794	59,670	89,983	48,736
Europe:						
Austria .....	5,699	16,607	195	12,046	8	16,283
Belgium and Luxembourg .....	14,671	21,803	18,219	20,720	19,333	17,909
Denmark .....	860	6,691	269	6,319	267	6,778
Finland .....	.....	7,000	.....	6,953	117	7,083
France .....	38,613	81,640	67,181	46,806	67,181	46,806
Germany, Fed. Rep. of .....	36,639	142,587	5,313	118,929	5,885	141,508
Ireland .....	.....	3,000	.....	2,905	45	2,958
Italy .....	226,162	8,229	113,955	12,784	158,553	24,004
Netherlands .....	45,940	23,349	51,154	18,701	50,362	25,886
Norway .....	.....	12,563	.....	7,538	.....	350
Sweden .....	597	20,819	535	19,806	513	18,729
United Kingdom .....	.....	48,765	.....	45,307	958	44,959
Yugoslavia .....	41	4,280	488	971	.....	935
Total .....	369,222	397,333	257,309	319,785	303,222	354,188
Africa:						
Morocco .....	40	.....	31	.....	.....	.....
South Africa .....	39,841	.....	35,601	.....	41,505	25
Total .....	39,881	.....	35,632	.....	41,505	25
Asia:						
Hong Kong .....	2,126	.....	2,123	.....	5,507	346
Japan .....	10,361	52,333	8,069	51,693	7,100	58,847
Total .....	12,487	52,333	10,192	51,693	12,607	59,193
Oceania:						
Australia .....	21,551	.....	26,600	.....	33,565	.....
New Zealand .....	1,203	.....	1,169	.....	1,585	.....
Total .....	22,754	.....	27,769	.....	35,150	.....
World total .....	557,639	536,946	460,109	458,591	522,572	495,893

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 354.—Pears: Foreign trade, United States, 1966-79

Year beginning July	Imports for consumption, fresh	Domestic exports					
		Fresh <sup>1</sup>	Canned	Dried <sup>1</sup>	Dried, in fruit salad <sup>1,2</sup>	Canned, in fruit salad <sup>3</sup>	Total, in terms of fresh fruit <sup>4</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels
1966	15,109	67,655	7,184	426	906	53,512	2,740
1967	26,469	51,190	3,375	205	839	33,165	1,890
1968	30,995	36,742	4,547	369	656	39,193	1,743
1969	23,582	67,999	4,155	380	718	44,186	2,470
1970	37,456	41,455	13,445	311	565	30,437	1,821
1971	16,403	56,304	9,295	377	607	27,426	1,988
1972	33,598	53,602	10,263	750	582	34,536	2,141
1973	18,479	86,277	11,879	243	656	40,503	2,890
1974	18,539	76,320	6,335	215	644	29,189	2,321
1975	15,606	74,767	7,864	571	677	28,052	2,376
1976 <sup>5</sup>	9,476	60,602	7,380	628	595	31,881	2,156
1977 <sup>5</sup>	12,732	78,802	9,524	( <sup>6</sup> )	683	33,283	2,521
1978 <sup>5</sup>	15,053	86,167	6,634	( <sup>6</sup> )	515	32,867	2,580
1979 <sup>5</sup>	17,766	86,795	5,787	( <sup>6</sup> )	880	42,174	2,810

<sup>1</sup> Net processed weight.<sup>2</sup> Dried pears are 16<sup>2</sup>/<sub>3</sub> percent of total dried fruit for salad.<sup>3</sup> Canned pears are 35 percent of total canned fruit for salad.<sup>4</sup> Canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.0 pound fresh. Dried pears converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh. 50 pounds fresh equals 1 bushel.<sup>5</sup> Year beginning October.<sup>6</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 355.—Pears: Production and utilization, United States, 1966-80

Crop of—	Total production	Utilized production	Utilization of quantities sold		
			Fresh <sup>1</sup>	Processed (fresh basis)	
				Canned <sup>2</sup>	Dried
	Tons	Tons	Tons	Tons	Tons
1966	748,170	720,915	290,964	421,651	8,300
1967	463,880	452,780	191,878	259,702	1,200
1968	624,140	617,680	212,414	402,666	2,600
1969	726,620	711,570	271,151	436,219	4,200
1970	548,805	538,780	197,923	337,357	3,500
1971	749,070	707,220	284,787	417,933	4,500
1972	612,100	608,680	251,035	352,345	5,300
1973	730,420	725,840	307,230	413,710	4,900
1974	741,720	740,660	295,960	439,600	5,100
1975	748,000	741,800	326,780	( <sup>3</sup> )	( <sup>3</sup> )
1976	839,100	819,100	339,230	( <sup>3</sup> )	( <sup>3</sup> )
1977	781,600	779,500	298,200	( <sup>3</sup> )	( <sup>3</sup> )
1978	723,250	723,250	297,070	( <sup>3</sup> )	( <sup>3</sup> )
1979	854,700	854,200	300,100	( <sup>3</sup> )	( <sup>3</sup> )
1980 <sup>4</sup>	893,800	893,800	342,510	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Includes "Home use."<sup>2</sup> For some States includes some dried or otherwise processed.<sup>3</sup> Not published to avoid disclosure of individual operation.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 356.—Pears: Production and utilization, by States, crop of 1980 (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>
Calif., all	397,700	397,700	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett	387,000	387,000	72,000	315,000
Other	10,700	10,700	( <sup>3</sup> )	( <sup>3</sup> )
Colo	4,600	4,600	( <sup>3</sup> )	( <sup>3</sup> )
Conn	1,500	1,500	1,500	.....
Mich	10,000	10,000	( <sup>3</sup> )	( <sup>3</sup> )
N.Y.	17,500	17,500	( <sup>3</sup> )	( <sup>3</sup> )
Oreg., all	200,000	200,000	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett	80,000	80,000	13,000	67,000
Other	120,000	120,000	( <sup>3</sup> )	( <sup>3</sup> )
Pa	3,500	3,500	( <sup>3</sup> )	( <sup>3</sup> )
Utah	3,000	3,000	3,000	.....
Wash., all	256,000	256,000	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett	143,000	143,000	32,900	110,100
Other	113,000	113,000	( <sup>3</sup> )	( <sup>3</sup> )
U.S.	893,800	893,800	342,510	551,290

<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.

Statistical Reporting Service.

Table 357.—Papayas: Area, yield, production, utilization, price, and value, Hawaii, 1966-80

Year	Area harvested	Yield per acre	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>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966	600	31.1	18,680	15,225	3,455	7.1	1,326
1967	760	30.1	22,845	19,393	3,452	7.4	1,691
1968	830	28.4	23,550	20,085	3,465	9.6	2,261
1969	850	22.6	19,235	16,337	2,898	12.4	2,385
1970	1,040	24.0	24,960	23,938	1,022	9.8	2,436
1971	970	21.4	20,725	19,172	1,553	13.2	2,736
1972	985	26.1	25,735	21,959	3,776	13.3	3,423
1973	1,430	23.0	32,824	28,848	3,976	12.7	4,180
1974	1,690	22.0	37,224	34,529	2,695	13.1	4,871
1975	1,840	21.7	39,896	34,952	4,944	14.2	5,668
1976	1,930	25.9	50,037	43,588	6,449	12.3	6,134
1977	2,155	29.5	63,548	53,987	9,561	11.9	7,565
1978	2,190	29.2	64,000	54,624	9,376	13.0	8,320
1979	2,210	18.6	41,015	36,446	4,569	23.2	9,515
1980 <sup>1</sup>	1,950	25.1	48,916	45,360	3,556	20.4	9,979

<sup>1</sup> Preliminary.

Statistical Reporting Service.



**Table 358.—Persimmons: Production, price, and value, California, 1966–77<sup>1</sup>**

Year	Production	Price per ton	Value	Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 .....	2,300	127.00	292	1972 .....	2,500	229.00	573
1967 .....	1,200	240.00	288	1973 .....	1,950	373.00	727
1968 .....	1,500	164.00	246	1974 .....	2,500	334.00	835
1969 .....	1,600	125.00	200	1975 .....	1,550	345.00	535
1970 .....	2,000	122.00	244	1976 .....	2,200	396.00	871
1971 .....	1,350	126.00	170	1977 .....	2,000	350.00	700

<sup>1</sup> Estimates discontinued after 1977 crop.

Statistical Reporting Service.

**Table 359.—Pomegranates: Production, price, and value, California, 1966–80**

Year	Production	Price per ton	Value	Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 .....	3,400	100.00	340	1974 .....	8,100	151.00	1,223
1967 .....	2,400	118.00	283	1975 .....	8,600	143.00	1,230
1968 .....	2,900	97.00	281	1976 .....	9,000	210.00	1,890
1969 .....	7,400	123.00	910	1977 .....	10,000	143.00	1,430
1970 .....	8,000	125.00	1,000	1978 .....	9,500	233.00	2,214
1971 .....	8,500	131.00	1,114	1979 .....	8,600	324.00	2,786
1972 .....	7,100	124.00	880	1980 <sup>1</sup> .....	12,000	293.00	3,516
1973 .....	5,800	170.00	986				

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 360.—Prunes and plums:<sup>1</sup> Production, value, and utilization, 4 States, 1966–80**

Year	Total production	Utilized production	Season average price per ton	Value	Utilization of quantities sold			
					Fresh <sup>2</sup>	Processed (fresh basis)		
						Dried	Canned <sup>3</sup>	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>
1966	67,200	66,180	99.70	6,600	33,720	7,100	24,010	1,350
1967	75,700	73,972	95.80	7,084	34,343	7,400	29,829	2,400
1968	45,000	41,280	114.00	4,694	25,010	300	14,995	975
1969	104,000	94,200	82.90	7,811	43,280	7,400	38,020	5,500
1970	51,500	48,350	121.00	5,826	28,040	3,950	13,110	3,250
1971	88,400	65,000	89.60	5,821	34,280	5,500	23,000	2,220
1972	42,400	41,880	173.00	7,228	29,040	2,000	7,460	3,380
1973	73,300	66,550	148.00	9,816	29,350	11,050	21,730	4,420
1974	71,200	71,200	150.00	10,685	35,350	(4)	21,665	(4)
1975	75,600	71,600	113.00	8,097	34,550	11,000	23,500	2,550
1976	77,000	73,500	123.00	9,046	38,150	12,850	20,900	1,600
1977	61,000	58,000	158.00	9,175	30,700	11,800	14,200	1,300
1978	69,800	69,200	156.00	10,797	40,950	9,050	16,100	3,100
1979	62,200	62,200	208.00	12,934	36,500	11,900	11,900	1,900
1980 <sup>5</sup>	76,600	76,600	180.00	13,777	41,100	14,800	18,500	2,200

<sup>1</sup> Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Some quantities of frozen, dried, or otherwise processed are included in "Canned" to avoid disclosure of individual operations prior to 1969. Beginning 1969, some quantities dried or otherwise processed are included in "Frozen" until 1975. Beginning 1975, other uses included in "Dried."

<sup>4</sup> Not published to avoid disclosure of individual operations.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 361.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1978–80**

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <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>
Idaho	7,500	7,500	8,000	6,900	7,500	8,000	206.00	324.00	344.00
Mich	24,000	14,000	12,500	24,000	14,000	12,500	138.00	207.00	208.00
Oreg	17,000	26,000	33,000	17,000	26,000	33,000	170.00	184.00	151.00
Wash	21,300	14,700	23,100	21,300	14,700	23,100	149.00	192.00	149.00
Total, 4 States	69,800	62,200	76,600	69,200	62,200	76,600	156.00	208.00	180.00

<sup>1</sup> Preliminary.

<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

**Table 362.—Plums, California: Production, value, and utilization, 1966–80**

Season	Total production	Utilized production	Season average price per ton <sup>1</sup>	Value	Utilization of quantities sold	
					Fresh <sup>2</sup>	Processed
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>
1966	95,000	86,000	182.00	15,652	82,400	3,600
1967	98,000	95,000	180.00	17,100	90,400	4,600
1968	106,000	106,000	178.00	18,868	100,700	5,300
1969	67,000	67,000	237.00	15,879	63,600	3,400
1970	123,000	123,000	160.00	19,680	119,300	3,700
1971	101,000	101,000	229.00	23,129	98,200	2,800
1972	96,000	96,000	248.00	23,808	93,300	2,700
1973	97,000	97,000	321.00	31,137	93,800	3,200
1974	143,000	143,000	275.00	39,325	140,000	3,000
1975	124,000	124,000	279.00	34,596	121,360	2,640
1976	115,000	115,000	380.00	43,700	111,900	3,100
1977	157,000	157,000	313.00	49,141	156,000	1,000
1978	154,000	154,000	370.00	56,980	151,000	3,000
1979	175,000	175,000	277.00	48,475	( <sup>3</sup> )	( <sup>3</sup> )
1980 <sup>4</sup>	160,000	160,000	449.00	71,840	157,400	2,600

<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>Includes "Home use."

<sup>3</sup>Data not published to avoid disclosure of individual operations but included in total.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

**Table 363.—Prunes (dried basis), California: Production, price and value, 1966–80<sup>1</sup>**

Season	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value
1966	132,000	325.00	42,900
1967	164,000	276.00	45,264
1968	153,000	301.00	46,053
1969	130,000	288.00	37,440
1970	200,000	202.00	40,400
1971	131,000	287.00	37,597
1972	77,000	535.00	41,195
1973	205,000	462.00	94,710
1974	142,000	440.00	62,480
1975	149,000	402.00	59,898
1976	148,000	412.00	60,976
1977	159,000	499.00	79,341
1978	132,000	696.00	91,872
1979	136,000	812.00	110,432
1980 <sup>4</sup>	163,000	690.00	112,470

<sup>1</sup>The drying ratio is approximately 3 pounds of fresh fruit to 1 pound of dried fruit.

<sup>2</sup>Production all utilized.

<sup>3</sup>Equivalent returns at the processing plant door.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

**Table 364.—Prunes and plums:<sup>1</sup> Utilization and season average price per ton, 1978–80**

State and Season	Quantity				Price <sup>4</sup>		
	Fresh <sup>2</sup>	Dried and other <sup>3</sup>	Canned	Frozen	Fresh	Dried and other	Canned
Idaho:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1978	(5)	(5)	.....	.....	(5)	(5)	.....
1979	(5)	(5)	.....	.....	(5)	(5)	.....
1980	(5)	(5)	.....	.....	(5)	(5)	.....
Mich.:							
1978	9,400	.....	12,300	.....	208.00	.....	94.00
1979	7,400	.....	6,000	.....	280.00	.....	127.00
1980	5,600	.....	6,900	.....	249.00	.....	175.00
Oreg.:							
1978	(5)	(5)	(5)	.....	(5)	(5)	(5)
1979	(5)	(5)	(5)	.....	(5)	(5)	(5)
1980	(5)	(5)	(5)	.....	(5)	(5)	(5)
Wash.:							
1978	15,300	(5)	(5)	.....	172.00	(5)	(5)
1979	12,100	(5)	(5)	.....	219.00	(5)	(5)
1980	18,000	(5)	(5)	.....	170.00	(5)	(5)
Total 4 States:							
1978	40,950	9,050	16,100	3,100	188.00	98.00	116.00
1979	36,500	11,900	11,900	1,900	258.00	145.00	131.00
1980	41,100	14,800	18,500	2,200	217.00	133.00	146.00

<sup>1</sup> Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Some quantities otherwise processed are included to avoid disclosure of individual operations.

<sup>4</sup> Prices for fresh sales are average prices as sold for Idaho and Michigan; equivalent packinghouse door returns for Oregon and Washington. Quantities processed are priced at the equivalent processing plant door level.

<sup>5</sup> Not published to avoid disclosure of individual operations, but is included in total.

Statistical Reporting Service.

**Table 365.—Prunes and plums, fresh: Production in specified countries, 1978–80**

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</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>
North America:				Europe—Continued			
Canada	6.5	7.7	9.3	Yugoslavia	655.0	517.0	639.0
United States	575.4	602.6	729.2	Total	1,650.2	1,433.6	1,664.1
Total	581.9	610.3	738.5	Asia:			
Europe:				Turkey	149.0	140.0	120.0
Austria	84.4	87.2	90.9	Southern Hemisphere:			
Belgium and Luxembourg	5.8	8.8	6.0	Argentina	57.0	71.0	69.0
Denmark	.8	1.6	1.5	Australia	18.6	28.9	18.0
France	78.1	83.9	77.6	Chile	14.8	14.5	14.0
Germany, Fed. Rep. of	511.9	406.3	535.1	New Zealand	2.6	5.2	3.5
Italy	148.7	160.7	150.0	South Africa	6.8	9.2	11.4
Netherlands	10.6	8.9	7.5	Total	99.8	128.8	115.9
Norway	15.8	11.8	10.5	Total specified countries	2,480.9	2,312.7	2,638.5
Spain	84.0	83.0	88.0				
Switzerland	10.7	15.8	14.5				
United Kingdom	44.4	48.6	43.5				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 366.—Prunes, dried: United States exports by country of destination, 1977/78–79/80

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1977/78	1978/79	1979/80		1977/78	1978/79	1979/80
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean:			
Austria . . . . .	413	241	364	Bahamas . . . . .	8	5	7
Belgium and Luxembourg . . . . .	1,600	1,376	1,540	Bermuda . . . . .	4	11	116
Denmark . . . . .	2,251	2,828	2,154	Dominican Republic . . . . .	103	94	116
Finland . . . . .	2,747	1,944	2,878	Jamaica . . . . .	17	5	276
France . . . . .	13,153	2,104	3,515	Netherlands Antilles . . . . .	78	60	187
Germany, Fed. Rep. of . . . . .	4,132	4,891	3,755	Trinidad and Tobago . . . . .	485	168	9
Iceland . . . . .	91	69	82	Other countries . . . . .	16	7	
Ireland . . . . .	182	41	124				
Italy . . . . .	7,551	7,273	7,193	Total . . . . .	711	350	595
Netherlands . . . . .	1,054	778	1,110				
Norway . . . . .	1,802	2,331	1,406	Other countries:			
Poland . . . . .		19		Australia . . . . .	109	131	134
Spain . . . . .	1,024	1,267	1,132	Cameroon . . . . .	120		
Sweden . . . . .	2,843	2,444	2,313	Canada . . . . .	3,756	3,269	3,280
Switzerland . . . . .	521	636	674	Canary Islands . . . . .	43	50	29
United Kingdom . . . . .	2,565	1,952	2,215	Hong Kong . . . . .	515	280	297
Other countries . . . . .	28	8	23	Israel . . . . .	5	146	
Total . . . . .	41,957	30,202	30,478	Japan . . . . .	1,199	3,578	3,197
				Malaysia . . . . .	296	254	331
Latin America:				New Zealand . . . . .	492	590	513
Brazil . . . . .	126	103	130	Singapore . . . . .	651	618	786
Colombia . . . . .	182	55	267	South Africa . . . . .	1		352
Costa Rica . . . . .	7	17	23	Soviet Union . . . . .	241		
Ecuador . . . . .	121	75	65	Taiwan . . . . .	370	513	308
Guatemala . . . . .	45	50	29	Thailand . . . . .	43		
Mexico . . . . .	819	1,077	683	Other countries . . . . .	216	79	112
Nicaragua . . . . .	34	17	4				
Panama . . . . .	87	168	117	Total . . . . .	8,057	9,508	9,339
Venezuela . . . . .	1,617	1,271	837				
Other countries . . . . .	86	69	62	Grand total . . . . .	53,849	42,962	42,629
Total . . . . .	3,124	2,902	2,217				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 367.—Prunes: Foreign trade, United States, 1966–79

Year beginning July	Imports			Domestic exports				
	Fresh prunes and plums	Otherwise 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>1,000 tons</i>	<i>1,000 pounds</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>
1966 . . . . .	836	1,167	520	2,711	6,214	46,734	1,169	130,576
1967 . . . . .	1,846	1,230	680	4,165	13,862	45,390	1,082	134,509
1968 . . . . .	2,193	1,228	426	3,852	9,899	44,163	846	126,747
1969 . . . . .	1,491	1,311	1,028	4,748	10,613	40,320	926	117,692
1970 . . . . .	1,506	1,311	928	4,503	11,891	42,173	729	123,269
1971 . . . . .	939	1,634	1,015	4,308	14,732	42,259	782	126,473
1972 . . . . .	318	2,173	4,826	13,824	16,717	36,714	750	113,980
1973 . . . . .	813	1,988	597	18,462	17,824	58,816	846	156,717
1974 . . . . .	794	1,778	33	1,686	18,469	39,905	831	140,914
1975 . . . . .	1,520	2,086	298	3,229	21,897	70,234	873	206,500
1976 <sup>4</sup> . . . . .	903	1,950	549	3,205	23,680	52,812	767	162,779
1977 <sup>4</sup> . . . . .	1,630	1,700	290	3,147	25,794	58,034	881	178,746
1978 <sup>4</sup> . . . . .	1,532	1,777	396	3,360	22,239	47,685	665	147,762
1979 <sup>4</sup> . . . . .	86	1,766	463	2,082	23,411	48,484	1,135	152,230

<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> Otherwise prepared or preserved converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh.

<sup>4</sup> Dried prunes in salad estimated at 43 percent of total dried fruit for salad.

<sup>4</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 368.—Strawberries, commercial crop: Area, yield production, value per unit, and total value, United States 1966–80**

Year	Fresh market and processing					Fresh market <sup>1</sup>			Processing		
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production of value	Value <sup>2</sup>		Production of value	Value <sup>2</sup>	
				Per unit	Total		Per unit	Total		Per unit	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>
1966	66,180	70	4,644	22.20	103,068	2,659	26.20	69,656	1,985	16.80	33,412
1967	63,700	74	4,740	20.50	97,029	2,818	24.50	61,101	1,922	14.50	27,928
1968	58,700	90	5,256	21.30	112,010	3,373	24.30	81,827	1,883	16.00	30,183
1969	53,500	91	4,862	22.60	109,771	3,154	25.90	81,697	1,708	16.40	28,074
1970	50,400	98	4,960	21.50	106,467	3,164	24.80	78,533	1,796	15.60	27,934
1971	47,780	109	5,207	22.50	116,975	3,404	25.40	86,394	1,803	14.50	26,081
1972	43,410	106	4,602	24.00	110,262	3,211	27.10	86,948	1,391	16.80	23,314
1973	40,610	118	4,796	27.60	132,186	3,164	31.00	97,934	1,632	21.00	34,252
1974	39,260	137	5,388	28.80	155,122	3,706	32.50	120,288	1,682	20.70	34,834
1975	39,590	139	5,506	30.60	168,352	3,774	35.50	133,917	1,732	19.90	34,435
1976	34,450	169	5,807	32.90	191,022	3,695	37.70	139,268	2,112	24.50	51,754
1977	35,650	186	6,619	33.20	219,958	4,298	39.10	167,949	2,321	22.40	52,009
1978	37,600	175	6,592	31.70	209,257	4,779	36.70	175,155	1,813	18.80	34,102
1979	36,300	176	6,383	38.70	246,850	4,360	43.40	189,105	2,023	28.50	57,745
1980 <sup>1</sup>	35,650	197	7,017	41.20	288,776	4,821	47.90	231,115	2,196	26.30	57,661

<sup>1</sup> Excludes the following quantities not harvested and not marketed because of economic conditions (1,000 hundred-weight: 4 in 1966, 44 in 1967, 70 in 1969, 100 in 1970, 1 in 1977, and 1 in 1978).

<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.

Statistical Reporting Service.

**Table 369.—Strawberries, commercial crop: Area, production, value per hundredweight, by States, 1978–80<sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
Winter:									
Fla . . . . .	<i>Acres</i> 2,200	<i>Acres</i> 2,400	<i>Acres</i> 2,500	<i>1,000 cwt.</i> 352	<i>1,000 cwt.</i> 384	<i>1,000 cwt.</i> 475	<i>Dollars per cwt.</i> 57.40	<i>Dollars per cwt.</i> 57.70	<i>Dollars per cwt.</i> 58.80
Total . . . . .	2,200	2,400	2,500	352	384	475	57.40	57.70	58.80
Spring:									
Ark . . . . .	500	400	400	20	18	26	30.00	42.80	30.50
Calif . . . . .	12,900	11,500	11,000	5,031	4,715	5,170	28.70	36.00	39.40
La . . . . .	800	700	650	53	46	39	38.30	44.50	46.90
Mich . . . . .	2,800	2,800	2,700	210	196	176	38.00	51.20	47.50
N.J . . . . .	1,000	900	900	50	34	38	43.20	40.00	61.40
N.Y . . . . .	2,200	2,300	2,300	108	138	143	53.90	55.90	41.40
N.C. <sup>3</sup> . . . . .	2,100	2,100	2,100	32	53	61	35.00	43.00	41.60
Ohio . . . . .	1,900	1,900	1,900	110	105	133	44.00	44.00	49.60
Oreg. <sup>4</sup> . . . . .	5,000	5,200	5,200	340	426	463	27.00	33.70	33.10
Pa . . . . .	1,500	1,500	1,600	56	57	62	65.70	67.60	72.60
Wash . . . . .	3,300	3,100	2,900	175	164	174	25.40	34.70	34.70
Wis. <sup>3</sup> . . . . .	1,400	1,500	1,500	55	47	57	48.00	48.00	49.00
Total . . . . .	35,400	33,900	33,150	6,240	5,999	6,542	30.30	37.50	39.90
U.S . . . . .	37,600	36,300	35,650	6,592	6,383	7,017	31.70	38.70	41.20

<sup>1</sup> Includes quantities used for fresh market and processing.

<sup>2</sup> Preliminary.

<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight: 1978 – North Carolina, 1; 1979 – Oregon, 26 and Wisconsin, 2; 1980 – North Carolina, 4, Oregon, 42, and Wisconsin, 2.

Statistical Reporting Service.

**Table 370.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1978–80**

Utilization, season, and State	Production			Value per unit		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
FOR FRESH MARKET <sup>2</sup>						
Winter:	<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>
Fla . . . . .	352	384	475	57.40	57.70	58.80
Total . . . . .	352	384	475	57.40	57.70	58.80
Spring:						
Ark . . . . .	20	18	26	30.00	42.80	30.50
Calif . . . . .	3,732	3,266	3,561	33.20	40.20	46.30
La . . . . .	53	46	39	38.30	44.50	46.90
Mich . . . . .	140	143	137	42.00	56.10	51.10
N.J . . . . .	50	34	38	43.20	40.00	61.40
N.Y . . . . .	108	138	143	53.90	55.90	41.40
N.C . . . . .	32	53	61	35.00	43.00	41.60
Ohio . . . . .	110	105	133	44.00	44.00	49.60
Oreg . . . . .	36	39	43	33.00	41.00	45.00
Pa . . . . .	56	57	62	65.70	67.60	72.60
Wash . . . . .	35	30	46	31.20	38.00	45.00
Wis . . . . .	55	47	57	48.00	48.00	49.00
Total . . . . .	4,427	3,976	4,346	35.00	42.00	46.80
U.S . . . . .	4,779	4,360	4,821	36.70	43.40	47.90
PROCESSING						
Spring:						
Calif . . . . .	1,299	1,449	1,609	15.90	26.50	24.20
Mich . . . . .	70	53	39	29.90	38.10	34.80
Oreg . . . . .	304	387	420	25.30	33.00	31.90
Wash . . . . .	140	134	128	24.00	34.00	31.00
U.S . . . . .	1,813	2,023	2,196	18.80	28.50	26.30

<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.

Statistical Reporting Service.

Table 371.—Fruits: Unloads at 8 markets, by commodities, 1980<sup>1</sup>

Commodity	Boston			New York <sup>3</sup>			Philadelphia			Baltimore <sup>4</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total
	<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>
Apples	57	586	643	897	955	1,852	91	468	559	9	326	335
Grapefruit	32	462	494	82	1,531	1,613	8	399	407	...	259	259
Grapes	38	281	319	148	552	700	15	246	261	1	145	146
Lemons	37	108	145	144	522	666	45	123	168	11	59	70
Mixed citrus	73	...	73	107	...	107	14	...	14	14	...	14
Oranges	683	259	942	1,309	1,433	2,742	395	480	875	25	366	391
Peaches	...	268	268	4	664	668	...	197	197	...	75	75
Pears	105	121	226	390	340	730	35	162	197	8	89	97
Plums and fresh												
prunes	25	122	147	118	287	405	15	89	104	...	53	53
Strawberries	20	103	123	112	201	313	22	74	96	7	54	61
Tangerines	...	138	138	...	558	558	...	131	131	...	69	69
Miscellaneous	59	879	938	2,821	1,078	3,899	18	986	1,004	814	356	1,170
Total	1,129	3,327	4,456	6,132	8,121	14,253	658	3,355	4,013	889	1,851	2,740

  

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>5</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total
	<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>
Apples	48	311	359	347	654	1,001	11	2,090	2,101	4	872	876
Grapefruit	...	134	134	27	315	342	...	581	581	...	478	478
Grapes	...	98	98	293	264	557	325	604	929	...	247	247
Lemons	...	77	77	86	124	210	...	307	307	...	107	107
Mixed citrus	...	...	...	14	...	14	...	...	...	...	1	1
Oranges	...	362	362	302	647	949	...	1,945	1,945	...	933	933
Peaches	...	109	109	12	246	258	3	415	418	...	219	219
Pears	...	28	28	75	172	247	...	320	320	...	162	162
Plums and fresh												
prunes	...	27	27	81	88	169	2	195	197	...	83	83
Strawberries	4	80	84	38	102	140	6	232	238	...	171	171
Tangerines	...	57	57	...	121	121	...	142	142	...	61	61
Miscellaneous	2	691	693	285	1,503	1,788	4,240	1,062	5,302	253	1,604	1,857
Total	54	1,974	2,028	1,560	4,236	5,796	4,587	7,893	12,480	257	4,938	5,195

<sup>1</sup>Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369.

<sup>2</sup>Estimated percentages of completeness for reported truck unloads for 1980 are as follows: Atlanta and San Francisco 80; Baltimore 85; Philadelphia, Chicago, and Los Angeles 90; Boston 90-95; New York 95.

<sup>3</sup>Includes Newark.

<sup>4</sup>Includes Washington.

<sup>5</sup>Includes Oakland.

Agricultural Marketing Service.



Table 372.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 1980<sup>1</sup>

Commodity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Citrus Fruit	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Grapefruit	2,499	2,963	2,876	2,598	1,604	618	181	32	56	1,702	2,153	2,399	19,681
Lemons	384	298	339	127	55	14	7	96	209	395	614	553	3,091
Mixed citrus	10	2	11	8	4	4	..	..	..	..	1	..	49
Oranges	1,271	1,510	1,635	1,754	1,920	1,048	592	304	111	408	1,835	4,852	17,240
Tangelos	299	25	..	..	..	..	..	..	..	36	462	847	1,669
Tangerines	502	616	477	285	70	10	2	1	3	297	553	815	3,631
Templets	998	1,048	218	11	1	..	..	..	..	..	..	14	2,290
Total	5,963	6,462	5,556	4,783	3,654	1,694	782	435	379	2,838	5,618	9,487	47,651
Non-citrus fruit													
Apples	2,515	2,542	3,142	2,301	2,318	1,374	877	823	2,276	3,056	3,886	3,557	28,667
Apricots	..	..	..	..	5	36	25	12	..	..	..	..	78
Avocados	179	111	153	129	158	129	158	215	167	233	354	329	2,315
Blueberries	..	..	..	..	4	54	134	76	5	..	..	..	273
Cherries	..	..	..	..	275	690	443	8	..	..	..	..	1,416
Grapes, Table	1	..	..	..	..	90	168	75	289	161	59	588	1,431
Grapes, Black Juice	..	..	..	..	..	..	..	..	..	355	181	..	536
Grapes, White Juice	..	..	..	..	..	..	..	..	308	188	1	..	497
Grapes, Mixed Juice	..	..	..	..	..	..	..	..	7	11	..	..	18
Mixed deciduous	12	16	8	8	3	8	25	15	6	29	41	27	198
Nectarines	..	..	..	..	126	868	1,274	659	499	47	..	..	3,473
Peaches	..	..	..	..	489	1,648	2,012	1,848	1,017	94	..	..	7,108
Pears	521	409	324	228	231	46	341	605	665	840	853	625	5,688
Plums-fresh prunes	..	..	..	..	161	679	1,377	822	415	63	..	..	3,517
Strawberries	48	54	184	182	459	533	310	173	148	82	39	4	2,216
Total	3,276	3,132	3,811	2,848	4,229	6,155	7,144	5,331	6,157	4,985	5,233	5,130	57,431
Miscellaneous fruit and berries													
Fruits <sup>2</sup>	1	4	2	..	7	19	1	1	13	12	60	32	152
Limes	28	26	21	21	46	74	99	89	60	51	47	54	616
Mangoes	..	..	..	..	9	28	28	22	1	..	..	..	89
Misc. citrus	..	..	..	..	..	..	..	..	9	328	65	..	402
Persimmons	..	..	..	..	..	..	..	..	..	3	5	6	14
Pomegranates	..	..	..	..	..	..	..	8	29	63	37	7	144
Total	29	30	23	21	62	121	128	120	112	458	214	99	1,417
Grand total	9,268	9,624	9,390	7,652	7,945	7,970	8,054	5,886	6,648	8,281	11,065	14,716	106,499

<sup>1</sup> Use of car/carlot equivalents for reporting shipments of fresh fruit was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 370. <sup>2</sup> Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail carriers, inspection service, and shipping points.

Table 373.—Fruits, noncitrus: Production, utilization, and value, United States, 1966-80<sup>1</sup>

Year	Utilized production	Fresh <sup>2</sup>	Processed					Value of utilized production <sup>4</sup>
			Canned	Dried	Juice <sup>3</sup>	Frozen	Wine <sup>3</sup>	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 dollars
1966	11,199	3,537	3,255	1,780	..	203	..	2,424
1967	9,730	3,106	2,849	1,322	..	245	..	2,208
1968	10,846	3,436	3,233	1,672	..	267	..	2,238
1969	11,991	3,743	3,462	1,612	667	254	2,054	1,118,519
1970	10,746	3,414	2,948	1,634	708	221	1,583	238
1971	11,416	3,452	2,914	1,431	877	240	2,310	192
1972	9,323	3,155	2,711	804	720	244	1,520	169
1973	11,694	3,465	2,819	1,795	598	254	2,567	196
1974	11,861	4,270	2,250	1,655	768	223	2,416	279
1975	12,305	4,734	2,056	1,920	863	251	2,276	205
1976	11,769	4,564	1,942	1,661	818	254	2,322	208
1977	12,216	4,531	2,060	1,870	841	244	2,412	258
1978	12,460	4,166	2,549	1,365	1,140	257	2,672	311
1979	13,702	4,371	2,758	2,044	1,285	226	2,713	305
1980 <sup>4</sup>	15,152	5,031	2,753	2,414	1,396	242	2,996	320

See footnotes on page 250.

Table 374.—Fruit juices, canned: United States packs, 1966-79

Season	Citrus juices <sup>1</sup>				Pine-apple juice <sup>2</sup>	Grape juice	Prune juice	Apple juice	Fruit nectars
	Grape-fruit	Orange	Blended orange and grape-fruit	Tangerine and tangerine blends					
	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>
1966	20,991	16,341	3,738	156	15,034	4,700	7,500	8,889	2,860
1967	15,826	10,414	2,187	49	15,081	4,600	7,400	8,726	2,860
1968	20,535	13,453	2,578	92	13,954	3,921	5,267	9,365	2,733
1969	22,124	14,296	2,419	47	15,014	<sup>1</sup> 7,200	<sup>1</sup> 9,200	13,390	( <sup>5</sup> )
1970	25,993	15,452	2,500	35	13,704	<sup>1</sup> 6,600	<sup>1</sup> 9,300	14,118	46,200
1971	26,777	13,852	1,983	16	13,641	( <sup>5</sup> )	( <sup>5</sup> )	13,696	( <sup>5</sup> )
1972	28,262	17,053	2,135	24	12,328	( <sup>5</sup> )	( <sup>5</sup> )	13,822	( <sup>5</sup> )
1973	29,001	13,819	1,983	18	11,350	( <sup>5</sup> )	( <sup>5</sup> )	12,852	( <sup>5</sup> )
1974	21,629	13,294	1,723	12	8,448	( <sup>5</sup> )	( <sup>5</sup> )	14,544	( <sup>5</sup> )
1975	25,821	13,460	2,769	19	8,713	( <sup>5</sup> )	( <sup>5</sup> )	15,013	( <sup>5</sup> )
1976	27,689	14,435	1,584	35	10,205	( <sup>5</sup> )	( <sup>5</sup> )	15,719	( <sup>5</sup> )
1977	26,379	15,829	1,945	8	11,977	( <sup>5</sup> )	( <sup>5</sup> )	17,056	( <sup>5</sup> )
1978	25,175	18,226	1,430	19	11,336	( <sup>5</sup> )	( <sup>5</sup> )	20,804	( <sup>5</sup> )
1979	24,228	18,367	1,534	17	12,186	( <sup>5</sup> )	( <sup>5</sup> )	25,305	( <sup>5</sup> )

<sup>1</sup>Excluding citrus concentrates. <sup>2</sup>Hawaii and foreign operations. <sup>3</sup>Equivalent cases of 24 No. 2 cans. <sup>4</sup>Thousand actual cases basis. <sup>5</sup>Not available.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 375.—Fruits, dried: Production (dry basis), United States, 1966-80

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	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>
1966	15,900	6,500	21,300	18,400	3,380	1,280	96,910	280,400	444,070
1967	9,980	3,670	20,800	10,900	1,960	180	122,110	181,200	350,800
1968	10,860	3,850	23,000	13,000	2,820	400	107,420	264,250	425,600
1969	17,669	6,430	16,500	14,370	3,510	764	91,300	251,800	402,343
1970	11,862	5,600	18,200	12,280	2,275	585	158,360	193,450	402,612
1971	6,012	4,000	19,500	10,370	1,860	750	91,850	194,830	329,172
1972	9,288	3,000	15,700	8,950	1,500	960	41,750	105,350	186,498
1973	15,481	3,260	23,100	11,220	1,500	790	161,760	224,550	441,661
1974	12,325	2,640	22,700	11,430	1,750	700	<sup>2</sup> 105,221	242,150	398,916
1975	14,344	4,500	24,800	8,840	2,375	980	<sup>2</sup> 102,695	283,650	442,184
1976	14,331	4,650	22,400	7,000	2,500	1,270	<sup>2</sup> 106,322	<sup>3</sup> 218,400	376,873
1977	14,094	5,100	25,400	11,000	2,500	1,130	<sup>2</sup> 116,414	248,900	424,538
1978	13,813	3,600	21,550	6,930	2,000	855	<sup>2</sup> 94,966	172,500	316,214
1979	15,982	5,300	22,350	10,240	1,800	1,530	<sup>2</sup> 95,451	303,400	456,053
1980 <sup>4</sup>	12,357	3,600	22,500	9,900	3,100	1,310	<sup>2</sup> 131,626	311,200	495,593

<sup>1</sup>Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates. <sup>2</sup>Excludes Oregon. <sup>3</sup>Excludes 65,000 tons laid but not harvested. Includes 72,600 tons substandard diverted for distilling purposes. <sup>4</sup>Preliminary.

Economic Research Service. Compiled from reports of the Department and trade sources. All data on a natural condition basis.

## FOOTNOTES FOR TABLE 373

<sup>1</sup>Apples, apricots, avocados, bananas, bushberries, cherries, cranberries, dates, figs, grapes, nectarines, olives, papayas, peaches, pears, pineapples, pomegranates, and prunes and plums. Persimmons discontinued after 1977.

<sup>2</sup>Includes "Home Use"

<sup>3</sup>Included in "Other" prior to 1969.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 376.—Fruits, dried: Commercial production in specified countries, 1978–80

Commodity and country	1978	1979	1980 <sup>1</sup>	Commodity and country	1978	1979	1980 <sup>1</sup>
Apples, dried:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Pears, dried:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
South Africa	247	118	251	Australia	291	153	200
Total	247	118	251	South Africa	570	636	888
Apricots, dried:				Total	861	789	1,088
Australia	2,051	2,380	1,500	Prunes, dried:			
Iran	5,000	4,000	3,500	Argentina	9,500	10,000	10,000
South Africa	1,139	1,505	1,704	Australia	2,214	4,000	2,400
Spain	680	900	700	Chile	5,200	5,400	5,500
Turkey	8,000	12,000	7,000	France	22,190	24,308	16,500
Total	16,870	20,785	14,404	South Africa	2,081	1,583	1,673
Currants:				Yugoslavia	14,350	10,798	15,000
Australia	4,375	6,124	6,450	Total	55,535	56,089	51,073
Greece	66,800	57,000	64,500	Raisins:			
South Africa	894	691	973	Australia	64,518	54,077	90,307
Total	72,069	63,815	71,923	Greece	81,000	79,000	61,350
Figs, dried:				Iran	70,000	60,000	60,000
Greece	18,350	18,230	17,000	South Africa	12,881	17,520	25,396
Portugal	4,250	5,000	3,500	Spain	2,500	3,500	3,300
Spain	4,250	6,000	5,000	Turkey	82,000	83,000	100,000
Turkey	50,000	52,000	57,000	Total	312,899	297,097	340,353
Total	76,850	81,230	82,500				
Peaches, dried:							
Australia	233	180	200				
Chile	1,300	1,300	1,300				
South Africa	1,931	2,354	2,707				
Total	3,464	3,834	4,207				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 377.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1980<sup>1</sup>

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</sup>	Total
	<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	<sup>6</sup> 13,882		29,101	26,126	69,109
Apricots				10,409	10,409
Cherries, red tart	16,466		98,002	14,541	129,009
Cherries, sweet			<sup>7</sup> 5,676	5,100	10,776
Grapes and pulp				<sup>7</sup> <sup>8</sup> 2,178	2,178
Peaches				<sup>6</sup> <sup>7</sup> <sup>8</sup> 56,274	56,274
Plums and prunes				<sup>7</sup> <sup>8</sup> 6,195	6,195
Purees, noncitrus <sup>*</sup>				<sup>6</sup> <sup>7</sup> <sup>8</sup> 8,913	8,913
Berries:					
Blackberries				<sup>7</sup> <sup>8</sup> 20,874	20,874
Blueberries	<sup>6</sup> 16,202		18,189	2,035	36,426
Boysenberries				4,678	4,678
Currants				<sup>7</sup> <sup>8</sup> 461	461
Gooseberries					( <sup>9</sup> )
Loganberries				1,905	1,905
Ollalieberries				3,646	3,646
Raspberries, black			<sup>7</sup> 2,786		2,786
Raspberries, red				<sup>7</sup> <sup>8</sup> 18,640	18,640
Strawberries			<sup>6</sup> 14,814	238,258	253,072
Citrus juices <sup>10</sup>		<sup>11</sup> 2,403,811			2,403,811
Miscellaneous fruits and berries <sup>9</sup>				<sup>6</sup> <sup>8</sup> 18,051	18,051
Total	46,550	2,403,811	168,568	438,284	3,057,213

See footnotes on page 254.

Table 378.—Fruits, frozen: Commercial pack, United States, 1971–80

Commodity	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
	<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 .....	96,999	130,377	135,086	99,180	89,704	118,759	97,204	68,337	60,827	69,109
Apricots .....	10,977	15,512	16,534	11,848	15,886	15,008	15,749	11,814	16,941	10,409
Cherries, red tart .....	159,408	145,570	109,368	137,976	126,073	84,113	154,600	126,300	116,300	129,009
Cherries, sweet .....	2,568	3,266	5,209	8,890	6,712	12,386	13,011	18,362	13,262	10,776
Grapes and pulp .....	5,761	5,333	4,145	2,897	( <sup>1</sup> )	1,723	4,892	4,529	2,264	2,178
Peaches .....	59,924	46,316	81,388	59,058	40,273	65,101	69,323	40,814	62,510	56,274
Plums and prunes .....	3,666	5,075	6,121	6,315	5,236	4,977	3,594	2,774	5,649	6,195
Purees, noncitrus .....	16,331	10,582	12,228	5,311	5,983	16,171	16,833	16,338	12,251	8,913
Berries:										
Blackberries .....	27,536	21,164	8,249	21,107	20,892	22,774	23,352	19,579	14,823	20,874
Blueberries .....	30,441	30,932	44,376	24,393	24,572	26,261	14,750	27,992	31,485	36,426
Boysenberries .....	6,245	6,203	6,275	5,093	4,815	4,094	3,836	3,048	2,732	4,678
Currants .....	803	758	1,114	630	543	1,123	765	654	475	461
Loganberries .....	1,858	1,517	852	1,877	2,954	2,371	3,427	2,089	1,276	1,905
Olallieberries .....	2,551	2,724	3,186	2,936	1,880	( <sup>1</sup> )	( <sup>1</sup> )	2,886	3,082	3,646
Raspberries .....	28,102	24,361	29,309	22,107	26,652	22,561	24,988	21,195	23,518	21,426
Strawberries .....	199,399	146,842	168,552	170,371	183,895	216,153	220,391	159,834	190,572	253,072
Citrus juices <sup>2</sup> .....	1,303,147	1,474,873	1,889,329	1,839,828	1,985,992	1,909,776	1,711,977	1,726,514	1,901,847	2,403,811
Miscellaneous fruits and berries .....	12,909	15,530	18,172	23,983	10,755	14,938	20,694	16,021	16,897	18,051
Total .....	1,968,625	2,086,935	2,539,493	2,443,800	2,552,817	2,538,289	2,399,386	2,269,080	2,476,711	3,057,213

<sup>1</sup> Included in miscellaneous fruits and berries.<sup>2</sup> Florida only. Calendar year estimate.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

**Table 379.—Fruit and juices: Cold-storage holdings, end of month, United States, 1979 and 1980**

Month	Fresh		Frozen					
	Apples		Apples		Blueberries		Cherries	
	1979	1980	1979	1980	1979	1980	1979	1980
	<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	2,061,710	2,226,463	90,220	83,908	32,503	33,989	61,316	57,311
February	1,536,430	1,597,172	98,337	86,812	28,685	28,898	52,947	49,240
March	1,049,153	1,046,602	85,104	81,099	25,603	24,410	41,386	43,794
April	676,430	651,180	80,672	68,875	21,605	21,636	34,948	37,251
May	352,649	322,067	74,196	62,227	18,554	18,521	29,304	32,387
June	167,706	140,178	66,021	55,784	17,099	15,981	25,638	28,172
July	39,218	19,699	56,856	50,129	18,639	16,876	70,351	90,348
August	12,566	3,934	44,619	42,170	38,749	37,831	94,970	122,578
September	1,834,992	1,550,085	37,578	36,022	45,276	44,082	87,281	115,931
October	3,870,195	4,366,534	43,721	43,775	41,326	38,418	82,351	105,984
November	3,380,447	4,019,636	56,235	48,520	38,692	32,956	72,238	95,200
December	2,790,159	3,244,578	65,490	58,445	36,376	29,405	67,297	89,388

  

Month	Frozen—Continued					
	Strawberries		Total frozen fruit		Orange juice	
	1979	1980	1979	1980	1979	1980
	<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	94,773	115,105	502,523	508,972	762,339	827,176
February	87,710	98,011	465,187	448,779	996,613	1,062,523
March	82,479	90,908	404,902	396,750	994,992	1,124,810
April	90,756	103,298	368,239	364,961	1,044,370	1,221,446
May	117,258	106,428	362,041	341,166	1,186,516	1,429,716
June	185,527	198,776	410,499	415,410	1,228,407	1,500,325
July	196,668	240,696	482,477	553,378	1,116,430	1,369,315
August	187,450	225,233	530,714	605,410	926,203	1,182,371
September	177,244	210,841	553,977	631,652	704,605	963,725
October	166,569	187,502	618,747	665,021	560,052	842,687
November	147,259	172,496	586,382	625,749	466,567	679,524
December	132,514	151,905	563,305	579,487	559,023	722,432

Statistical Reporting Service.

**Table 380.—Canned fruits and fruit juices: Cannery and distributors' stocks, beginning of season, United States, 1978-80**

Commodity	Season beginning—	Cannery stocks <sup>1</sup>			Distributors' stocks <sup>2</sup>		
		1978	1979	1980	1978	1979	1980
Canned fruits:		<i>1,000 cases<sup>3</sup></i>	<i>1,000 cases<sup>3</sup></i>	<i>1,000 cases<sup>3</sup></i>	<i>1,000 cases<sup>3</sup></i>	<i>1,000 cases<sup>3</sup></i>	<i>1,000 cases<sup>3</sup></i>
Apples	Aug. 1	597	632	985	261	257	237
Applesauce	Aug. 1	4,351	3,660	5,533	1,638	1,579	1,581
Apricots	June 1	711	419	351	315	319	351
Cherries, red pitted	July 1	15	21	126	95	106	118
Cherries, sweet	June 1	192	176	347	95	104	113
Grapefruit sections	Oct. 1	298	202	288	160	148	173
Peaches	June 1	8,496	4,772	6,951	2,952	2,621	2,789
Pears	June 1	3,832	3,758	5,268	1,363	1,358	1,206
Pineapple	June 1	12,245	12,669	13,296	1,825	1,951	1,867
Purple plums	June 1	504	350	217	162	159	107
Fruit cocktail	June 1	4,835	3,381	6,123	1,734	1,698	1,699
Canned juices:							
Grapefruit	Oct. 1	3,474	1,858	2,338	1,735	1,790	1,749
Orange	Oct. 1	2,157	1,788	1,868	1,406	1,452	1,681
Blended orange and grapefruit	Oct. 1	293	124	221	210	204	222
Pineapple	June 1	3,158	2,843	3,988	572	525	573

See footnotes on page 255.

Table 381.—Fruits: Total and per capita civilian consumption, United States, 1966–80<sup>1</sup>

Year	Fruits used fresh							
	Total fruits		Apples <sup>2</sup>		Citrus fruits		Other fresh fruits <sup>3</sup>	
	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>Millions pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1966	15,825	81.8	3,100	16.0	5,653	29.2	7,072	36.6
1967	16,012	82.0	3,169	16.2	6,211	31.8	6,632	34.0
1968	15,493	78.6	3,092	15.7	5,205	26.4	7,196	36.5
1969	15,835	79.5	2,966	14.9	5,652	28.4	7,217	36.2
1970	16,422	81.4	3,690	18.3	5,817	28.8	6,915	34.3
1971	16,534	80.7	3,299	16.1	5,984	29.2	7,251	35.4
1972	15,995	77.0	3,596	17.4	5,693	27.4	6,706	32.2
1973	15,984	76.3	3,052	14.7	5,741	27.4	7,191	34.2
1974	16,651	78.7	3,384	16.0	5,805	27.4	7,462	35.3
1975	17,843	83.5	3,787	17.7	6,285	29.4	7,771	36.4
1976	18,470	85.5	4,037	18.7	6,264	29.0	8,169	37.8
1977	17,901	82.0	3,703	17.0	5,723	26.2	8,475	38.8
1978	17,986	81.5	3,483	15.8	5,854	26.5	8,649	39.2
1979	18,568	83.3	3,791	17.0	5,467	24.5	9,310	41.8
1980 <sup>4</sup>	19,711	87.3	3,760	16.7	6,483	28.7	9,468	41.9

  

Year	Canned fruits <sup>5</sup>		Canned juices <sup>6</sup>		Dried fruits <sup>7</sup>		Frozen fruit and juices <sup>8</sup>	
	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>
1966	4,516	23.3	2,886	14.8	585	3.0	1,594	8.3
1967	4,497	23.0	3,122	15.9	544	2.8	2,009	10.3
1968	4,397	22.3	3,136	15.9	558	2.8	2,022	10.3
1969	4,901	24.6	3,727	18.7	527	2.6	1,914	9.6
1970	4,777	23.7	3,872	19.2	551	2.7	2,000	9.9
1971	4,549	22.1	4,057	19.8	538	2.6	2,318	11.3
1972	4,475	21.6	3,945	19.0	419	2.0	2,569	12.4
1973	4,510	21.5	4,236	20.2	536	2.5	2,531	12.1
1974	4,203	19.8	3,862	18.2	511	2.4	2,545	12.0
1975	4,159	19.5	4,340	20.3	633	2.9	3,010	14.1
1976	4,140	19.2	4,471	20.7	560	2.6	2,935	13.6
1977	4,244	19.4	4,223	19.4	548	2.5	3,068	14.1
1978	4,047	18.3	4,973	22.6	463	2.1	2,769	12.6
1979	4,069	18.3	4,996	22.4	597	2.7	2,808	12.6
1980 <sup>4</sup>	3,975	17.6	5,140	23.1	651	2.9	2,919	12.9

<sup>1</sup>Fresh citrus fruits are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for members of the Armed Forces not eating out of civilian supplies.

<sup>2</sup>Excludes noncommercial apples.

<sup>3</sup>Apricots, avocados, bananas, cherries, cranberries, figs, grapes, nectarines, peaches, pears, pineapple, papayas beginning 1960, plums and prunes, strawberries, bushberries beginning 1970, and miscellaneous fruit beginning 1970.

<sup>4</sup>Preliminary.

<sup>5</sup>Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, canned and chilled citrus sections, olives (including brined), pineapple, plums, prunes, peaches (including spiced), and pears. Figs excluded after 1972.

<sup>6</sup>Grapefruit, orange, blended citrus, lemon and lime, tangerine and blends, pineapple, apple, grape, and prune juices, and fruit nectars. Includes canned concentrated citrus juices converted to single-strength basis, but excludes all frozen juices. Includes chilled orange and grapefruit juice.

<sup>7</sup>Dried apples, apricots, dates, figs, peaches, pears, prunes, and raisins. Excludes unmerchantable figs, substandard prunes, and prunes used for juice and concentrate. Data are in terms of processed dried weight.

<sup>8</sup>Principally cherries, apples, peaches, apricots, strawberries, other berries, and citrus juices.

Economic Research Service.

FOOTNOTES FOR TABLE 377

<sup>1</sup>Includes the commercial pack only and does not include quantities produced in frozen food locker plants.

<sup>2</sup>Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, and Rhode Island. <sup>3</sup>Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. <sup>4</sup>Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. <sup>5</sup>Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. <sup>6</sup>Includes pack in South. <sup>7</sup>Includes pack in Northeast. <sup>8</sup>Includes pack in Midwest.

<sup>9</sup>Included with miscellaneous fruits and berries. Data for 1980 includes cantaloups, cranapple, cranberries, gooseberries, mixed fruit, Montmorency cherries, marionberries, and elderberries. <sup>10</sup>Calendar year estimate. (See table 323 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.) <sup>11</sup>Florida only.

<sup>12</sup>Data for 1980 includes purees of apple, apricot, banana, cherry, black and red raspberry, boysenberry, loganberry, grape, melons, nectarine, peach, plum and strawberry.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

Table 382.—Tree nuts (shelled basis): Supply and utilization, United States, 1966-80<sup>1</sup>

Crop year	United States production <sup>2</sup>	Imports <sup>3</sup>	Beginning stocks	Total supply	Exports <sup>3</sup>	Ending stocks	Civilian disappearance	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1966	243,180	119,180	86,250	448,610	36,070	76,460	336,080	1.73
1967	238,090	139,150	76,460	453,700	41,100	70,150	342,450	1.74
1968	238,540	158,300	70,150	466,990	36,650	71,290	359,050	1.81
1969	304,150	135,480	71,290	510,920	82,520	86,280	342,120	1.71
1970	295,940	148,900	86,280	531,120	96,370	76,700	358,050	1.76
1971	363,610	151,700	76,700	592,010	125,420	80,830	385,760	1.88
1972	310,260	178,770	80,830	569,860	108,750	55,690	405,420	1.94
1973	398,490	152,410	55,690	606,590	119,120	127,220	360,250	1.71
1974	392,530	116,215	127,220	635,965	151,440	153,780	330,745	1.55
1975	425,360	166,100	153,780	745,240	196,680	137,010	411,250	1.91
1976	449,950	161,810	137,010	748,770	223,500	114,670	410,600	1.89
1977	546,650	106,360	114,670	767,680	240,160	153,640	373,880	1.70
1978	395,660	130,350	153,640	679,650	178,990	123,210	377,450	1.70
1979	610,320	118,120	123,210	851,570	294,890	164,180	392,500	1.75
1980 <sup>4</sup>	561,330	100,310	164,180	825,820	264,210	171,010	390,600	1.72

<sup>1</sup> Includes almonds, filberts, pecans, walnuts, Brazil nuts, pignolias, pistachios, chestnuts, cashews, and miscellaneous tree nuts; beginning 1960, includes macadamias.

<sup>2</sup> Almonds, filberts, walnuts, pecans, and macadamias; no reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.

<sup>3</sup> Foreign trade data on a crop-year basis, beginning July 1 or Aug. 1 of year indicated.

<sup>4</sup> Preliminary.

Economic Research Service.

Table 383.—Tree nuts: Commercial production in specified countries, 1978-80

Commodity and country	1978	1979	1980 <sup>1</sup>	Commodity and country	1978	1979	1980 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Almonds (shelled basis):				Filberts (in the shell)—			
Iran	7.5	7.0	7.0	Continued			
Italy	22.0	7.0	20.0	Turkey	305.0	290.0	270.0
Morocco	3.5	2.5	2.5	Total	423.0	399.0	393.0
Portugal	3.0	2.1	5.0	Walnuts (in the shell):			
Spain	60.0	32.0	45.0	France	19.8	20.3	21.0
Total	96.0	50.6	79.5	India	18.0	15.0	18.0
Brazil nuts (in the shell):				Iran	3.0	3.0	3.0
Brazil	35.0	50.0	35.0	Italy	15.0	16.0	14.0
Filberts (in the shell):				Turkey	90.0	95.0	100.0
Italy	105.0	80.0	100.0	Total	145.8	149.3	156.0
Spain	13.0	29.0	23.0				

<sup>1</sup> Preliminary

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 380

<sup>1</sup> Canners' stocks for citrus products are Florida only.

<sup>2</sup> Distributors' stocks are as of the beginning of the season for all items except that apples and applesauce are as of August 1 and citrus products as of November 1.

<sup>3</sup> Actual cases.

Economic Research Service. Compiled from various canners' associations and the U.S. Department of Commerce.

**Table 384. — Almonds (shelled basis): Production average price per pound, and, season value, California, 1966-80**

Year	Production	Price <sup>1</sup>	Value	Year	Production	Price <sup>1</sup>	Value
	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966	95.4	54.4	51,911	1974	230.0	74.0	170,100
1967	82.8	53.8	44,581	1975	186.0	63.7	118,400
1968	80.4	55.3	44,477	1976	284.0	64.8	184,032
1969	132.0	56.0	73,932	1977	313.0	84.5	264,485
1970	149.0	53.8	80,104	1978	181.0	145.0	262,450
1971	162.0	53.8	87,100	1979	376.0	153.0	575,280
1972	151.0	65.0	98,125	1980 <sup>2</sup>	322.0	147.0	473,340
1973	155.0	128.8	199,660				

<sup>1</sup> Equivalent returns per ton at first delivery points.      <sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 385. — Almonds (shelled basis<sup>1</sup>): Foreign trade, United States, 1966-79**

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
	<i>1,000 tons</i>		<i>1,000 tons</i>		<i>1,000 tons</i>
1966	177	1971	69	1976	666
1967	211	1972	100	1977	97
1968	474	1973	45	1978	220
1969	150	1974	64	1979	69
1970	94	1975	243		

<sup>1</sup> Unshelled nuts converted to shelled basis at ratio of 2.0 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 386. — Filberts (in the shell): Production, season average price per ton, and value, United States, 1966-80**

Year	Oregon			Washington			Oregon and Washington		
	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>
1966	11,700	390	4,563	520	417	217	12,220	391	4,780
1967	7,000	492	3,444	540	497	268	7,540	492	3,712
1968	7,000	518	3,626	600	520	312	7,600	518	3,928
1969	7,100	550	3,905	300	555	167	7,400	550	4,072
1970	8,750	570	4,988	510	571	291	9,260	570	5,279
1971	11,000	414	4,554	370	416	154	11,370	414	4,708
1972	9,600	508	4,877	550	509	280	10,150	508	5,175
1973	11,700	570	6,669	550	635	349	12,250	573	7,018
1974	6,400	560	3,584	300	565	170	6,700	560	3,754
1975	11,800	610	7,198	320	595	190	12,120	610	7,388
1976	6,950	640	4,448	220	635	140	7,170	640	4,588
1977	11,400	687	7,832	350	674	236	11,750	687	8,068
1978	13,700	805	11,029	350	835	292	14,050	806	11,321
1979	12,700	951	12,078	300	970	291	13,000	951	12,369
1980 <sup>3</sup>	15,100	1,151	17,380	300	1,181	354	15,400	1,152	17,734

<sup>1</sup> Production is the quantity sold or utilized. Excludes unharvested production for Oregon as follows: 500 tons in 1974.

<sup>2</sup> Equivalent returns per ton at first delivery point.

<sup>3</sup> Preliminary.

Statistical Reporting Service.



**Table 387.—Filberts (shelled basis<sup>1</sup>): Foreign trade, United States, 1966–79**

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
	<i>1,000 tons</i>		<i>1,000 tons</i>		<i>1,000 tons</i>
1966 .....	2,342	1971 .....	2,144	1976 .....	6,427
1967 .....	3,366	1972 .....	4,127	1977 .....	3,795
1968 .....	4,168	1973 .....	6,539	1978 .....	4,439
1969 .....	2,222	1974 .....	2,017	1979 .....	2,335
1970 .....	3,549	1975 .....	4,248		

<sup>1</sup> Unshelled nuts converted to shelled basis at ratio of 2.22 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 388.—Macadamia nuts (in-the-shell): Area, yield, production, price, and value, Hawaii, 1966–80**

Year	Area harvested	Yield per harvested acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value	Year	Area harvested	Yield per harvested acre <sup>1</sup>	Production <sup>2</sup>	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>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966 .....	2,950	3.0	8,726	21.0	1,832	1974 .....	5,760	2.8	16,370	32.0	5,238
1967 .....	3,340	2.4	7,972	24.6	1,961	1975 .....	6,080	3.0	18,210	31.6	5,754
1968 .....	3,680	2.8	10,444	22.8	2,381	1976 .....	6,300	3.0	18,990	36.9	7,007
1969 .....	4,030	2.5	10,057	24.6	2,474	1977 .....	6,300	3.1	19,680	40.8	8,029
1970 .....	4,115	3.2	13,216	21.7	2,868	1978 .....	9,200	2.3	20,980	53.8	11,287
1971 .....	4,900	2.9	14,448	24.7	3,569	1979 .....	9,600	2.8	26,660	62.9	16,769
1972 .....	5,000	2.6	13,110	23.3	3,055	1980 <sup>3</sup> .....	10,400	3.2	33,390	72.4	24,174
1973 .....	5,080	2.4	12,124	25.5	3,092						

<sup>1</sup> Derived from total production.

<sup>2</sup> Additional quantities of nuts not harvested for economic reasons and excess cullage of harvested nuts are as follows (1,000 pounds): 150 in 1966.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 389.—Pecans (in the shell): Production, season average price per pound, and value, United States, 1966–80**

Year	Improved varieties			Native and seedling			All pecans		
	Production	Price <sup>1</sup>	Value	Production	Price <sup>1</sup>	Value	Production	Price <sup>1</sup>	Value
	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966 .....	83,960	31.6	26,538	77,640	26.0	20,214	161,600	28.9	46,752
1967 .....	104,200	37.7	39,239	127,700	30.4	38,787	231,900	33.6	78,026
1968 .....	94,730	42.2	40,011	97,770	32.8	32,082	192,500	37.5	72,093
1969 .....	135,700	31.8	43,114	90,400	27.0	24,365	226,100	29.8	67,479
1970 .....	81,720	42.1	34,403	73,380	35.6	26,125	155,100	39.0	60,528
1971 .....	142,300	35.4	50,369	103,900	29.8	30,917	246,200	33.0	81,286
1972 .....	88,990	46.1	41,028	94,110	38.9	36,608	183,100	42.4	77,636
1973 .....	145,200	42.6	61,793	130,500	30.3	39,494	275,700	36.7	101,287
1974 .....	86,800	52.5	45,542	50,300	38.2	19,199	137,100	47.2	64,741
1975 .....	110,100	46.5	51,164	136,700	34.4	47,036	246,800	39.8	98,200
1976 .....	77,300	67.5	67,603	25,800	63.5	16,380	103,100	81.5	83,983
1977 .....	137,900	86.0	91,015	98,700	46.0	45,444	236,600	57.7	136,459
1978 .....	164,500	64.5	106,170	85,400	52.8	45,080	249,900	60.5	151,250
1979 .....	101,100	70.0	70,742	109,500	41.9	45,921	210,600	55.4	116,663
1980 <sup>2</sup> .....	128,500	84.8	109,015	55,000	62.3	34,254	183,500	78.1	143,269

<sup>1</sup> Equivalent returns per ton at first delivery point.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 390.—Pecans (in the shell): Production and season average price per pound, by States, 1978-80

Item and State	Production			Price <sup>2</sup> for crop of—		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
<b>IMPROVED VARIETIES</b>						
Ala	13,000	2,800	10,400	60.8	66.0	80.9
Ark	1,000	400	200	81.0	68.0	101.0
Fla	1,600	1,100	2,500	65.0	70.0	75.0
Ga	105,000	54,000	84,000	60.0	70.0	83.0
La	2,500	2,500	2,000	90.0	70.0	90.0
Miss	6,000	1,500	3,500	67.0	76.0	90.0
N. Mex	15,000	14,700	14,700	75.0	69.0	88.0
N.C.	2,800	900	1,100	58.0	65.0	85.0
Okla	2,000	1,000	500	89.0	81.0	115.0
S.C.	3,600	1,200	1,600	77.0	77.0	88.0
Tex	12,000	21,000	8,000	81.0	70.0	100.0
U.S.	164,500	101,100	128,500	64.5	70.0	84.8
<b>NATIVE AND SEEDLING</b>						
Ala	9,000	1,200	9,600	46.1	43.0	64.4
Ark	2,200	1,100	700	60.0	44.0	75.7
Fla	2,600	1,500	3,500	51.0	50.0	60.0
Ga	30,000	11,000	21,000	50.0	45.0	60.0
La	6,500	13,500	12,000	60.0	37.0	63.0
Miss	4,000	1,000	1,000	48.0	50.0	65.0
N.C.	1,200	400	600	42.0	45.0	65.0
Okla	13,500	9,000	3,000	56.0	41.0	68.0
S.C.	2,400	800	600	59.2	57.0	62.0
Tex	14,000	70,000	3,000	57.0	42.0	61.0
U.S.	85,400	109,500	55,000	52.8	41.9	62.3
<b>ALL PECANS</b>						
Ala	22,000	4,000	20,000	54.8	59.1	73.0
Ark	3,200	1,500	900	66.6	50.4	81.3
Fla	4,200	2,600	6,000	56.3	58.5	66.3
Ga	135,000	65,000	105,000	57.8	65.8	78.4
La	9,000	16,000	14,000	68.3	42.2	66.9
Miss	10,000	2,500	4,500	59.4	65.6	84.4
N. Mex	15,000	14,700	14,700	75.0	69.0	88.0
N.C.	4,000	1,300	1,700	53.2	58.8	77.9
Okla	15,500	10,000	3,500	60.3	45.0	74.7
S.C.	6,000	2,000	2,200	69.9	69.0	80.9
Tex	26,000	91,000	11,000	68.1	48.5	89.4
U.S.	249,900	210,600	183,500	60.5	55.4	78.1

<sup>1</sup> Preliminary.

<sup>2</sup> Equivalent returns per ton at first delivery point.

Statistical Reporting Service.

Table 391.—Pecans (shelled basis<sup>1</sup>): Foreign trade, United States, 1966-79

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<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>
1966	418	1,778	1971	325	2,027	1976	3,123	2,348
1967	248	1,903	1972	34	2,290	1977	481	3,610
1968	750	1,840	1973	132	2,581	1978	1,244	3,399
1969	260	1,949	1974	5	3,387	1979	599	3,397
1970	1,244	1,719	1975	2,630	3,660			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 392.—Walnuts, (English), (in the shell): Production, season average price per ton, and value, United States, 1966–80**

Year	California			Oregon			California and Oregon		
	Production	Price <sup>1</sup>	Value	Production <sup>2</sup>	Price <sup>1</sup>	Value	Production <sup>2</sup>	Price <sup>1</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>
1966	92,000	460	42,320	4,000	400	1,600	96,000	458	43,920
1967	74,000	560	41,440	2,400	500	1,200	76,400	558	42,640
1968	92,000	650	59,800	3,600	540	1,944	95,600	646	61,744
1969	103,000	420	43,260	2,500	364	910	105,500	419	44,170
1970	108,000	407	43,956	3,800	360	1,368	111,800	405	45,324
1971	135,000	420	56,700	1,400	290	406	136,400	419	57,106
1972	116,000	564	65,424	800	538	430	116,800	564	65,854
1973	174,000	605	105,270	1,000	550	550	175,000	605	105,820
1974	155,000	419	64,945	1,500	380	570	156,500	419	65,515
1975	198,000	456	90,288	1,300	390	507	199,300	456	90,795
1976	183,000	627	114,741	700	605	424	183,700	627	115,165
1977	192,000	725	139,200	500	710	355	192,500	725	139,555
1978	160,000	1,302	208,320	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	.....	.....	.....
1979	208,000	847	176,176	.....	.....	.....	.....	.....	.....
1980 <sup>3</sup>	197,000	926	182,422	.....	.....	.....	.....	.....	.....

<sup>1</sup> Equivalent returns per ton at first delivery point.<sup>2</sup> Additional quantities not harvested are as follows (tons): 1975—Oregon, 200.<sup>3</sup> Preliminary.<sup>4</sup> Estimates discontinued after 1977 crop.

Statistical Reporting Service.

**Table 393.—Walnuts (shelled basis<sup>1</sup>): Foreign trade, United States, 1966–79**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
1966	1,316	2,104	1971	336	7,740	1976	26	19,148
1967	2,174	1,176	1972	646	6,874	1977	73	8,461
1968	1,545	1,324	1973	79	11,959	1978	588	13,041
1969	116	2,876	1974	17	13,332	1979	108	18,853
1970	247	4,276	1975	59	21,868			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.86 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.38 to 1. Beginning 1978, imports of shelled nuts converted to shelled basis at ratio of 2.38 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 394.—Cacao beans: United States imports by country of origin, 1978-80

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</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>
North America:				Africa:			
Costa Rica . . . . .	3,375	2,631	651	Cameroon . . . . .			2,252
Dominican Republic . . . . .	26,911	25,849	22,586	Ghana . . . . .	24,001	16,989	13,665
Haiti . . . . .	2,322	1,797	1,454	Ivory Coast . . . . .	52,042	42,769	47,137
Mexico . . . . .	1,631	1,116	741	Liberia . . . . .	1,138	1,001	1,448
Trinidad and Tobago . . . . .	1,525	1,320	630	Nigeria . . . . .	34,869	18,797	20,085
Other countries . . . . .	4,319	2,935	1,181	Other countries . . . . .	1,143	1,502	.....
Total . . . . .	40,083	35,648	27,243	Total . . . . .	113,193	81,058	84,587
South America:				Asia and Oceania <sup>2</sup> . . . . .	5,979	9,756	6,568
Brazil . . . . .	39,144	31,396	21,546	Europe . . . . .	607	457	1,414
Ecuador . . . . .	7,368	7,033	7,454	Grand total . . . . .	208,562	167,881	150,869
Venezuela . . . . .	536	729	1,360				
Other countries . . . . .	1,652	1,804	697				
Total . . . . .	48,700	40,962	31,057				

<sup>1</sup> Preliminary.<sup>2</sup> Primarily Papua New Guinea.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 395.—Cacao beans: Exports from principal producing countries, 1977-79

Continent and country	1977	1978	1979	Continent and country	1977	1978	1979
	<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:				Africa—Continued			
Costa Rica . . . . .	5,100	5,826	4,235	Ghana . . . . .	249,084	207,043	199,961
Dominican Republic . . . . .	25,615	27,638	24,440	Ivory Coast . . . . .	158,491	244,967	195,024
Grenada . . . . .	2,086	2,718	2,448	Liberia . . . . .	2,029	4,043	3,402
Jamaica . . . . .	1,608	1,243	1,351	Madagascar . . . . .	1,578	1,208	1,500
Mexico . . . . .	4,757	3,640	2,043	Nigeria . . . . .	167,521	185,863	113,032
Trinidad and Tobago . . . . .	3,168	3,228	2,611	Sao Tome and Principe . . . . .	6,071	6,057	8,183
Other countries . . . . .	6,646	6,932	6,314	Sierra Leone . . . . .	5,454	3,716	9,639
Total . . . . .	48,980	51,225	43,442	Tanzania . . . . .	675	500	500
South America:				Togo . . . . .	19,623	22,784	11,667
Brazil . . . . .	107,625	134,074	156,932	Uganda . . . . .	100	100	100
Ecuador . . . . .	20,085	16,247	14,087	Zaire . . . . .	3,882	4,305	3,500
Peru . . . . .	1,834	2,178	1,902	Total . . . . .	683,741	755,580	626,102
Surinam . . . . .	25	30	25				
Venezuela . . . . .	7,395	6,410	6,800	Asia and Oceania:			
Total . . . . .	136,964	158,939	179,746	Indonesia . . . . .	1,973	2,249	3,645
Africa:				Malaysia . . . . .	13,608	17,571	24,239
Angola . . . . .	200	200	200	Papua New Guinea . . . . .	29,428	28,027	27,486
Benin . . . . .	1,105	1,852	4,330	Sri Lanka . . . . .	1,248	1,040	600
Cameroon . . . . .	56,843	61,613	61,062	Vanuatu . . . . .	855	1,096	554
Comoros . . . . .	12	20	20	Western Samoa . . . . .	2,020	1,042	1,000
Congo . . . . .	2,433	2,560	2,400	Total . . . . .	49,132	51,025	57,524
Equatorial Guinea . . . . .	5,000	5,000	8,000	Grand total . . . . .	918,817	1,016,769	906,814
Gabon . . . . .	3,640	3,749	3,582				

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 396.—Coffee: Area, yield, production, price, and value, Hawaii, 1966-67 to 1980-81**

Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value	Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966-67 . . .	3,700	2.2	8,040	0.256	2,058	1974-75 . .	2,500	0.6	1,540	0.464	714
1967-68 . . .	3,500	1.6	5,440	271	1,474	1975-76 . .	2,000	.9	1,860	.752	1,399
1968-69 . . .	3,200	1.8	5,700	258	1,471	1976-77 . .	2,000	1.1	2,120	1.85	3,922
1969-70 . . .	2,900	1.4	4,130	355	1,466	1977-78 . .	2,000	1.1	2,270	1.38	3,133
1970-71 . . .	2,700	1.6	4,300	337	1,449	1978-79 . .	1,900	.9	1,680	1.26	2,117
1971-72 . . .	2,400	1.2	2,930	346	1,014	1979-80 . .	1,800	1.2	2,190	1.43	3,132
1972-73 . . .	2,400	1.5	3,640	504	1,835	1980-81 <sup>1</sup> .	1,700	.9	1,450	1.50	2,175
1973-74 . . .	2,500	1.2	3,040	563	1,711						

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 397.—Coffee: United States imports by country of origin, 1978-80<sup>1</sup>**

Continent and country	1978	1979	1980 <sup>2</sup>	Continent and country	1978	1979	1980 <sup>2</sup>
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>		<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
North America:				Africa—Continued			
Costa Rica . . . . .	334	516	298	Cameroon . . . . .	209	183	199
Dominican Republic . . . . .	461	548	343	Ethiopia . . . . .	461	549	406
El Salvador . . . . .	627	1,123	1,374	Ivory Coast . . . . .	775	834	438
Guatemala . . . . .	942	1,268	926	Madagascar . . . . .	406		305
Mexico . . . . .	1,390	1,934	1,337	Rwanda . . . . .	231	167	287
Nicaragua . . . . .	147	194	137	Tanzania . . . . .	334	172	63
Other countries . . . . .	667	615	431	Uganda . . . . .	438	361	631
				Other countries . . . . .	1,030	779	520
Total . . . . .	4,568	6,198	4,846	Total . . . . .	4,188	3,085	2,969
South America:				Asia and Oceania:			
Brazil . . . . .	2,694	1,890	3,505	India . . . . .	277	298	223
Colombia . . . . .	2,808	3,891	3,404	Indonesia . . . . .	1,177	1,294	1,314
Ecuador . . . . .	1,044	638	539	Other countries . . . . .	242	208	280
Peru . . . . .	654	954	565	Total . . . . .	1,696	1,800	1,817
Other countries . . . . .	467	911	241	Other countries . . . . .	14	29	267
Total . . . . .	7,667	8,284	8,254	Grand total . . . . .	18,133	19,396	18,153
Africa:							
Angola . . . . .	304	40	120				

<sup>1</sup> Green coffee only; does not include roasted or soluble.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 402

<sup>1</sup> Less than 500 kilograms

Foreign Agricultural Service and U.S. Department of Commerce.

Table 398—Coffee: Exports from principal producing countries, 1977-79<sup>1</sup>

Continent and country of origin	1977	1978	1979 <sup>2</sup>	Continent and country of origin	1977	1978	1979 <sup>2</sup>
North America:	1,000	1,000	1,000	Africa—Continued	1,000	1,000	1,000
Costa Rica	<i>bags</i>	<i>bags</i>	<i>bags</i>	Central African Republic	163	153	112
Dominican Republic	1,329	420	719	Ethiopia	801	1,121	1,451
El Salvador	2,232	2,347	3,470	Guinea	33	11	37
Guatemala	2,213	2,186	2,564	Ivory Coast	3,886	4,091	4,334
Haiti	290	272	362	Kenya	1,572	1,423	1,313
Honduras	603	951	1,101	Madagascar	836	823	898
Mexico	1,782	1,970	2,917	Tanzania	782	813	755
Nicaragua	825	917	923	Togo	92	138	165
Total	10,401	10,477	13,679	Uganda	2,192	1,895	2,347
South America:				Zaire	1,069	1,364	1,047
Brazil	8,540	10,355	9,370	Total	13,647	14,507	15,135
Colombia	5,017	9,034	11,067	Asia and Oceania:			
Ecuador	823	1,638	1,395	India	908	1,070	1,028
Peru	729	892	1,157	Indonesia	2,673	3,598	3,670
Venezuela	183	236	131	Papua New Guinea	830	769	804
Total	15,292	22,155	23,120	Total	4,411	5,437	5,502
Africa:				Grand total	43,751	52,576	57,436
Angola	1,038	1,297	963				
Cameroon	1,183	1,378	1,713				

<sup>1</sup> Green coffee only; does not include roasted or soluble.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 399.—Tea: United States imports by country of origin, 1978-80

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</sup>
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Asia and Oceania—Continued	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	2,170	2,435	2,579	India	1,682	5,886	4,159
Total	2,170	2,435	2,579	Indonesia	10,745	11,205	13,913
South America:				Japan	3,218	2,904	2,528
Argentina	6,729	7,009	10,345	Papua New Guinea	433	282	200
Brazil	2,027	3,534	2,806	Sri Lanka	14,005	14,655	12,216
Ecuador	607	1,376	1,161	Taiwan	2,965	2,265	3,103
Other countries	...	9	5	Other countries	367	795	892
Total	9,363	11,928	14,317	Total	37,304	44,469	45,058
Europe:				Africa:			
Germany, Fed. Rep. of	38	104	205	Kenya	8,230	9,438	6,762
Netherlands	4,080	4,729	5,936	Malawi	4,242	2,476	2,147
United Kingdom	553	370	482	Mozambique	1,391	2,368	5,023
Other countries	38	8	12	Rwanda	438	245	348
Total	4,709	5,211	6,635	Tanzania	779	445	613
Asia and Oceania:				Zaire	86	16	13
Bangladesh	1,008	16	85	Other countries	122	208	324
China	2,881	6,461	7,962	Total	15,288	15,196	15,230
				Grand total	68,834	79,239	83,819

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 400.—Tea: Exports from principal producing countries, 1977-79

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
South America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Asia and Oceania:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Argentina . . . . .	26,941	30,959	28,756	Bangladesh . . . . .	25,974	30,852	20,374
Brazil . . . . .	5,191	7,773	7,278	China . . . . .	81,820	86,857	106,830
Ecuador . . . . .	1,255	1,250	1,250	India . . . . .	229,637	176,051	199,639
Total . . . . .	33,387	39,982	37,284	Indonesia . . . . .	51,273	56,152	53,582
Africa:				Iran . . . . .	1,568	1,500	500
Burundi . . . . .	1,390	1,258	1,250	Japan . . . . .	3,514	3,406	3,084
Kenya . . . . .	70,222	84,976	94,039	Malaysia . . . . .	519	500	500
Malawi . . . . .	29,914	30,777	31,096	Papua New Guinea . . . . .	6,192	6,978	6,978
Mauritius . . . . .	3,480	4,417	3,899	Sri Lanka . . . . .	185,542	192,553	187,453
Mozambique . . . . .	12,927	16,700	18,244	Taiwan . . . . .	20,845	20,434	19,363
Rwanda . . . . .	5,367	5,115	4,794	Turkey . . . . .	4,190	2,160	5,705
Tanzania . . . . .	11,973	14,978	15,024	Total . . . . .	611,074	577,443	604,008
Uganda . . . . .	14,662	8,663	1,500	Grand total . . . . .	803,088	795,689	821,679
Zaire . . . . .	4,210	3,774	2,710				
Zimbabwe . . . . .	4,482	7,606	7,831				
Total . . . . .	158,627	178,264	180,387				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 401.—Mushrooms: Area, production, price, and value, United States, 1966-79

Year beginning July <sup>1</sup>	Area in production	Production	Price per pound	Value of production		
				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>
1966 . . . . .	80,595	164,915	35.2	58,025	19,520	38,505
1967 . . . . .	83,389	180,591	34.1	61,653	21,384	40,269
1968 . . . . .	84,728	188,807	35.9	67,856	28,845	42,011
1969 . . . . .	82,350	193,879	37.5	72,705	28,004	44,701
1970 . . . . .	87,490	206,810	43.3	89,620	31,688	57,932
1971 . . . . .	93,798	231,373	46.2	106,882	38,386	68,496
1972 . . . . .	102,315	254,002	43.3	109,975	42,596	67,379
1973 . . . . .	107,584	279,493	44.1	123,354	58,407	64,947
1974 . . . . .	110,921	299,061	49.2	147,242	76,552	70,690
1975 . . . . .	114,711	309,816	61.7	191,098	102,234	88,864
1976 . . . . .	117,692	347,129	73.7	255,678	124,513	131,065
1977 . . . . .	135,101	394,703	77.1	307,588	172,159	135,429
1978 . . . . .	146,738	454,007	79.7	361,800	217,770	144,030
1979 . . . . .	150,726	469,982	78.4	368,547	245,116	123,431

Statistical Reporting Service.

Table 402.—Mushrooms, canned: United States imports by country of origin, 1971-80

Country	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
	<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>
Belgium-Luxembourg . . . . .	( <sup>1</sup> )	139	7	1	8	8	2	2	2	38
Canada . . . . .	60	71	100	132	117	233	281	30	29	38
China . . . . .	6	57	91	92	27	50	19	8	119	6,723
Taiwan . . . . .	11,189	16,513	14,049	13,626	15,892	18,246	22,203	22,331	20,528	24,371
Costa Rica . . . . .	104	179	233	364	68	41	128	583	330	317
Dominican Rep . . . . .	177	13	207	153	207	147	65	225	258	317
Ecuador . . . . .	449	209	282	236	155	336	165	194	89	93
France . . . . .	16	876	420	99	117	110	1,586	4,369	6,593	8,879
Hong Kong . . . . .	441	560	499	581	775	774	485	406	240	206
Japan . . . . .	1,207	4,511	6,354	3,525	6,348	10,492	8,512	11,643	12,946	8,803
Korea, Rep. of . . . . .									335	902
Macao . . . . .										
Mexico . . . . .	118	213	105	57	2		24			
Spain . . . . .	22	4	7					88	237	46
Other . . . . .	165	128	168	62	133	110	100	174	193	94
Total . . . . .	13,954	23,638	22,604	19,335	24,154	30,547	33,568	40,051	41,899	50,472

See footnotes on page 261

Table 403.—Flowers: Sales and value, United States, 1966–80

Year	Quantity sold <sup>1</sup>	Wholesale price	Value of sales at wholesale <sup>2</sup>	Quantity sold <sup>1</sup>	Wholesale price	Value of sales at wholesale <sup>2</sup>
	Standard carnations <sup>3</sup>			Miniature carnations <sup>3</sup>		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1968	570,427	7.6	43,270	1,614	1.01	1,628
1969	613,471	7.4	45,607	2,155	.97	2,089
1970	619,052	7.3	45,152	2,539	1.00	2,534
1971	589,157	7.4	43,742	2,293	1.13	2,602
1972	584,395	8.2	48,096	3,002	1.20	3,602
1973	616,051	7.5	45,964	3,277	1.11	3,642
1974	601,768	7.3	44,015	3,874	1.18	4,577
1975	561,383	7.7	43,212	3,971	1.18	4,701
1976	517,880	8.8	45,573	4,736	1.19	5,625
1977	501,799	8.4	42,328	4,703	1.28	6,007
1978	466,363	9.1	42,594	4,844	1.39	6,729
1979	408,840	11.0	44,784	5,838	1.44	8,425
1980	379,375	11.0	41,880	5,859	1.53	8,989
	Standard chrysanthemums			Pompon chrysanthemums		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	133,688	17.4	23,320	28,433	0.78	22,158
1967	133,312	18.3	24,416	27,560	.80	22,845
1968	130,869	20.2	26,426	30,497	.84	25,636
1969	136,778	19.6	26,813	32,903	.83	27,195
1970	147,000	18.3	26,925	32,431	.82	26,651
1971	144,706	19.0	27,516	34,455	.85	29,241
1972	137,144	21.2	29,140	33,649	.89	29,793
1973	138,243	21.6	29,813	36,129	.91	32,967
1974	144,042	20.5	29,582	37,864	.82	30,922
1975	135,715	21.6	29,371	35,708	.87	31,093
1976	140,397	20.9	29,326	35,603	.96	34,157
1977	111,738	25.6	28,626	35,936	.99	35,479
1978	124,424	25.7	31,920	37,892	1.03	38,910
1979	107,578	24.8	26,714	34,992	1.06	36,957
1980	94,205	27.5	25,923	34,791	1.08	37,609
	Potted chrysanthemums			Gladioli		
	<i>1,000 units</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966	11,070	1.43	15,875	28,619	66.0	18,860
1967	12,897	1.41	18,176	25,748	69.0	17,753
1968	13,403	1.46	19,595	28,080	75.0	21,115
1969	14,260	1.54	21,938	27,170	79.0	21,343
1970	16,117	1.52	24,525	23,360	80.0	18,725
				<i>1,000 Spikes<sup>4</sup></i>		
1971	17,504	1.53	26,803	284,664	7.0	19,140
1972	19,141	1.60	30,668	273,244	7.4	20,287
1973	20,598	1.66	34,096	234,768	8.3	19,514
1974	21,655	1.79	38,672	223,361	8.4	18,763
1975	21,711	1.95	42,237	188,290	9.1	17,072
1976	26,481	2.07	54,776	181,162	9.5	17,158
1977	28,336	2.17	55,305	165,593	10.0	16,535
1978	27,544	2.25	59,647	148,926	10.9	16,248
1979	27,941	2.25	62,836	149,704	13.2	19,824
1980	28,439	2.40	68,279	166,365	13.1	21,765
	Hybrid Tea roses <sup>3</sup>			Sweetheart roses <sup>3</sup>		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>
1968	309,882	13.0	40,241	98,972	9.1	8,988
1969	317,209	13.7	43,349	110,189	9.5	10,509
1970	308,713	13.6	42,030	130,152	9.2	12,017
1971	308,441	14.1	43,511	120,374	9.3	11,155
1972	309,596	15.3	47,439	122,007	10.0	12,205
1973	297,355	16.4	48,866	120,413	10.8	12,960
1974	319,161	16.8	53,635	123,653	11.5	14,254
1975	306,279	17.7	54,256	112,221	12.5	13,753
1976	307,584	19.1	58,854	114,589	13.7	15,661
1977	301,107	20.6	62,177	118,023	14.1	16,604
1978	306,806	22.5	69,069	112,449	16.0	18,005
1979	327,824	23.9	78,332	116,796	17.1	20,019
1980	314,693	26.6	83,731	113,085	19.4	21,943

<sup>1</sup> Blooms for standard carnations, standard chrysanthemums, and roses; bunches for miniature carnations and pompon chrysanthemums; dozen spikes for gladioli; and pots for potted chrysanthemums. <sup>2</sup> Equivalent wholesale value of all sales. <sup>3</sup> Prior to 1968, separate data by type not available. <sup>4</sup> Beginning 1971, unit changed to 1,000 spikes sold.



Table 404.—Selected floriculture crops: Gross wholesale value of sales,<sup>1</sup> 1979 and 1980, in selected States

State	Cut flowers															
	Carnations				Chrysanthemums				Gladioli		Roses				Snapdragons	
	Standard		Miniature		Standard		Pompon				Hybrid Tea		Sweetheart			
	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
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	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala . . . . .																
Ark . . . . .																
Calif . . . . .	28,533	28,228	5,551	5,775	15,865	16,097	21,591	23,201	3,627	4,556	32,032	37,008	6,230	6,852	171	175
Colo . . . . .	14,009	11,658	1,667	2,225							3,609	5,288	1,177	1,816	23	34
Conn . . . . .			120	140			273	382			( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	24	25
Fla . . . . .			441	319	438	( <sup>3</sup> )	8,099	4,434	13,025	13,512					( <sup>2</sup> )	( <sup>2</sup> )
Ga . . . . .																
Ill . . . . .					210	263	366	254	1,133	1,035	3,323	2,642	999	561	70	77
Ind . . . . .					717	575	266	165			8,071	7,069	2,069	2,254	129	154
Iowa . . . . .															27	38
Kans . . . . .																
Md . . . . .					315	254									70	162
Mass . . . . .	241	150	277	167	652	405	598	626			3,331	2,726	1,214	1,644	287	275
Mich . . . . .					325	258	440	412	864	1,231	2,613	1,555	849	842	157	163
Minn . . . . .							715	748			1,829	1,741	454	583	40	43
Mo . . . . .					492	539	240	262							25	25
N.J . . . . .					411	523	226	289	910	1,131	802	935	( <sup>2</sup> )	( <sup>2</sup> )	117	205
N.Y . . . . .					823	865	970	996			4,984	5,848	1,426	1,529	201	225
N.C . . . . .	372	665			1,858	1,473	464	355	265	300					270	202
Ohio . . . . .	416	345	132	103	2,502	2,412	970	1,214			3,434	3,942	819	841	254	241
Oreg . . . . .											( <sup>2</sup> )	( <sup>2</sup> )				
Pa . . . . .	1,213	834	237	260	1,643	1,609	1,365	923			8,692	9,025	2,856	3,534	264	302
Tenn . . . . .					463	650									( <sup>2</sup> )	( <sup>2</sup> )
Tex . . . . .																
Va . . . . .															72	81
Wash . . . . .											1,020	811	484	389		
Wis . . . . .							374	348							18	17
Unallocated . . . . .											4,592	5,141	1,442	1,098	170	218
Total . . . . .	44,784	41,880	8,425	8,989	26,714	25,923	36,957	37,609	19,824	21,765	78,332	83,731	20,019	21,943	2,389	2,662

See footnotes at end of table.

SELECTED FLORICULTURE CROPS

Table 404.—Selected floriculture crops: Gross wholesale value of sales,<sup>1</sup> 1979 and 1980, in selected States—Continued

States	Flowering pot plants										Bedding and foliage plants						
	Potted chrysanthemums		Potted geraniums		Potted hydrangeas		Potted lilies		Potted poinsettias		Bedding plants <sup>5</sup>				Foliage Plants		
											Flowering		Vegetable				
	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	
<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>		<i>1,000 dollars</i>	
Ala					122	187	360	319	1,116	1,074							
Ark					115	113	193	195	499	525							
Calif	14,531	19,612	886	1,557	1,104	958	2,637	2,928	8,485	10,781	23,366	26,628	7,434	5,939	78,239	79,043	
Colo	1,011	907	771	856	99	108	240	371	1,186	1,346	2,683	2,766	798	505	2,564	3,947	
Conn	690	866	844	1,031			358	397	1,064	1,439	2,370	2,594	1,181	1,864			
Fla	4,455	4,254			716	722	830	776	2,196	2,312	4,835	4,639	2,033	2,140	139,867	133,750	
Ga			381	468	153	152	168	153	1,052	1,256	991	1,589	411	940	436	780	
Hawaii															3,964	4,440	
Ill	2,988	2,908	2,208	2,723	110	94	1,190	1,067	2,856	3,108	3,927	3,385	1,238	1,210	3,091	2,950	
Ind	1,305	1,236	1,262	1,560	186	250	311	338	1,189	1,640	1,333	1,831	696	1,026			
Iowa	1,489	1,468	989	1,202	96	38	411	497	1,032	1,223	1,233	1,763	810	1,066			
Kans					80	84	88	87	1,201	1,172	908	1,118	298	381			
Md	676	584			( <sup>2</sup> )	( <sup>2</sup> )	289	293	1,324	1,234	2,061	2,079	823	649	1,519	2,547	
Mass	1,495	1,928	3,304	2,924	130	82	1,010	733	2,125	2,333	3,114	3,041	1,143	1,920	4,513	6,555	
Mich	3,211	3,648	4,330	4,654	196	201	1,394	1,442	3,855	3,874	13,713	16,474	5,403	5,308	4,732	4,191	
Minn	1,155	1,246	1,495	1,608			784	795	1,346	1,517	3,355	3,753	918	1,729	1,910	2,080	
N.J.	3,029	3,177	850	868	249	189	802	975	1,521	1,700	2,486	2,590	1,282	1,282			
N.Y.	997	1,465	1,373	1,899	271	287	680	668	1,797	2,631	1,214	3,797	501	1,621	3,472	5,304	
N.C.	2,311	2,868	4,086	5,115	389	559	930	1,130	3,372	4,406	4,768	7,674	2,602	3,334	4,226	6,326	
N.C.	4,079	3,499	1,381	933	546	335	540	482	3,373	3,483	2,360	2,861	1,281	1,735			
Ohio	4,708	4,917	5,173	6,049	( <sup>2</sup> )	( <sup>2</sup> )	1,378	1,513	4,796	5,658	12,375	13,321	3,698	5,675	11,245	13,037	
Oreg			700	1,648	( <sup>2</sup> )	( <sup>2</sup> )	326	352	952	1,089	1,661	1,760	763	752	1,915	2,082	
Pa	3,422	2,824	2,637	2,806	108	100	825	752	3,008	3,027	2,982	5,217	1,344	1,370	4,110	2,818	
Tenn	1,276	1,369			260	182	339	343	1,994	1,612	1,095	1,734	628	922			
Tex	7,267	7,129	1,399	1,617	770	1,029	761	1,052	3,740	4,646	6,641	6,139	4,595	3,246	18,125	26,093	
Va							256	349			1,911	2,199	1,040	1,125			
Wash	1,404	1,201	1,160	941	114	83	515	476	1,373	1,555	2,733	2,980	576	784			
Wis	1,337	1,173	1,273	1,327	92	119	778	689	1,563	1,483	2,514	2,844	871	959			
Unallocated					941	970											
Total	62,836	68,279	36,502	41,786	6,847	6,842	18,393	19,166	58,025	66,124	106,629	124,776	42,367	47,482	283,928	295,943	

<sup>1</sup> Equivalent wholesale value of all sales for all crops except foliage plants; for foliage plants, value is based on net value of sales.

<sup>2</sup> Unallocated to avoid disclosure of individual operations.

<sup>3</sup> Data for 1980 included with pompon chrysanthemums to avoid disclosure of individual operations.

<sup>4</sup> Data for 1980 includes small amount of standard chrysanthemums.

<sup>5</sup> Excludes value of sales from "open acreage" grown outdoors.

Statistical Reporting Service.

## CHAPTER VI

# STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 420 shows the seeding rate for a number of specified crops. The State averages are based on surveys made in 1980. The United States average rates are derived by weighting the average for each State by the area planted to the particular crop. Rates are not shown for states where the crop is not estimated currently.

**Table 405.—Hay, all: Area, yield, production, disposition, and value, United States, 1966–80**

Year	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per ton received by farmers	Value of production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	64,356	1.88	120,930	98,797	22,133	25.00	2,889,799
1967	63,303	1.98	125,134	102,387	22,747	24.50	2,866,364
1968	60,922	2.04	124,244	101,213	23,031	23.60	2,821,800
1969	59,716	2.11	126,026	102,678	23,348	24.70	2,936,788
1970	61,467	2.07	126,969	102,619	24,350	26.10	3,076,382
1971	61,355	2.10	129,132	104,064	25,068	28.10	3,335,209
1972	59,680	2.15	128,565	102,792	25,773	31.30	3,729,522
1973	61,828	2.17	134,217	107,002	27,215	41.60	5,003,991
1974	60,195	2.10	126,384	100,897	25,487	50.90	5,790,715
1975	61,353	2.16	132,397	105,874	26,523	52.10	6,458,070
1976	60,377	1.99	120,125	94,675	25,450	60.20	6,814,924
1977	60,988	2.17	132,211	105,133	27,078	53.70	6,826,441
1978	62,113	2.32	143,817	115,544	28,273	49.80	6,663,678
1979	61,666	2.40	147,847	118,846	29,001	59.50	7,362,597
1980 <sup>1</sup>	59,437	2.21	131,070	103,630	27,440	70.90	8,166,220

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 406.—Hay, all: Stocks on farms, United States, 1966–81**

Year	Jan. 1	May 1	Year	Jan. 1	May 1
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1966	88,609	22,720	1974	93,159	25,353
1967	84,881	21,938	1975	84,687	18,505
1968	88,460	24,929	1976	86,411	25,541
1969	89,687	23,664	1977	77,651	19,540
1970	89,365	24,056	1978	92,136	24,184
1971	87,651	22,200	1979	99,024	30,108
1972	89,445	25,472	1980	108,204	33,346
1973	88,790	24,311	1981 <sup>1</sup>	92,002	25,500

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 407.—Hay, all: Area, yield, and production, by States, 1978-80

State	Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<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>
Ala.	650	660	625	1.70	1.80	1.65	1,105	1,188	1,031
Ariz.	200	190	195	5.69	5.75	6.46	1,137	1,093	1,260
Ark.	930	933	921	1.72	1.90	1.33	1,598	1,774	1,221
Calif.	1,610	1,560	1,550	4.32	4.68	4.99	6,955	7,295	7,736
Colo.	1,470	1,540	1,500	2.20	2.32	2.18	3,228	3,574	3,276
Conn.	89	86	86	2.24	2.09	1.95	199	180	168
Del.	20	19	18	2.20	2.47	2.22	44	47	40
Fla.	269	269	240	2.30	2.30	2.30	619	619	552
Ga.	475	450	460	2.00	2.60	1.60	950	1,170	736
Idaho	1,379	1,368	1,380	3.41	3.02	3.18	4,708	4,126	4,395
Ill.	1,205	1,180	1,160	3.02	3.19	3.07	3,642	3,766	3,558
Ind.	875	815	805	2.65	2.60	2.74	2,322	2,119	2,208
Iowa	2,330	2,330	2,270	3.65	3.75	3.54	8,499	8,747	8,037
Kans.	2,300	2,300	2,200	2.05	2.54	1.92	4,720	5,840	4,230
Ky.	1,618	1,594	1,560	1.95	1.97	1.90	3,162	3,134	2,970
La.	365	385	355	2.01	2.21	1.72	734	849	612
Maine	221	216	220	2.10	1.78	1.65	465	385	362
Md.	254	246	235	2.45	2.50	2.40	623	616	564
Mass.	120	119	119	2.26	2.39	2.17	271	285	258
Mich.	1,430	1,330	1,310	2.70	2.88	2.93	3,857	3,833	3,844
Minn.	2,990	2,950	2,950	2.95	3.02	2.41	8,806	8,910	7,115
Miss.	645	660	650	1.85	1.95	1.60	1,193	1,287	1,040
Mo.	3,420	3,420	3,270	1.77	1.82	1.37	6,044	6,215	4,470
Mont.	2,420	2,380	2,200	1.89	1.82	1.90	4,576	4,329	4,170
Nebr.	3,800	3,700	3,700	1.98	2.06	1.91	7,538	7,618	7,083
Nev.	480	495	500	2.26	2.18	2.19	1,084	1,081	1,095
N.H.	91	92	93	1.99	2.04	2.01	181	188	187
N.J.	129	127	107	2.53	2.73	2.38	327	347	255
N. Mex.	310	319	310	3.52	3.76	3.69	1,092	1,199	1,144
N.Y.	2,475	2,450	2,430	2.14	2.26	2.38	5,297	5,539	5,787
N.C.	400	378	382	1.69	1.65	1.55	677	624	592
N. Dak.	3,430	3,500	2,820	1.83	1.61	0.89	6,285	5,650	2,519
Ohio	1,550	1,440	1,430	2.50	2.51	2.51	3,875	3,618	3,588
Okla.	1,740	1,900	1,570	1.81	2.09	1.47	3,150	3,966	2,315
Oreg.	1,075	1,060	1,070	2.58	2.42	2.70	2,773	2,568	2,893
Pa.	1,935	1,960	1,950	2.23	2.19	2.14	4,323	4,293	4,182
R.I.	11	11	11	2.00	2.00	1.64	22	22	18
S.C.	222	215	208	2.00	2.10	1.70	444	452	354
S. Dak.	4,300	4,300	4,160	1.92	1.76	1.29	8,250	7,570	5,359
Tenn.	1,250	1,240	1,185	1.52	1.63	1.49	1,912	2,022	1,764
Tex.	2,970	2,790	2,670	1.82	2.56	2.07	5,418	7,133	5,515
Utah	594	598	595	3.18	3.39	3.46	1,886	2,026	2,058
Vt.	445	445	455	2.01	1.90	1.95	893	846	886
Va.	950	978	967	1.73	1.82	1.68	1,640	1,779	1,626
Wash.	876	853	865	3.01	2.92	3.03	2,638	2,494	2,625
W. Va.	595	585	595	1.63	1.28	1.64	970	749	977
Wis.	4,000	4,030	3,900	2.91	3.12	3.22	11,635	12,555	12,545
Wyo.	1,200	1,200	1,185	1.71	1.77	1.56	2,050	2,127	1,850
U.S.	62,113	61,666	59,437	2.32	2.40	2.21	143,817	147,847	131,070

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 408.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1978-80

State	Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz	170	160	165	6.30	6.40	7.00	1,071	1,024	1,155
Ark	70	73	78	2.55	2.50	1.60	179	183	125
Calif	1,090	1,050	1,030	5.45	6.00	6.40	5,941	6,300	6,592
Colo	780	790	780	2.90	3.10	3.00	2,262	2,449	2,340
Conn	23	22	21	2.60	2.65	2.55	60	58	54
Del	7	8	7	3.20	3.25	3.05	22	26	21
Idaho	1,080	1,068	1,090	3.75	3.40	3.50	4,050	3,631	3,815
Ill	760	740	720	3.65	3.90	3.75	2,774	2,886	2,700
Ind	440	390	380	3.20	3.20	3.35	1,408	1,248	1,273
Iowa	1,800	1,810	1,760	4.00	4.10	3.90	7,200	7,421	6,864
Kans	1,000	1,000	1,000	2.90	3.50	2.85	2,900	3,500	2,850
Ky	208	204	200	3.00	3.10	2.95	624	632	590
La	13	13	13	2.30	2.35	2.40	30	31	31
Maine	21	21	22	2.60	2.50	2.05	55	53	45
Md	76	75	70	3.40	3.20	3.10	258	240	217
Mass	28	27	27	2.60	2.90	2.40	73	78	65
Mich	1,140	1,040	1,020	2.90	3.10	3.20	3,306	3,224	3,264
Minn	2,140	2,150	2,100	3.40	3.40	2.70	7,276	7,310	5,670
Mo	520	520	520	2.70	2.75	2.25	1,404	1,430	1,170
Mont	1,320	1,300	1,200	2.30	2.25	2.35	3,036	2,925	2,820
Nebr	1,650	1,650	1,650	3.20	3.25	3.05	5,280	5,363	5,033
Nev	220	215	215	3.45	3.40	3.50	759	731	753
N.H	19	19	20	2.55	2.60	2.25	48	49	45
N.J	53	48	41	3.30	3.60	3.00	175	173	123
N. Mex	240	245	240	4.20	4.50	4.30	1,008	1,103	1,032
N.Y	1,025	1,040	1,030	2.55	2.75	2.90	2,614	2,860	2,987
N.C	25	25	25	2.30	2.35	2.25	58	59	56
N. Dak	1,900	2,000	1,220	2.10	1.85	0.95	3,990	3,700	1,159
Ohio	620	580	540	3.10	3.05	3.10	1,922	1,769	1,674
Okla	450	460	420	2.70	3.30	2.50	1,215	1,518	1,050
Oreg	435	415	425	3.80	3.70	4.00	1,653	1,536	1,700
Pa	840	850	840	2.80	2.70	2.60	2,352	2,295	2,184
R.I	3	3	3	2.50	2.70	2.10	8	8	6
S. Dak	2,500	2,500	2,300	2.40	2.20	1.40	6,000	5,500	3,220
Tenn	105	105	105	2.40	2.50	2.40	252	263	252
Tex	220	190	170	4.00	4.70	4.50	880	893	765
Utah	470	475	470	3.55	3.80	3.90	1,669	1,805	1,833
Vt	100	105	110	2.55	2.55	2.25	255	268	248
Va	80	93	87	3.10	2.95	2.50	248	274	218
Wash	503	503	505	3.80	3.60	3.70	1,911	1,811	1,869
W. Va	90	85	80	2.35	1.75	2.55	212	149	204
Wis	3,100	3,100	3,050	3.10	3.30	3.50	9,610	10,230	10,675
Wyo	530	545	520	2.35	2.40	2.15	1,246	1,308	1,118
U.S	27,864	27,712	26,269	3.13	3.19	3.04	87,294	88,314	79,865

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 409.—Hay, all other: Area, yield, and production, by States, 1978-80

State	Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala	650	660	625	1.70	1.80	1.65	1,105	1,188	1,031
Ariz	30	30	30	2.20	2.30	3.50	66	69	105
Ark	860	860	843	1.65	1.85	1.30	1,419	1,591	1,096
Calif	520	510	520	1.95	1.95	2.20	1,014	995	1,144
Colo	690	750	720	1.40	1.50	1.30	966	1,125	936
Conn	66	64	65	2.10	1.90	1.75	139	122	114
Del	13	11	11	1.70	1.90	1.70	22	21	19
Fla	269	269	240	2.30	2.30	2.30	619	619	552
Ga	475	450	460	2.00	2.60	1.60	950	1,170	736
Idaho	299	300	290	2.20	1.65	2.00	658	495	580

See footnotes at end of table.

Table 409.—Hay, all other: Area, yield, and production, by States, 1978-80—Continued

State	Area harvested			Yield per harvested acre			Production		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<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>
Ill . . . . .	445	440	440	1.95	2.00	1.95	868	880	858
Ind . . . . .	435	425	425	2.10	2.05	2.20	914	871	935
Iowa . . . . .	530	520	510	2.45	2.55	2.30	1,299	1,326	1,173
Kans . . . . .	1,300	1,300	1,200	1.40	1.80	1.15	1,820	2,340	1,380
Ky . . . . .	1,410	1,390	1,360	1.80	1.80	1.75	2,538	2,502	2,380
La . . . . .	352	372	342	2.00	2.20	1.70	704	818	581
Maine . . . . .	200	195	198	2.05	1.70	1.60	410	332	317
Md . . . . .	178	171	165	2.05	2.20	2.10	365	376	347
Mass . . . . .	92	92	92	2.15	2.25	2.10	198	207	193
Mich . . . . .	290	290	290	1.90	2.10	2.00	551	609	590
Minn . . . . .	850	800	850	1.80	2.00	1.70	1,530	1,600	1,445
Miss . . . . .	645	660	660	1.85	1.95	1.60	1,193	1,287	1,040
Mo . . . . .	2,900	2,900	2,750	1.60	1.65	1.20	4,640	4,785	3,300
Mont . . . . .	1,100	1,080	1,000	1.40	1.30	1.35	1,540	1,404	1,350
Nebr . . . . .	2,150	2,050	2,050	1.05	1.10	1.00	2,258	2,255	2,050
Nev . . . . .	260	280	285	1.25	1.25	1.20	325	350	342
N.H . . . . .	72	73	73	1.85	1.90	1.95	133	139	142
N.J . . . . .	76	79	66	2.00	2.20	2.00	152	174	132
N. Mex . . . . .	70	74	70	1.20	1.30	1.60	84	96	112
N.Y . . . . .	1,450	1,410	1,400	1.85	1.90	2.00	2,633	2,679	2,800
N.C . . . . .	375	353	357	1.65	1.60	1.50	619	565	536
N. Dak . . . . .	1,530	1,500	1,600	1.50	1.30	0.85	2,295	1,950	1,360
Ohio . . . . .	930	860	890	2.10	2.15	2.15	1,953	1,849	1,914
Okla . . . . .	1,290	1,440	1,150	1.50	1.70	1.10	1,935	2,448	1,265
Oreg . . . . .	640	645	645	1.75	1.60	1.85	1,120	1,032	1,193
Pa . . . . .	1,095	1,110	1,110	1.80	1.80	1.80	1,971	1,998	1,998
R.I . . . . .	8	8	8	1.80	1.70	1.50	14	14	12
S.C . . . . .	222	215	208	2.00	2.10	1.70	444	452	354
S. Dak . . . . .	1,800	1,800	1,860	1.25	1.15	1.15	2,250	2,070	2,139
Tenn . . . . .	1,145	1,135	1,080	1.45	1.55	1.40	1,660	1,759	1,512
Tex . . . . .	2,750	2,600	2,500	1.65	2.40	1.90	4,538	6,240	4,750
Utah . . . . .	124	123	125	1.75	1.80	1.80	217	221	225
Vt . . . . .	345	340	345	1.85	1.70	1.85	638	578	638
Va . . . . .	870	885	880	1.60	1.70	1.60	1,392	1,505	1,408
Wash . . . . .	373	350	360	1.95	1.95	2.10	727	683	756
W. Va . . . . .	505	500	515	1.50	1.20	1.50	758	600	773
Wis . . . . .	900	930	850	2.25	2.50	2.20	2,025	2,325	1,870
Wyo . . . . .	670	655	665	1.20	1.25	1.10	804	819	732
U.S . . . . .	34,249	33,954	33,168	1.65	1.75	1.54	56,523	59,533	51,205

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 410.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1966-80

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
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million units</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>
1966 . . . . .	22.7	120.9	143.6	121.7	88.2	1.63	1.38	.....
1967 . . . . .	21.9	125.1	147.0	122.1	88.1	1.67	1.39	.....
1968 . . . . .	24.9	124.2	149.1	125.4	87.5	1.70	1.43	.....
1969 . . . . .	23.7	126.0	149.7	125.6	88.0	1.70	1.43	.....
1970 . . . . .	24.1	127.0	151.1	128.9	89.9	1.68	1.43	26.10
1971 . . . . .	22.2	129.1	151.3	125.8	91.1	1.66	1.38	28.10
1972 . . . . .	25.5	128.6	154.1	129.8	93.2	1.65	1.39	31.30
1973 . . . . .	24.3	134.2	158.5	133.0	99.5	1.59	1.34	41.60
1974 . . . . .	25.4	126.4	151.8	133.3	103.8	1.46	1.29	50.90
1975 . . . . .	18.5	132.4	150.9	125.2	98.2	1.54	1.27	52.20
1976 . . . . .	25.5	120.1	145.6	126.0	94.8	1.54	1.33	60.20
1977 . . . . .	19.5	132.2	151.7	126.7	89.5	1.69	1.42	53.70
1978 . . . . .	24.1	143.8	167.9	136.4	86.0	1.95	1.69	49.80
1979 . . . . .	30.1	147.8	177.9	142.9	87.5	2.03	1.63	59.20
1980 <sup>1</sup> . . . . .	33.3	131.1	164.4	139.1	90.6	1.81	1.54	69.80

<sup>1</sup> Preliminary.

Economic Research Service.

Table 411.—Hay, all: Production, disposition, and value, by States, crop of 1980 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per ton, baled	Value of—	
					Production	Sales
	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 dollars
Ala	1,031	928	103	55.50	57,221	5,717
Ariz	1,260	189	1,071	81.50	102,690	87,287
Ark	1,221	1,026	195	47.00	57,387	9,165
Calif	7,736	2,011	5,725	93.50	723,316	535,288
Colo	3,276	1,867	1,409	64.00	209,664	90,176
Conn	168	146	22	74.00	12,432	1,628
Del	40	31	9	68.00	2,720	612
Fla	552	408	144	64.00	35,328	9,216
Ga	736	611	125	64.00	47,104	8,000
Idaho	4,395	3,076	1,319	61.50	270,293	81,119
Ill	3,558	3,149	409	52.00	185,016	21,268
Ind	2,208	1,943	265	56.50	124,752	14,973
Iowa	8,037	7,314	723	57.00	458,109	41,211
Kans	4,230	3,215	1,015	60.50	255,915	61,408
Ky	2,970	2,721	249	58.50	173,745	14,567
La	612	539	73	50.00	30,600	3,650
Maine	362	320	42	61.00	22,082	2,562
Md	564	493	71	67.50	38,070	4,793
Mass	258	227	31	75.00	19,350	2,325
Mich	3,844	3,191	653	36.00	138,384	23,508
Minn	7,115	6,190	925	67.50	480,263	62,438
Miss	1,040	915	125	50.00	52,000	6,250
Mo	4,470	4,023	447	69.50	310,665	31,067
Mont	4,170	3,607	563	63.00	262,710	35,469
Nebr	7,083	5,843	1,240	55.50	393,107	68,820
Nev	1,095	657	438	91.50	100,193	40,077
N.H	187	163	24	73.00	13,651	1,752
N.J	255	130	125	76.00	19,380	9,500
N. Mex	1,144	458	686	85.00	97,240	58,310
N.Y	5,787	5,208	579	59.00	341,433	34,161
N.C	592	515	77	63.00	37,296	4,851
N. Dak	2,519	2,189	330	75.00	188,925	24,750
Ohio	3,588	2,748	840	56.00	200,928	47,040
Okla	2,315	1,736	579	70.50	163,208	40,820
Oreg	2,893	2,170	723	76.50	221,315	55,310
Pa	4,182	3,387	795	68.00	284,376	54,060
R.I	18	15	3	75.00	1,350	225
S.C	354	296	58	67.00	23,718	3,886
S. Dak	5,539	4,770	589	64.00	342,976	37,696
Tenn	1,764	1,623	141	46.00	81,144	6,486
Tex	5,515	4,136	1,379	65.00	358,475	89,635
Utah	2,058	1,441	617	69.50	143,031	42,882
Vt	886	820	66	63.00	55,818	4,158
Va	1,626	1,472	154	67.00	108,942	10,318
Wash	2,625	1,522	1,103	90.00	236,250	99,270
W. Va	977	907	70	60.00	58,620	4,200
Wis	12,545	11,730	815	39.50	495,528	32,193
Wyo	1,850	1,554	296	70.00	129,500	20,720
U.S	131,070	103,630	27,440	70.90	8,166,220	1,944,817

Statistical Reporting Service.

Table 412.—Hay: Area and production, by kinds, United States, 1966–80

Year	Alfalfa	Clover and timothy	Lespedeza	Soybean	Cowpea	Peanutvine	Grains cut green for hay	Wild hay	Other hay	All other hay	All hay
Area harvested											
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1966	28,950	12,883	1,730	(1)	(1)	407	2,793	9,035	8,558	.....	64,356
1967	27,997	12,759	1,590	.....	.....	330	2,289	9,422	8,916	.....	63,303
1968	26,964	12,685	1,375	.....	.....	311	2,480	8,564	8,543	.....	60,922
1969	26,634	12,538	1,178	.....	.....	337	2,693	8,314	8,022	33,082	59,716
1970	27,276	12,913	1,098	.....	.....	312	2,762	8,549	8,656	34,191	61,457
1971	27,599	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	33,756	61,385
1972	27,187	.....	.....	.....	.....	.....	.....	.....	.....	32,493	59,680
1973	27,826	.....	.....	.....	.....	.....	.....	.....	.....	34,002	61,828
1974	26,877	.....	.....	.....	.....	.....	.....	.....	.....	33,318	60,195
1975	27,288	.....	.....	.....	.....	.....	.....	.....	.....	34,065	61,353
1976	26,674	.....	.....	.....	.....	.....	.....	.....	.....	33,703	60,377
1977	27,150	.....	.....	.....	.....	.....	.....	.....	.....	33,838	60,988
1978	27,864	.....	.....	.....	.....	.....	.....	.....	.....	34,249	62,113
1979	27,712	.....	.....	.....	.....	.....	.....	.....	.....	33,954	61,666
1980 <sup>3</sup>	26,269	.....	.....	.....	.....	.....	.....	.....	.....	33,168	59,437
Production											
	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	1,000 tons
1966	73,073	20,895	2,192	(1)	(1)	285	3,603	7,867	13,015	.....	120,930
1967	74,260	22,132	2,400	.....	.....	236	3,305	9,034	13,767	.....	125,134
1968	73,632	22,837	1,937	.....	.....	226	3,529	7,928	14,155	.....	124,244
1969	75,883	22,933	1,706	.....	.....	236	3,943	8,238	13,087	50,143	126,026
1970	75,573	23,403	1,615	.....	.....	237	3,920	8,161	14,188	51,396	126,969
1971	77,285	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	51,847	129,132
1972	78,226	.....	.....	.....	.....	.....	.....	.....	.....	50,339	128,565
1973	78,805	.....	.....	.....	.....	.....	.....	.....	.....	55,412	134,217
1974	74,368	.....	.....	.....	.....	.....	.....	.....	.....	52,016	126,384
1975	78,183	.....	.....	.....	.....	.....	.....	.....	.....	54,214	132,397
1976	69,960	.....	.....	.....	.....	.....	.....	.....	.....	50,165	120,125
1977	80,814	.....	.....	.....	.....	.....	.....	.....	.....	51,397	132,211
1978	87,294	.....	.....	.....	.....	.....	.....	.....	.....	56,523	143,817
1979	88,314	.....	.....	.....	.....	.....	.....	.....	.....	59,533	147,847
1980 <sup>3</sup>	79,865	.....	.....	.....	.....	.....	.....	.....	.....	51,205	131,070

<sup>1</sup>Included in "Other hay" from 1966 through 1970.<sup>2</sup>Not estimated separately; included in "All other hay."<sup>3</sup>Preliminary.

Statistical Reporting Service.

Table 413.—Pasture and range: Condition,<sup>1</sup> first of month, United States, 1966–80

Year	April <sup>2,3</sup>	May	June	July	August	September	October	November	December <sup>2</sup>
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1966	79	81	82	78	68	77	78	76	.....
1967	74	79	77	85	84	79	79	79	.....
1968	77	83	85	86	82	81	82	81	.....
1969	77	86	89	85	83	77	78	78	.....
1970	79	84	85	86	76	73	80	81	.....
1971	70	75	80	80	77	77	80	83	.....
1972	{ 78 } { 80 }	78	84	82	81	81	80	81	80
1973	{ 86 } { 86 }	87	87	87	83	78	82	83	81
1974	{ 79 } { 79 }	81	84	82	66	71	75	70	81
1975	{ 77 } { 75 }	76	86	88	80	76	80	77	81
1976	{ 73 } { 74 }	79	77	75	70	61	63	66	81
1977	{ 68 } { 66 }	76	74	68	64	71	76	75	81
1978	{ 68 } { 71 }	75	85	85	77	75	77	73	81
1979	{ 75 } { 77 }	84	87	86	84	86	81	77	81
1980	{ 76 } { 77 }	80	81	78	60	61	63	65	81

See footnotes on page 278.



Table 414.—Pasture and range: Condition,<sup>1</sup> June 1 and Sept. 1, by States, average 1969-78, annual 1979 and 1980

State	Condition June 1			Condition Sept. 1			State	Condition June 1			Condition Sept. 1		
	Average 1969-78	1979	1980	Average 1969-78	1979	1980		Average 1969-78	1979	1980	Average 1969-78	1979	1980
	Percent	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent	Percent
Ala	82	85	89	80	88	58	Nev	81	89	98	78	82	94
Ariz	75	93	75	72	77	68	N.H.	90	96	95	79	85	87
Ark	85	91	89	70	90	22	N.J.	88	93	91	79	86	52
Calif	74	91	95	71	88	88	N.Mex	70	87	76	75	88	54
Colo	76	86	91	71	88	73	N.Y.	89	92	91	80	72	79
Conn	89	96	96	78	72	87	N.C.	88	93	92	82	82	64
Del	88	93	89	78	95	50	N.Dak	78	79	24	69	72	45
Fla	72	86	82	85	84	82	Ohio	88	90	92	84	97	95
Ga	81	87	84	79	82	44	Okla	85	88	87	70	87	36
Idaho	83	86	96	81	72	96	Oreg	84	92	96	80	75	92
Ill	89	90	90	79	89	70	Pa	90	93	93	81	85	69
Ind	89	91	92	84	96	87	R.I.	92	92	96	81	92	72
Iowa	90	91	72	77	89	79	S.C.	82	91	83	78	76	47
Kans	88	88	83	71	88	52	S.Dak	81	78	43	64	88	48
Ky	90	90	93	88	96	71	Tenn	88	94	94	80	93	50
La	79	80	82	78	87	47	Tex	75	83	79	66	85	37
Maine	88	97	94	79	86	88	Utah	78	88	94	74	75	82
Md	86	92	93	79	92	58	Vt	88	94	96	77	77	86
Mass	91	96	95	79	85	84	Va	88	97	99	83	93	70
Mich	87	88	91	74	89	90	Wash	85	82	88	77	70	84
Minn	84	82	62	68	92	74	W. Va	82	91	93	86	94	92
Miss	84	88	87	78	91	65	Wis	88	87	77	70	91	89
Mo	88	90	78	66	84	35	Wyo	86	82	89	81	79	70
Mont	83	83	57	80	69	64							
Nebr	86	85	80	70	87	57	U.S.	83	87	81	74	86	61

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.

Statistical Reporting Service.

Table 415.—Field seeds: Production of clean seed, United States, 1966-80

Year	Alfalfa	Red clover	Ladino clover	Lespedeza	Timothy	Orchard-grass <sup>1</sup>	Kentucky blue grass <sup>2</sup>	Chewings fescue	Red fescue	Tall fescue	Bent-grass	Rye grass
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1966	117,054	63,183	4,205	52,230	34,160	10,010	35,390	7,175	6,918	79,596	8,463	151,940
1967	112,637	43,787	3,600	38,512	27,484	6,880	41,147	7,350	8,893	49,730	7,968	136,960
1968	115,225	37,920	3,688	38,500	19,078	6,510	38,455	5,760	6,578	55,832	6,516	166,595
1969	102,518	40,592	4,950	47,017	27,503	8,060	36,636	7,425	6,348	64,833	5,733	189,080
1970	137,977	46,084	4,760	37,830	28,283	8,673	39,909	7,260	6,150	83,065	7,473	218,300
1971	118,747	40,478	4,950	25,323	28,283	8,273	53,822	8,670	7,800	91,462	10,193	264,480
1972	105,465	25,118	3,875	14,985	20,953	19,270	51,710	6,765	6,380	88,995	9,632	211,080
1973	102,408	30,455	3,120	15,436	23,728	20,379	40,180	7,700	7,250	131,970	9,585	208,800
1974	111,300	31,257	3,285	11,038	23,038	15,942	59,591	6,825	7,750	103,860	9,230	218,500
1975	91,405	36,714	4,290	15,062	14,488	13,685	38,872	5,750	6,720	123,120	7,790	226,800
1976	80,748	35,516	3,422	11,045	12,633	11,310	34,834	5,415	6,630	84,910	6,650	212,100
1977	97,085	24,472	3,300	11,780	12,149	9,648	19,766	5,500	6,000	107,290	6,800	270,800
1978	91,725	32,827	3,562	11,410	16,540	12,808	44,966	5,400	6,500	169,065	4,140	265,100
1979	100,235	26,793	3,438	12,562	18,715	14,965	36,570	8,505	5,200	100,165	4,500	246,400
1980	102,140	25,230	2,898	5,373	8,115	16,785	50,031	10,720	6,000	78,630	6,120	276,700

<sup>1</sup> Does not include Oregon prior to 1972.

<sup>2</sup> Other than Merion, prior to 1974.

Statistical Reporting Service.

Table 416.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1966-80

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Alfalfa seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	572,800	204	117,054	35.60	41,445	7,599	27,692	35,291	114	152,459	118,247	17,701
1967	463,200	243	112,637	41.10	46,200	5,220	28,992	34,212	1,077	147,926	112,301	10,964
1968	537,000	215	115,225	37.90	43,603	5,548	30,077	35,625	680	151,530	114,100	12,244
1969	485,200	211	102,518	37.40	38,279	4,852	32,578	37,430	165	140,113	113,820	16,610
1970	624,600	221	137,977	35.50	48,732	4,134	22,159	26,293	54	164,324	122,463	20,969
1971	495,900	239	118,747	35.00	41,345	9,464	32,397	41,861	72	160,680	125,391	17,830
1972	374,100	282	106,465	43.60	45,818	6,084	29,205	35,289	270	141,024	115,515	17,655
1973	412,500	248	102,408	86.40	88,372	3,895	21,614	25,509	191	128,108	100,103	17,239
1974	456,000	244	111,300	83.70	92,534	2,155	25,850	28,005	229	139,534	86,383	13,403
1975	342,000	267	91,405	68.60	62,284	14,995	38,156	53,151	111	144,667	109,219	16,660
1976	350,000	231	80,748	102.00	81,850	7,852	27,596	35,448	160	116,356	90,328	11,032
1977	411,500	236	97,085	108.00	104,403	3,908	22,120	26,028	777	123,890	95,622	16,804
1978	527,000	174	91,725	117.00	106,084	4,308	23,960	28,268	189	120,182	85,635	12,339
1979	497,000	202	100,235	114.00	113,115	5,907	28,640	34,547	59	134,841	94,675	19,707
1980	429,000	238	102,140	113.00	114,652	8,646	31,520	40,166	.....	.....	.....	.....
Red clover seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	672,100	94	63,183	22.90	14,333	14,204	16,780	30,984	3,082	97,249	64,835	2,232
1967	477,000	92	43,787	27.00	11,389	15,628	16,786	32,414	6,353	82,554	62,277	2,112
1968	457,500	83	37,920	30.70	11,473	8,325	11,952	20,277	9,891	68,088	53,111	699
1969	403,000	101	40,592	35.60	14,317	6,846	8,131	14,977	7,391	62,960	47,152	1,383
1970	445,300	103	46,084	31.70	14,359	5,310	10,488	15,798	5,104	66,986	48,258	1,542
1971	377,600	107	40,478	27.50	11,014	6,403	12,325	18,728	5,605	64,811	45,791	1,250
1972	261,800	96	25,118	40.70	9,995	8,135	10,885	19,020	6,128	50,266	36,921	1,160
1973	332,000	92	30,455	61.90	18,393	5,263	8,021	13,284	3,684	47,423	37,268	575
1974	318,900	98	31,257	58.40	17,829	4,630	6,002	10,632	5,451	47,340	37,276	813
1975	342,300	107	36,274	49.50	18,030	5,324	4,748	10,072	5,041	51,827	37,037	3,155
1976	347,600	102	35,516	63.10	21,819	6,244	6,307	12,551	3,373	51,440	30,932	2,037
1977	239,100	102	24,472	73.80	17,464	6,203	8,200	14,403	3,514	42,389	32,390	1,316
1978	290,500	113	32,827	68.00	21,702	4,837	6,620	11,457	4,369	48,653	32,390	1,316
1979	240,100	112	26,793	62.60	16,461	6,103	10,160	16,263	2,928	45,984	30,296	1,596
1980	224,700	112	25,230	65.20	16,176	4,278	11,410	15,688	.....	.....	.....	.....
Ladino clover seed <sup>1</sup>												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	14,500	290	4,205	50.00	2,103	.....	1,923	1,923	.....	6,128	4,273	3,373
1967	12,000	300	3,600	62.50	2,250	.....	1,855	1,855	1	5,456	3,646	2,108
1968	12,500	295	3,688	71.00	2,618	.....	1,810	1,810	2	5,500	4,485	2,706
1969	16,500	300	4,950	70.00	3,465	.....	1,015	1,015	1	9,966	4,551	2,346
1970	17,000	280	4,760	68.50	3,261	0	1,415	1,415	2	6,177	4,848	3,254
1971	18,000	275	4,950	64.00	3,168	48	1,281	1,329	10	6,289	4,414	2,491
1972	15,500	250	3,875	62.50	2,422	0	1,875	1,875	5	5,755	4,312	3,329
1973	12,000	260	3,120	100.00	3,120	0	1,443	1,443	10	4,573	3,319	3,485
1974	9,000	365	3,285	160.00	5,256	0	1,254	1,254	12	4,551	2,905	1,086
1975	11,000	390	4,290	107.00	4,590	0	1,646	1,646	3	9,939	4,183	1,579
1976	11,600	295	3,422	130.00	4,449	40	1,716	1,756	180	5,358	3,478	2,703
1977	12,000	275	3,300	120.00	3,960	0	1,880	1,880	10	5,190	3,460	2,110
1978	13,700	260	3,562	138.00	4,916	0	1,730	1,730	0	5,292	3,202	1,631
1979	12,500	275	3,438	145.00	4,985	0	2,090	2,090	0	5,528	3,458	1,942
1980	8,400	345	2,898	136.00	3,941	0	2,070	2,070	.....	.....	.....	.....

See footnotes at end of table.

Table 416.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1966—80—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Crimson clover seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	34,900	235	8,214	20.60	1,713	460	1,492	1,925	.....	10,166	9,754	.....
1967	28,400	279	7,912	21.90	1,738	113	299	412	.....	8,324	7,224	.....
1968	26,400	266	7,031	22.80	1,612	75	1,025	1,100	.....	8,133	6,269	.....
1969	24,500	303	7,431	22.50	1,679	77	1,787	1,864	1	9,296	6,351	.....
1970	26,700	337	8,992	13.10	1,192	411	2,534	2,945	0	11,937	6,495	.....
1971	16,700	224	3,742	15.40	577	1,885	3,557	5,442	1	9,185	6,462	.....
1972	11,300	241	2,718	20.80	564	449	2,274	2,723	11	5,452	4,756	.....
1973	8,600	320	2,754	35.90	989	71	625	696	2	3,452	3,000	.....
1974	7,100	253	1,796	57.80	1,038	23	429	452	1	2,249	2,047	.....
1975	6,700	335	2,247	59.80	1,344	57	145	202	200	2,649	2,002	.....
1976	11,500	320	3,680	35.50	1,306	10	637	647	2	4,329	3,142	.....
1977	11,500	330	3,795	32.00	1,214	37	1,150	1,187	3	4,985	3,627	.....
1978	10,500	300	3,150	49.00	1,544	38	1,320	1,358	118	4,626	3,717	.....
1979	10,000	460	4,600	50.00	2,300	189	720	909	1	5,510	4,484	.....
1980	9,000	325	2,925	49.00	1,433	46	980	1,026	.....	.....	.....	.....
Lespedeza seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	239,500	218	52,230	14.40	7,520	2,460	5,838	8,298	.....	60,528	52,486	.....
1967	196,200	196	38,512	15.20	5,867	2,608	5,434	8,042	.....	46,554	43,297	.....
1968	172,000	224	38,500	16.40	6,337	1,670	1,587	3,257	.....	41,757	37,878	.....
1969	183,300	257	47,017	15.30	7,149	1,060	2,819	3,879	.....	50,896	38,351	.....
1970	165,500	229	37,830	13.90	5,219	2,538	10,007	12,545	.....	50,375	39,726	.....
1971	130,700	194	25,323	15.40	3,775	1,995	8,654	10,649	.....	35,972	30,550	.....
1972	78,000	192	14,985	22.30	3,345	1,040	4,382	5,422	.....	20,407	17,760	.....
1973	74,300	208	15,436	37.20	5,715	756	1,871	2,647	.....	18,083	14,454	.....
1974	58,500	189	11,038	36.10	4,023	489	3,140	3,629	.....	14,667	12,196	.....
1975	68,600	220	15,062	30.80	4,673	696	1,775	2,471	.....	17,533	15,555	.....
1976	57,900	191	11,045	43.40	4,785	479	1,499	1,978	.....	13,023	10,693	.....
1977	56,600	208	11,780	68.50	7,932	490	1,840	2,330	.....	14,110	11,248	.....
1978	50,700	225	11,410	45.00	5,052	552	2,310	2,862	.....	14,272	9,950	.....
1979	57,100	220	12,562	34.70	4,307	882	3,440	4,322	.....	16,884	11,636	.....
1980	33,900	158	5,373	49.20	2,628	2,238	3,010	5,248	.....	.....	.....	.....
Timothy seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	215,300	159	34,160	9.00	3,102	1,326	8,992	10,318	2,888	47,366	28,720	1,489
1967	174,600	157	27,484	5.83	1,595	4,263	14,383	18,646	252	46,382	26,824	3,278
1968	155,300	152	19,078	8.65	1,653	4,774	14,784	19,558	423	39,059	26,507	1,563
1969	125,000	177	27,503	8.41	2,321	2,273	10,279	12,552	70	40,125	25,830	5,611
1970	142,000	178	25,283	7.10	1,794	2,601	11,694	14,295	259	39,337	26,813	6,692
1971	136,700	207	28,280	8.05	2,267	2,922	10,102	13,024	55	41,329	32,741	6,645
1972	110,500	190	20,953	15.60	3,259	1,718	6,870	8,588	619	30,160	26,707	8,254
1973	147,500	161	23,728	31.80	7,439	860	2,593	3,453	998	28,179	20,094	4,055
1974	134,600	171	23,038	21.30	4,826	1,347	6,738	8,205	709	31,832	19,328	3,289
1975	78,400	185	14,488	14.80	2,080	2,639	9,568	12,077	552	27,247	17,675	5,222
1976	73,000	173	12,633	27.50	3,429	4,313	5,556	9,869	790	23,292	18,037	8,153
1977	65,100	187	12,149	50.60	6,132	1,335	3,920	5,265	1,440	18,844	16,987	4,178
1978	78,500	211	16,540	43.50	7,116	627	1,260	1,887	837	19,264	14,510	4,967
1979	76,600	245	18,715	34.30	6,415	774	3,980	4,754	1,191	24,660	16,055	6,016
1980	62,000	131	8,115	50.20	4,049	1,945	6,660	8,605	.....	.....	.....	.....

See footnotes at end of table.

Table 416.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1960—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Orchardgrass seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	43,000	233	10,010	15.00	1,501	363	4,944	5,307	5,821	21,138	14,697	.....
1967	31,000	222	6,880	15.30	1,051	397	6,044	6,441	6,859	20,180	15,016	.....
1968	32,000	203	6,510	19.50	1,275	240	4,924	5,164	8,196	19,870	14,204	.....
1969	34,500	234	8,060	19.60	1,588	216	5,450	5,666	4,918	18,644	12,798	.....
1970	36,500	238	8,673	20.20	1,751	259	5,587	5,846	1,670	16,189	9,943	.....
1971	32,500	255	8,273	19.20	1,587	282	5,964	6,246	1,724	16,243	9,136	.....
1972	46,000	419	19,270	23.30	4,481	268	6,839	7,107	1,453	27,830	19,928	.....
1973	44,800	455	20,379	33.90	6,900	748	7,154	7,902	101	28,382	18,831	.....
1974	37,400	426	15,942	32.10	5,119	947	8,604	9,551	83	25,576	15,641	.....
1975	26,000	526	13,685	26.30	3,604	1,922	8,013	9,935	145	23,765	14,481	.....
1976	22,500	503	11,310	30.60	3,459	654	8,630	9,284	1,227	21,821	13,626	.....
1977	18,800	513	9,648	33.50	3,235	1,025	7,170	8,195	482	18,325	13,537	1,173
1978	21,800	588	12,808	40.50	5,193	238	4,550	4,788	284	17,880	14,776	2,482
1979	22,500	665	14,965	44.50	6,658	104	3,000	3,104	31	18,100	14,157	3,450
1980	27,700	606	16,785	45.10	7,563	53	3,890	3,943	.....	.....	.....	.....
Chewings fescue seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	17,500	410	7,175	25.50	1,830	126	2,378	2,504	29	9,708	6,679	.....
1967	17,500	420	7,350	19.50	1,433	789	2,240	3,029	6	10,385	7,159	.....
1968	16,000	360	5,780	22.00	1,267	514	2,712	3,226	4	8,990	7,413	.....
1969	16,500	450	7,425	24.00	1,782	403	1,174	1,577	28	9,030	6,754	.....
1970	16,500	440	7,260	33.00	2,396	371	1,905	2,276	76	9,612	6,564	.....
1971	17,000	510	8,670	28.00	2,428	218	2,830	3,048	10	11,728	8,815	.....
1972	16,500	410	6,765	33.00	2,232	434	2,479	2,913	60	9,738	7,511	.....
1973	14,000	550	7,700	52.00	4,004	68	2,159	2,227	6	9,933	6,875	.....
1974	13,000	525	6,825	31.00	2,116	693	2,365	3,058	43	9,926	5,928	.....
1975	11,500	500	5,750	26.00	1,495	1,820	2,178	3,998	9	9,757	7,278	.....
1976	9,500	570	5,415	43.00	2,328	460	2,019	2,479	13	7,907	6,129	.....
1977	10,000	550	5,500	52.00	2,860	108	1,670	1,778	25	7,303	5,833	.....
1978	12,000	450	5,400	59.00	3,186	330	1,140	1,470	18	6,888	5,916	.....
1979	13,500	630	8,505	72.00	6,124	162	810	972	15	9,492	7,241	.....
1980	16,000	670	10,720	66.00	7,075	851	1,400	2,251	.....	.....	.....	.....
Red fescue seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	15,250	454	6,918	25.30	1,752	114	6,817	6,931	9,701	23,550	17,034	.....
1967	16,700	533	8,893	18.90	1,683	607	5,909	6,516	10,423	25,832	18,599	.....
1968	15,500	424	6,578	20.90	1,377	474	6,759	7,233	16,387	30,198	21,834	.....
1969	14,200	447	6,348	25.00	1,585	646	7,718	8,364	14,476	29,188	21,983	.....
1970	15,000	410	6,150	31.50	1,937	189	7,016	7,205	16,683	30,038	23,509	.....
1971	15,000	520	7,800	29.00	2,262	123	6,406	6,529	11,928	26,257	20,995	.....
1972	14,500	440	6,380	34.00	2,169	0	5,262	5,262	10,999	22,641	19,167	.....
1973	14,500	500	7,250	61.00	4,423	64	3,410	3,474	15,318	26,042	19,331	.....
1974	15,500	500	7,750	30.00	2,325	362	6,349	6,711	10,549	25,010	17,072	.....
1975	14,000	480	6,720	25.00	1,680	1,938	6,000	7,938	13,369	28,027	22,031	.....
1976	13,000	510	6,630	42.00	2,785	605	5,391	5,996	22,369	34,995	24,733	.....
1977	12,000	500	6,000	52.00	3,120	862	9,400	10,262	19,375	35,637	27,887	.....
1978	12,500	520	6,500	57.00	3,705	600	7,150	7,750	12,091	26,341	20,391	.....
1979	10,000	520	5,200	74.00	3,848	650	5,300	5,950	13,350	24,500	20,388	.....
1980	10,000	600	6,000	70.00	4,200	52	4,060	4,112	.....	.....	.....	.....

See footnotes at end of table.

Table 416.—Field seeds, by kinds: Area, yield, production, value, and supply and disposal, United States, 1966-80—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Tall fescue seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	308,700	258	79,593	8.32	6,640	2,849	10,657	13,506	1	93,100	67,016	.....
1967	203,600	244	49,739	8.58	4,278	7,652	18,432	26,084	0	75,823	64,154	.....
1968	227,900	245	55,832	10.50	5,845	2,197	9,472	11,669	1	67,502	60,967	.....
1969	255,800	253	64,833	14.30	9,263	1,505	5,030	6,535	2	71,370	55,642	.....
1970	321,100	259	83,065	9.00	7,481	2,163	13,565	15,728	21	98,814	79,608	.....
1971	297,700	307	91,462	9.10	8,341	6,386	12,820	19,206	0	110,668	98,485	.....
1972	315,000	283	88,995	12.30	11,002	2,857	9,326	12,183	49	101,227	90,400	.....
1973	452,000	292	131,970	17.10	22,574	1,397	9,430	10,827	176	142,973	112,908	.....
1974	409,000	254	103,860	14.20	14,724	6,397	23,668	30,065	10	133,935	106,579	.....
1975	451,500	273	123,120	13.60	16,796	9,151	18,205	27,356	4	150,480	118,341	.....
1976	368,500	230	84,910	20.00	16,965	7,119	25,020	32,139	6	117,055	105,590	.....
1977	457,500	235	107,290	23.00	24,640	1,615	9,850	11,465	4	118,759	105,862	2,092
1978	595,500	302	169,055	12.10	20,517	2,007	10,890	12,897	52	182,004	130,406	6,501
1979	354,000	283	100,165	21.70	21,776	21,358	30,240	51,598	30	151,793	113,773	6,788
1980	312,000	252	78,630	23.40	18,374	14,020	24,000	38,020	.....	.....	.....	.....
Bentgrass seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	31,600	268	8,463	25.90	2,187	784	2,636	3,420	9	11,892	9,085	8,089
1967	30,250	264	7,978	35.10	2,800	857	1,950	2,807	5	10,790	8,000	6,826
1968	26,150	249	6,516	36.60	2,382	835	1,955	2,790	110	9,416	7,219	6,278
1969	26,120	219	5,733	50.20	2,876	455	1,742	2,197	197	8,127	6,690	6,950
1970	26,230	285	7,473	47.60	3,555	114	1,323	1,437	20	8,930	7,211	7,501
1971	27,260	374	10,193	49.40	5,031	223	1,496	1,719	63	11,975	9,599	9,144
1972	28,330	340	9,632	42.40	4,082	113	2,263	2,376	11	12,019	9,248	9,676
1973	27,000	355	9,585	54.00	5,176	327	2,444	2,771	92	12,448	9,103	8,710
1974	26,000	355	9,230	40.00	3,692	742	2,603	3,345	41	12,616	8,491	8,175
1975	20,500	380	7,790	44.00	3,428	2,125	2,000	4,125	60	11,975	8,697	8,425
1976	19,000	350	6,650	79.00	5,254	1,558	1,720	3,278	53	9,981	7,566	7,366
1977	17,000	400	6,800	88.00	5,984	865	1,550	2,415	20	9,235	8,217	6,431
1978	18,000	230	4,140	125.00	5,175	68	950	1,018	17	5,175	4,471	4,301
1979	18,000	250	4,500	190.00	8,550	124	580	704	24	5,228	4,403	4,180
1980	18,000	340	6,120	112.00	6,854	225	600	825	.....	.....	.....	.....
Hairy vetch seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966	90,000	216	19,480	11.80	2,301	404	1,243	1,647	8	21,135	14,153	.....
1967	73,500	189	13,862	8.44	1,170	959	6,023	6,982	0	20,844	15,122	.....
1968	55,500	163	9,020	11.20	991	708	5,014	5,722	1,164	15,906	12,920	.....
1969	55,200	178	9,799	14.70	1,400	650	2,336	2,986	1,153	13,938	11,431	.....
1970	51,600	204	10,508	12.50	1,335	580	1,927	2,507	5	13,020	9,213	.....
1971	46,400	226	10,487	12.20	1,284	544	3,263	3,807	5	14,299	9,440	.....
1972	46,400	159	7,390	11.30	837	1,335	3,524	4,859	2	12,251	9,024	.....
1973	33,000	182	6,005	13.60	816	637	2,590	3,227	4	9,236	5,178	.....
1974	24,500	176	4,310	19.00	821	430	3,628	4,058	111	8,479	7,694	.....
1975	28,400	243	6,889	24.00	1,656	82	703	785	0	7,674	4,538	.....
1976	27,000	251	6,765	25.10	1,700	448	2,688	3,136	3	9,904	8,696	.....
1977	30,500	270	8,235	27.10	2,234	148	1,060	1,208	2	9,445	8,547	.....
1978	8,000	450	3,600	32.00	1,152	48	850	898	2	4,500	3,040	.....
1979	10,000	500	5,000	38.00	1,900	0	1,460	1,460	7	6,467	4,237	.....
1980	8,000	310	2,480	35.00	868	50	2,180	2,230	.....	.....	.....	.....

See footnotes at end of table.

**Table 416.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1966–80—Continued**

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
All ryegrass seed <sup>2</sup>												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</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>
1966 ..	142,000	1,070	151,940	5.90	8,964	17,101	34,329	51,430	294	203,664	160,003	13,192
1967 ..	128,000	1,070	136,960	6.50	8,902	9,568	34,093	43,661	280	180,901	153,528	16,922
1968 ..	143,000	1,165	166,595	7.90	13,161	5,478	21,895	27,373	650	194,618	163,286	10,996
1969 ..	163,000	1,160	189,080	8.10	15,315	2,493	28,839	31,332	1,659	222,071	180,194	14,602
1970 ..	185,000	1,180	218,300	6.50	14,190	13,442	28,435	41,877	867	261,044	200,234	23,314
1971 ..	174,000	1,520	264,480	5.60	14,811	28,002	32,808	60,810	1,077	326,367	242,546	15,638
1972 ..	173,000	1,220	211,060	7.30	15,407	29,129	54,692	83,821	958	295,839	254,277	20,948
1973 ..	180,000	1,160	208,800	16.00	33,408	555	41,007	41,562	1,399	251,761	194,231	27,456
1974 ..	190,000	1,150	218,500	17.00	37,145	22,968	34,562	57,530	1,644	277,674	228,518	15,846
1975 ..	180,000	1,260	226,800	11.50	26,082	16,991	32,165	49,156	159	276,115	208,644	16,923
1976 ..	166,000	1,278	212,100	15.60	33,034	18,900	48,571	67,471	1,016	280,587	239,414	18,687
1977 ..	180,000	1,504	270,800	13.40	36,188	6,503	34,670	41,173	1,301	313,274	239,338	23,828
1978 ..	202,000	1,312	265,100	13.90	36,860	30,286	43,650	73,936	754	339,790	274,627	23,285
1979 ..	187,000	1,318	246,400	16.60	40,893	30,833	34,330	65,163	312	311,875	259,539	28,962
1980 ..	190,000	1,456	276,700	17.30	47,810	14,276	38,060	52,336	....	....	....	....

<sup>1</sup> Includes proprietary and Merit varieties.

<sup>2</sup> Oregon only

Statistical Reporting Service.

FOOTNOTES FOR TABLE 413

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65–79, poor to fair; 50–64, very poor; 35–49, severe drought; and under 35, extreme drought.

<sup>2</sup> Excludes Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

<sup>3</sup> Also, excludes Idaho, Iowa, Montana, Nebraska, North Dakota, South Dakota, and Wyoming for 1966–71.

<sup>4</sup> 30 States (April only).

<sup>5</sup> 37 States (April and December only).

Statistical Reporting Service.

FOOTNOTES FOR TABLE 419

<sup>1</sup> Includes Proprietary and Merit varieties.

<sup>2</sup> Any variety over which a person, company, partnership, corporation, society, or association has control or ownership of the production and resale of seed stock and commercial seed of the variety.

<sup>3</sup> Other States include Iowa, Minnesota, Missouri, and South Dakota.

Statistical Reporting Service.

Table 417.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1972-81

Kind of seed	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
	Price per 100 pounds									
	<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>	<i>Dollars</i>
Alfalfa, uncertified varieties	50.90	75.80	153.00	114.00	99.00	153.00	168.00	180.00	174.00	172.00
Alfalfa, certified varieties	26.50	83.20	167.00	140.00	116.00	177.00	194.00	215.00	213.00	218.00
Red clover	52.80	73.30	114.00	106.00	90.00	108.00	128.00	115.00	110.00	117.00
Alsike clover	37.70	39.90	59.50	67.50	63.00	89.50	67.00	.....	.....	.....
Sweetclover	21.90	22.70	28.00	35.00	36.00	38.50	39.00	.....	.....	.....
Ladino clover	137.00	143.00	220.00	250.00	210.00	220.00	220.00	280.00	250.00	317.00
Lespedeza Korean	26.40	46.10	68.00	59.50	48.00	62.50	74.00	66.00	52.00	82.00
Lespedeza, Striate, Kobe	29.00	47.40	70.00	69.00	73.00	93.50	107.00	96.00	71.00	104.00
Lespedeza, Sericea	44.70	99.10	127.00	76.00	91.00	226.00	301.00	157.00	106.00	128.00
Timothy	24.60	46.10	65.00	51.00	37.00	60.00	124.00	98.00	80.00	98.20
Orchardgrass	38.80	46.10	65.50	63.00	53.00	62.00	70.00	85.00	95.00	98.00
Kentucky bluegrass	65.20	70.90	162.00	107.00	92.00	147.00	165.00	155.00	170.00	142.00
Ryegrass, annual	17.20	21.30	49.00	34.90	28.00	35.00	32.00	32.00	35.50	37.80
Tall fescue	24.50	39.20	43.50	35.00	32.50	47.50	62.00	40.00	49.50	65.40
Sudangrass	19.80	21.90	24.50	27.30	28.00	34.50	32.00	33.00	33.50	40.70
Potatoes <sup>1</sup>	3.13	4.92	8.05	5.30	7.40	5.63	5.00	4.60	4.90	11.00
Peanuts	37.10	38.30	46.00	45.50	43.50	52.00	53.00	54.00	64.00	135.00
Sunflower <sup>2</sup>	.....	.....	.....	.....	.....	.....	.....	155.00	165.00	181.00
Cottonseed	17.40	18.30	25.30	33.60	28.50	30.30	31.00	33.10	35.20	40.60
Grain sorghums, hybrid	23.30	24.60	28.50	36.50	37.50	41.00	43.00	41.00	45.00	49.40
Forage sorghums	19.70	20.70	21.00	23.50	21.50	27.50	22.50	23.80	27.00	32.30
	Price per bushel									
	<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>	<i>Dollars</i>
Corn, hybrid	21.50	22.20	25.00	36.50	36.50	40.00	43.00	45.50	52.50	60.00
Wheat (spring)	2.63	3.20	8.40	7.70	6.50	5.20	5.10	5.40	6.60	7.22
Oats (spring)	1.69	2.08	3.05	3.65	3.40	3.70	3.10	3.20	3.95	4.42
Barley (spring)	1.99	2.35	4.10	5.50	5.10	4.60	4.10	4.20	4.90	5.95
Soybeans for seed	5.21	8.75	9.50	10.50	7.40	13.00	11.50	12.00	10.40	14.00
Flaxseed	3.79	6.35	16.50	13.00	10.50	11.00	7.00	10.00	9.80	12.90

<sup>1</sup> Season average price. <sup>2</sup> Estimates beginning 1979.

Statistical Reporting Service.

Table 418.—Field seeds: Average retail price paid by farmers for seed, Sept. 15, United States, 1972-80

Kind of seed	1972	1973	1974	1975	1976	1977	1978	1979	1980
	Price per 100 pounds								
	<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>
Alfalfa, uncertified varieties	54.80	105.00	151.00	107.00	122.00	158.00	165.00	175.00	178.00
Alfalfa, certified varieties	64.50	119.00	166.00	132.00	145.00	182.00	190.00	210.00	219.00
Red clover	55.00	80.50	112.00	100.00	100.00	110.00	121.00	116.00	111.00
Alsike clover	37.50	44.50	62.00	64.50	71.00	88.00	64.00	.....	.....
Ladino clover	136.00	165.00	225.00	250.00	210.00	220.00	220.00	235.00	260.00
Crimson clover	34.20	59.50	91.00	99.00	73.00	59.00	77.00	82.50	93.00
Timothy	28.90	55.00	60.00	43.00	49.00	75.00	97.50	94.00	91.50
Orchardgrass	42.00	57.50	66.00	59.00	58.00	62.00	69.50	88.00	92.00
Kentucky bluegrass	66.70	145.00	143.00	86.90	107.00	145.00	177.00	171.00	174.00
Tall fescue	27.50	40.00	40.00	34.00	40.00	50.00	47.50	52.50	47.50
Ryegrass, annual	15.90	39.50	41.00	28.50	31.00	28.00	28.50	29.00	28.50
Ryegrass, perennial	28.30	77.00	84.00	43.00	46.00	56.00	60.50	75.50	87.50
Hairy vetch	21.80	25.50	37.00	37.00	48.00	49.00	56.00	65.50	64.00
	Price per bushel								
	<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>
Wheat (winter)	2.97	7.20	7.50	6.10	6.00	4.40	5.90	7.40	7.40
Oats (winter)	2.27	3.90	3.95	4.75	3.75	3.60	3.25	3.95	4.60
Barley (winter)	2.88	4.60	5.30	5.45	4.95	4.30	4.70	5.40	5.70
Rye	2.78	4.90	5.90	5.90	6.00	5.20	4.90	6.20	6.60

Statistical Reporting Service.

Table 419.—Field seeds, by kinds: Area, yield, production, and value, by States, 1978-80

State	Area harvested			Yield per acre			Production (clean seed)			Price for crop of—			Value of production		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
Alfalfa seed															
	<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>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif . . . . .	64,000	80,000	78,000	280	435	520	17,920	34,800	40,560	122.00	120.00	125.00	21,862	41,760	50,700
Idaho . . . . .	43,000	42,000	36,000	350	385	395	15,050	16,170	14,220	135.00	126.00	125.00	20,318	20,374	17,775
Kans . . . . .	60,000	43,000	64,000	115	95	100	6,900	4,085	6,400	81.50	81.00	75.00	5,624	3,309	4,800
Mont . . . . .	26,000	42,000	35,000	85	140	120	2,210	5,880	4,200	100.00	85.00	90.00	2,210	4,998	3,780
Nebr . . . . .	32,000	27,000	33,000	75	65	75	2,400	1,755	2,475	95.00	82.00	79.00	2,280	1,439	1,955
Nev . . . . .	17,000	18,000	17,000	365	405	450	6,205	7,290	7,650	135.00	130.00	120.00	8,377	9,477	9,180
N. Dak . . . . .	17,000	6,000	4,000	45	45	40	765	270	160	91.00	96.50	98.00	696	261	157
Okla . . . . .	55,000	45,000	55,000	145	125	125	7,975	5,625	6,875	80.00	83.00	76.00	6,380	4,669	5,225
Oreg . . . . .	14,000	14,000	13,000	345	300	350	4,830	4,200	4,550	135.00	123.00	119.00	6,521	5,166	5,415
S. Dak . . . . .	150,000	130,000	60,000	85	55	70	12,750	7,150	4,200	99.00	89.50	78.00	12,623	6,399	3,276
Utah . . . . .	15,000	17,000	13,000	290	280	245	4,350	4,760	3,185	117.00	104.00	105.00	5,090	4,950	3,344
Wash . . . . .	34,000	33,000	21,000	305	250	365	10,370	8,250	7,665	136.00	125.00	118.00	14,103	10,313	9,045
U.S . . . . .	527,000	497,000	429,000	174	202	238	91,725	100,235	102,140	117.00	114.00	113.00	106,084	113,115	114,652
Red clover seed															
	<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>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Idaho . . . . .	4,100	5,200	4,000	310	280	345	1,271	1,456	1,380	87.50	74.50	79.50	1,112	1,085	1,097
Ill . . . . .	40,000	35,000	36,000	85	80	85	3,400	2,800	3,060	63.00	63.00	64.50	2,142	1,764	1,974
Ind . . . . .	19,000	15,000	18,000	75	65	80	1,425	975	1,440	56.00	52.00	56.00	798	507	806
Iowa . . . . .	11,000	13,000	10,000	80	90	90	880	1,170	900	64.00	58.00	63.50	563	679	572
Kans . . . . .	12,000	6,000	6,000	85	80	75	1,020	480	450	57.50	52.00	58.00	587	250	261
Ky . . . . .	3,300	3,200	5,000	75	65	75	248	208	375	69.00	71.50	71.00	171	149	266
Mich . . . . .	25,000	26,000	16,000	85	95	95	2,125	2,470	1,520	49.00	49.00	53.00	1,041	1,210	806
Minn . . . . .	38,000	30,000	30,000	110	95	100	4,180	2,850	3,000	58.00	55.00	55.50	2,424	1,568	1,665
Mo . . . . .	40,000	26,000	22,000	95	90	80	3,800	2,340	1,760	58.00	57.50	59.50	2,204	1,346	1,047
Nebr . . . . .	3,100	2,200	2,000	75	70	85	233	154	170	64.00	63.00	58.00	149	97	99
N.Y . . . . .	8,000	4,000	10,000	90	90	85	720	360	850	57.50	57.50	61.00	414	207	519
Ohio . . . . .	24,000	15,000	17,000	95	65	75	2,280	975	1,275	53.50	55.50	49.00	1,220	541	625
Oreg . . . . .	27,000	29,000	25,000	200	220	240	5,400	6,380	6,000	77.00	65.00	70.00	4,158	4,147	4,200
Pa . . . . .	12,000	8,000	10,000	75	70	70	900	560	700	65.00	59.00	59.00	585	330	413
Wash . . . . .	13,000	8,500	5,700	300	310	300	3,900	2,635	1,710	89.50	76.00	84.50	3,491	2,003	1,445
Wis . . . . .	11,000	14,000	8,000	95	70	80	1,045	980	640	61.50	59.00	59.50	643	578	381
U.S . . . . .	290,500	240,100	224,700	113	112	112	32,827	26,793	25,230	68.00	62.60	65.20	21,702	16,461	16,176



Ladino clover seeds <sup>1</sup>															
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Calif . . . . .	13,700	12,500	8,400	260	275	345	3,562	3,438	2,898	138.00	145.00	136.00	4,916	4,985	3,941
Crimson clover seed															
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg . . . . .	10,500	10,000	9,000	300	460	325	3,150	4,600	2,925	49.00	50.00	49.00	1,544	2,300	1,433
Lespedeza seed															
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ark . . . . .	2,600	2,400	1,500	390	375	310	1,014	900	465	57.50	37.00	63.00	583	333	293
Ill . . . . .	2,500	2,200	2,000	175	160	145	438	352	290	33.00	35.00	39.50	145	123	115
Ind . . . . .	2,500	2,500	2,000	200	210	200	500	525	400	33.00	20.00	32.00	165	105	128
Kans . . . . .	9,000	10,000	5,000	235	230	130	2,115	2,300	650	29.50	20.50	36.50	624	472	237
Ky . . . . .	3,100	6,800	1,700	230	210	180	713	1,428	306	55.00	53.00	55.00	392	757	168
Mo . . . . .	14,000	13,000	9,000	250	205	185	3,500	2,665	1,665	28.00	21.50	36.50	980	573	608
N.C . . . . .	2,000	2,700	1,200	180	170	145	360	459	174	79.00	50.00	60.00	284	230	104
S.C . . . . .	7,000	8,500	4,500	230	235	75	1,610	1,998	338	73.50	48.00	86.00	1,183	959	291
Tenn . . . . .	8,000	9,000	7,000	145	215	155	1,160	1,935	1,085	60.00	39.00	63.00	696	755	684
U.S . . . . .	50,700	57,100	33,900	225	220	158	11,410	12,562	5,373	45.00	34.70	49.20	5,052	4,307	2,628
Timothy seed															
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ill . . . . .	5,500	4,000	4,000	140	130	130	770	520	520	35.00	35.00	42.50	270	182	221
Minn . . . . .	49,000	56,000	42,000	235	275	115	11,515	15,400	4,830	47.00	34.00	52.50	5,412	5,236	2,536
Mo . . . . .	13,000	8,000	7,000	175	190	170	2,275	1,520	1,190	33.00	37.50	49.00	751	570	583
Ohio . . . . .	11,000	8,500	9,000	180	150	175	1,980	1,275	1,575	34.50	33.50	45.00	683	427	709
U.S . . . . .	78,500	76,500	62,000	211	245	131	16,540	18,715	8,115	43.50	34.30	50.20	7,116	6,415	4,049

See footnotes on page 278.

Table 419.—Field seeds, by kinds: Area, yield, production, and value, by States, 1978–80—Continued

State	Area harvested			Yield per acre			Production (clean seed)			Price for crop of—			Value of production		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
Orchardgrass seed															
	<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>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ky .....	1,200	1,000	1,700	175	185	150	210	185	255	34.00	42.00	41.00	71	78	105
Mo .....	4,000	3,500	4,000	200	200	195	800	700	780	29.50	39.00	32.00	236	273	250
Oreg .....	14,000	16,000	17,000	800	850	850	11,200	13,600	14,450	42.00	45.00	47.00	4,704	6,120	6,792
Va .....	2,600	2,000	5,000	230	240	260	598	480	1,300	30.50	39.00	32.00	182	187	416
U.S .....	21,800	22,500	27,700	588	665	606	12,808	14,965	16,785	40.50	44.50	45.10	5,193	6,658	7,563
Kentucky bluegrass seed—Proprietary varieties <sup>2</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>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Idaho .....	10,000	11,000	13,500	520	285	410	5,200	3,135	5,535	67.00	73.50	65.00	3,484	2,304	3,598
Oreg .....	10,500	11,500	16,500	600	530	680	6,300	6,095	11,220	68.00	92.00	72.00	4,284	5,607	8,078
Wash .....	2,700	1,900	4,200	520	335	480	1,404	637	2,016	78.50	66.00	64.00	1,102	420	1,290
Total N.W., U.S .....	23,200	24,400	34,200	556	404	549	12,904	9,867	18,771	68.70	84.40	69.10	8,870	8,331	12,966
Kentucky bluegrass seed—Public and common varieties															
	<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>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Idaho .....	16,000	16,000	17,000	650	390	475	10,400	6,240	8,075	59.00	79.00	50.00	6,136	4,930	4,038
Oreg .....	11,000	10,500	9,000	620	585	720	6,820	6,143	6,480	67.50	75.00	55.00	4,604	4,607	3,564
Wash .....	17,300	23,000	25,000	690	400	650	11,937	9,200	16,250	66.00	77.50	51.00	7,878	7,130	8,288
Total N.W., U.S .....	44,300	49,500	51,000	658	436	604	29,157	21,583	30,805	63.90	77.20	51.60	18,618	16,667	15,890
All Kentucky bluegrass seed															
	<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>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Idaho .....	26,000	27,000	30,500	600	347	446	15,600	9,375	13,610	61.70	77.20	56.10	9,620	7,234	7,636
Oreg .....	21,500	22,000	25,500	610	556	694	13,120	12,238	17,700	67.70	83.50	65.80	8,888	10,214	11,642
Wash .....	20,000	24,900	29,200	665	395	626	13,341	9,837	18,266	67.30	76.80	52.40	8,980	7,550	9,578
Total N.W., U.S .....	67,500	73,900	85,200	623	426	582	42,061	31,450	49,576	65.40	79.50	58.20	27,488	24,998	28,856
Other States <sup>3</sup> ..	11,500	16,000	13,000	253	320	35	2,905	5,120	455	65.50	80.00	64.50	1,903	4,096	293
U.S .....	79,000	89,900	98,200	569	407	509	44,966	36,570	50,031	65.40	79.60	58.30	29,391	29,094	29,149

Chewings fescue seed															
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg . . . . .	12,000	13,500	16,000	450	630	670	5,400	8,505	10,720	59.00	72.00	66.00	3,186	6,124	7,075
Red fescue seed															
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oregon . . . . .	12,500	10,000	10,000	520	520	600	6,500	5,200	6,000	57.00	74.00	70.00	3,705	3,848	4,200
Tall (Alta & Ky. 31) fescue seed															
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ark . . . . .	19,000	14,000	13,000	260	295	260	4,940	4,130	3,380	13.50	22.00	18.50	667	909	625
Ga . . . . .	14,000	11,000	10,000	210	220	215	2,940	2,420	2,150	19.00	26.50	27.50	559	641	591
Kans . . . . .	37,000	27,000	17,000	200	225	150	7,400	6,075	2,550	13.00	18.00	27.50	962	1,094	701
Ky . . . . .	42,000	17,000	20,000	270	220	190	11,340	3,740	3,800	16.50	20.50	22.00	1,871	767	836
Mo . . . . .	415,000	265,000	230,000	315	280	240	130,725	74,200	55,200	10.50	21.50	22.50	13,726	15,953	12,420
Oreg . . . . .	9,500	10,000	11,000	700	720	850	6,650	7,200	9,350	27.00	26.00	28.00	1,796	1,872	2,618
Tenn . . . . .	23,000	10,000	11,000	220	240	200	5,060	2,400	2,200	18.50	22.50	26.50	936	540	583
Total above States . . . . .	559,500	354,000	312,000	302	283	252	169,055	100,165	78,630	12.10	21.70	23.40	20,517	21,776	18,374
Bentgrass seed															
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg . . . . .	18,000	18,000	18,000	230	250	340	4,140	4,500	6,120	125.00	190.00	112.00	5,175	8,550	6,854
Hairy vetch seed															
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg . . . . .	8,000	10,000	8,000	450	500	310	3,600	5,000	2,480	32.00	38.00	35.00	1,152	1,900	868
Ryegrass seed															
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg., all . . . . .	202,000	187,000	190,000	1,312	1,318	1,456	265,100	246,400	276,700	13.90	16.60	17.30	36,860	40,893	47,810

See footnotes on page 278.

Table 420.—Seeding rates: Quantity of seed used per acre for specified crops, by states

State	Corn <sup>1</sup>	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye	Flaxseed	Sorghum	Soybeans	Dry beans	Sun-flowers <sup>2</sup>	Rice	Potatoes (Irish)	Sweet-potatoes	Peanuts <sup>3</sup>	Cotton <sup>4</sup>
	<i>Kernels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Bushels</i>	<i>Pounds</i>	<i>Seeds</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Pounds</i>	<i>Pounds</i>
Ala . . . . .	21,000	1.8			2.8				18.0	0.90				14.2	4.0	100	26
Ariz . . . . .	28,600	2.2	2.2			2.5			12.5					15.0			18
Ark . . . . .	20,000	1.8			2.8				8.3	.90			135		4.8		25
Calif . . . . .	27,000	1.9	2.0		2.9	2.0			17.0		58		155	18.4	5.0		22
Colo . . . . .	25,600	.65		1.4	2.2	1.6	0.85		6.6		34			22.0			
Conn . . . . .	24,600													20.0			
Del . . . . .	19,900	1.9				2.1	1.9		.90					15.0			
Fla . . . . .	19,900								.90					22.8		99	23
Ga . . . . .	19,300	1.7			2.9		1.9		17.5	.90					2.5	110	23
Idaho . . . . .	26,200	1.2		1.6	2.5	1.8					97			20.0			
Ill . . . . .	23,200	1.7			2.7	1.9	1.6		11.7	.95				16.0			
Ind . . . . .	22,700	1.9			2.3		1.6		15.0	.95				19.2			
Iowa . . . . .	22,600	1.6			3.1		1.6		11.2	.95				14.0			
Kans . . . . .	22,500	.95			2.1	1.3	.95		5.6	.90	40						
Ky . . . . .	20,200	1.7			2.0	1.8	1.6		15.0	1.1					7.0		
La . . . . .	19,000	1.8							11.1	.90			135	8.0			21
Maine . . . . .	23,800				2.7									21.5	6.0		
Md . . . . .	21,000	1.9			2.5	2.1	1.8			.90				14.0			
Mass . . . . .	24,300													19.0			
Mich . . . . .	20,700	2.0			2.4	2.0	1.8			.95	48			19.1			
Minn . . . . .	21,900	1.5	1.6	1.6	2.8	1.8	1.4	48		1.0	55	21,000		15.2	5.5		
Miss . . . . .	18,500	1.8							9.1	.85			115			100	22
Mo . . . . .	19,100	1.7			2.3		1.6		7.8	.90			145				29
Mont . . . . .	22,300	.95	1.1	1.0	1.8	1.3					58			18.0			
Nebr . . . . .	22,200	1.1			2.6	1.7	1.2		5.8	.95	61			17.1			
Nev . . . . .		1.6		1.8		2.2								20.0			28
N.H . . . . .	24,100														6.0		
N.J . . . . .	21,100	2.0			2.4	2.2	1.8			1.3				18.0			
N. Mex . . . . .	23,000	.70				1.9			8.0					16.0		73	27
N.Y . . . . .	23,900	2.3			2.5	2.2	2.1			1.7	76			22.7	12.0		
N.C . . . . .	20,300	1.7			2.7	2.1	1.6		13.0	.95				12.9		105	17
N. Dak . . . . .	19,600	1.1	1.5	1.3	2.0	1.5	1.2	41		1.1	56	19,800		15.0			
Ohio . . . . .	23,300	2.2			2.7	2.1	1.9			1.2				17.9			
Okla . . . . .	21,900	1.1			2.2	1.3	1.3		8.8	.85						83	21
Oreg . . . . .	25,300	1.2		1.2	2.6	1.7	1.1							19.8			
Pa . . . . .	21,700	2.2			2.7	2.2	2.0		21.5	1.5				19.0			
R.I . . . . .	24,000													22.0	5.0		
S.C . . . . .	20,700	1.7			2.8	2.1	1.8		13.0	.85						93	17
S. Dak . . . . .	16,000	1.0	1.4	1.3	2.6	1.7	1.3		49	.95		18,300		12.0	5.7		
Tenn . . . . .	18,300	1.9			2.4	2.0			15.0	.85				11.0	8.5		17
Texas . . . . .	23,000	.90			2.3	1.2	.95	25	7.4	.85		20,500	115	12.7		64	29
Utah . . . . .	30,200	1.2		1.6	2.5	2.1					13			22.0			
Vt . . . . .	24,400													18.0			

Va .....	20,940	1.8	.....	.....	2.5	2.2	1.8	.....	13.2	1.0	.....	.....	.....	12.5	8.3	105	25
Wash .....	26,900	1.1	.....	1.3	2.8	1.7	.....	.....	.....	.....	83	.....	.....	21.5	.....	.....	.....
W.Va .....	20,700	2.0	.....	.....	2.3	2.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wis .....	21,200	1.7	.....	.....	2.8	2.0	.....	.....	.....	1.2	.....	.....	.....	17.0	.....	.....	.....
Wyo .....	24,000	.90	.....	1.2	2.2	1.9	.....	.....	.....	.....	73	.....	.....	20.0	.....	.....	.....
U.S .....	21,900	1.21	1.49	1.32	2.59	1.68	1.60	45	7.15	.95	57	19,900	133	18.9	8.2	96	26

<sup>1</sup> Approximately 1,650 kernels per pound.

<sup>2</sup> Approximately 5,600 seeds per pound.

<sup>3</sup> Shelled basis (multiply by 1.33 to obtain unshelled basis).

<sup>4</sup> Fuzzy, non-delinted equivalent basis.

Statistical Reporting Service. United States average is rate of seeding weighted by final 1980 area planted, by States except for winter wheat and rye which are weighted by preliminary 1981 area planted in 1980.

Table 421.—Vegetable seeds: Imports admitted under the Federal Seed Act into the United States, 1977–80

Kind of seed	Year beginning July				Kind of seed	Year beginning July			
	1977	1978	1979 <sup>1</sup>	1980 <sup>2</sup>		1977	1978	1979 <sup>1</sup>	1980 <sup>2</sup>
	100 pounds	100 pounds	100 pounds	100 pounds		100 pounds	100 pounds	100 pounds	100 pounds
Asparagus					Kale, Chinese	1		6	
Bean					Kohlrabi	30	19	27	
Asparagus	105	85	42		Leek	27	41	32	
Garden	3,253	3,563	1,936		Lettuce <sup>3</sup>	1,229	1,742	1,767	
Lima	1				Muskmelon	294	321	540	
Runner	298	136	326		Mustard, India	5	5	16	
Beet	59	109	47		Mustard, Spinach		2	2	
Broadbean	14	12	17		Okra	227	20	3	
Broccoli	46	83	75		Onion	2,146	3,345	4,832	
Brussels sprouts	32	34	30		Onion, Welsh	5	7	5	
Burdock	11	5	13		Pak-choi	12	13	15	
Cabbage	117	322	154		Parsley <sup>3</sup>	182	277	260	
Cardoon	3	1	0		Parsnip	2	2	1	
Carrot	261	184	658		Pea, garden <sup>3</sup>	15,951	2,755	9,562	
Cauliflower	372	209	324		Pepper <sup>3</sup>	343	688	1,228	
Celeriac	2	2	2		Pumpkin <sup>3</sup>	6	4	2	
Celery <sup>3</sup>	2	8	15		Radish	284	479	316	
Chard, Swiss	10	16	3		Rhubarb				
Chicory	5	4	7		Rutabaga	3	3	2	
Chinese Cabbage	28	62	78		Salsify	130	29	58	
Chives	9	1	5		Sorrel			1	
Corn, sweet	98	356	199		Soybean <sup>3</sup>	122	4	41	
Cornsalad	1		1		Spinach	612	837	299	
Cress:					Spinach, New Zealand	104	91	112	
Garden	31	20	61		Squash	41	306	244	
Upland		5			Tomato	4,100	2,990	5,185	
Water	1	1	1		Tomato, husk	4	7		
Cucumber	692	574	763		Turnip	31	64	65	
Dandelion	1				Watermelon <sup>3</sup>	59	163	371	
Eggplant	143	247	239						
Endive	1	4	4						
Kale	19	6	4		Total	31,565	20,272	30,003	

<sup>1</sup> Includes July 1979 through May 1980.<sup>2</sup> Summaries discontinued after May 1980.<sup>3</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Agricultural Marketing Service.

Table 422.—Vegetable seeds: Area, production, and stocks held by dealers on June 30, United States, 1978-80

Kind of seed	Area harvested			Production			Stocks		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
Bean:	<i>Acres</i>	<i>Acres</i>	<i>Acres</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>
Bush green	38,896	40,015	38,047	52,963	65,248	53,813	14,245	12,212	22,960
Bush wax	3,342	2,998	3,008	4,424	4,510	4,348	2,021	1,514	1,698
Pole (green and wax)	3,576	2,923	3,333	4,522	3,714	5,285	2,340	2,223	1,705
Bush lima	5,791	5,271	3,958	11,478	10,228	8,574	3,634	3,355	5,224
Pole lima	520	318	215	959	884	523	480	579	455
Beet, garden	773	675	1,390	627	717	1,901	2,040	892	423
Broccoli	173	417	683	78	181	316	134	83	104
Cabbage	1,013	735	1,589	777	542	978	555	442	361
Carrot	3,743	792	7,772	2,731	213	5,040	1,730	1,504	720
Cauliflower	372	303	549	168	130	311	88	65	116
Celery	22	32	35	14	14	35	59	46	24
Chard, Swiss	104	57	161	107	93	216	201	132	84
Corn:									
Sweet, hybrids	9,544	10,116	9,255	15,440	17,119	16,390	10,862	10,707	10,118
Sweet, open-pollinated	174	82	129	397	172	240	593	463	356
Nonsweet	200	187	140	507	434	316	286	318	172
Cucumber	4,719	6,687	6,072	1,736	3,032	2,608	1,289	1,031	1,766
Eggplant	17	19	66	2	4	17	29	18	18
Endive	64	49	73	45	32	65	88	100	90
Kale	211	164	262	181	109	287	680	474	341
Kohlrabi	117	87	157	124	59	175	17	23	49
Leek	26	20	50	7	1	20	9	7	2
Lettuce:									
Heading	1,409	2,417	1,347	424	912	516	502	405	642
Loose-leaf	657	1,076	683	208	361	258	217	177	169
Romaine	93	476	208	33	134	82	56	48	55
Muskmelon	3,186	3,668	2,757	975	1,280	961	460	562	1,038
Watermelon	7,416	11,292	12,260	1,738	2,892	3,521	1,202	1,034	1,406
Mustard	212	304	325	257	473	339	654	391	465
Okra	445	458	556	589	898	1,182	189	178	523
Onion	3,243	3,119	3,555	807	1,114	1,261	1,183	952	1,196
Parsley	167	222	278	79	131	181	249	174	169
Parsnip	16	43	65	10	24	35	55	20	21
Peas	83,652	69,779	64,669	185,910	139,912	144,059	33,062	49,726	51,605
Pepper	1,887	2,455	2,813	192	337	437	237	157	221
Pumpkin	237	397	302	92	193	160	215	184	163
Radish	1,782	2,062	2,661	1,697	1,869	2,276	2,102	1,737	1,667
Salsify	10	10	30	1	2	26	7	10	9
Spinach	1,615	2,601	2,559	2,194	5,113	3,206	1,014	494	1,797
Squash:									
Summer	1,628	2,506	2,761	899	1,531	1,591	963	692	941
Winter	669	568	774	166	245	302	414	304	262
Tomato	3,778	3,556	3,087	405	541	539	882	880	916
Turnip	276	163	1,008	493	201	11	2,070	1,161	594
Rutabaga	49	33	26	46	55	11	197	246	172

Statistical Reporting Service. Compiled from reports of commercial vegetable seed growers and handlers.

Table 423.—Agricultural seeds: Imports admitted under the Federal Seed Act into the United States, 1977-80

Kind of Seed	Year beginning July				Kind of seed	Year beginning July			
	1977	1978	1979 <sup>1</sup>	1980 <sup>2</sup>		1977	1978	1979 <sup>1</sup>	1980 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa	777	188	59		Lovegrass, weeping			55	
Barley <sup>3</sup>	1,449	881	1,655		Meadow, foxtail	2	2	1	
Barrelclover	20		6		Millet, Japanese		70		
Bean:					Mixtures				
Adzuki					Grasses	3	1	1	
Field	3	34			Legumes	3,188	4,731	4,012	
Mung			33		Other	82	28	62	
Broadbean	96	829	4		Mustard, India <sup>3</sup>	221	241	48	
Beet:					Mustard, white <sup>3</sup>	465	116	45	
Field	6		7		Oat <sup>3</sup>	1,248	3,320	1,166	
Sugar	164	214	307		Panicgrass, green	8	17	34	
Bentgrass:					Pea, field <sup>3</sup>	615	190	216	
Colonial	17	3	23		Rape:				
Creeping	3	14			Annual <sup>3</sup>	651	497	114	
Bermudagrass		9	6		Bird	5	18		
Bluegrass:					Turnip	2	2		
Canada	3				Winter		1		
Kentucky	82	379	764		Redtop	35		6	
Rough	381	328	412		Rye <sup>3</sup>	12	7	46	
Brome, smooth	57	17	48		Ryegrass:				
Buckwheat <sup>3</sup>	418	170	802		Annual	456	256	199	
Chickpea		55	331		Perennial	845	498	103	
Clover:					Wimmera	55	22	22	
Alsike	4,693	2,308	1,946		Safflower				
Berseem					Sainfoin	16		43	
Crimson		118	1		Sorghum <sup>3</sup>	23	1,399	126	
Ladino	10				Sorghum-Sudangrass	5	0	1	
Persian		6	1		Soybean <sup>3</sup>	43	544	807	
Red	3,514	4,369	2,926		Sunflower <sup>3</sup>	104	173	417	
Rose	18	4	23		Sweetclover, yellow & white (mixed)	449	412	111	
Small hop	9				Sweetclover:				
Strawberry	26	5	10		White	75	1	16	
Subterranean	703	327	211		Yellow	8,605	6,126	5,458	
White	406	574	908		Timothy	1,440	837	1,191	
Corn, field <sup>3</sup>	10,260	6,938	7,481		Trefoil, birdsfoot	1,005	676	302	
Cowpea <sup>3</sup>	709	829	9		Triticale	37			
Crownvetch		1			Vetch, common		1		
Fescue:					Vetch, hairy <sup>3</sup>	2	2	7	
Chewingings	24	18	15		Wheat <sup>3</sup>	353	1,500	6,591	
Hard	89	1	1		Wheat, durum <sup>3</sup>	156	397	1,748	
Meadow	105	29	38		Wheatgrass:				
Red	19,375	12,091	12,742		Crested	544	521	189	
Sheep	22				Intermediate				
Tall	4	52	29		Pubescent	119	95	1	
Flax <sup>3</sup>	44	74	18		Siberian	129			
Grass:					Slender	367	41	32	
Buffel	10	2			Streambank	32			
Canary <sup>3</sup>	85	4	215		Tall	251	231	76	
Canarygrass, reed		7	11		Wildrye, Russian	197	33	159	
Carpent	407	301	262						
Dallis	79	87	123						
Guinea	3	1	1						
Harding	41		2						
Japanese Lawn									
Orchard	482	284	30						
Rhodes		13	0						
Lentil		29	7						
					Total	66,442	54,300	54,872	

<sup>1</sup>Includes July 1979 through May 1980.<sup>2</sup>Summaries discontinued after May 1980.<sup>3</sup>Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Agricultural Marketing Service.



**Table 424.—Beans, dry edible: Area, yield, production, disposition, and value, United States, 1966-80<sup>1 2</sup>**

Year	Area planted	Area harvested	Yield per harvested acre <sup>3</sup>	Production <sup>3</sup>	Used on farms where produced	Sold	Season average price per 100 pounds received by farmers <sup>4</sup>	Value of production <sup>4</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	1,521	1,486	1,343	19,964	166	19,798	7.17	143,162
1967	1,283	1,205	1,263	15,215	140	15,075	9.26	141,025
1968	1,473	1,424	1,224	17,435	165	17,270	8.18	143,697
1969	1,519	1,469	1,287	18,913	133	18,780	7.60	143,907
1970	1,503	1,409	1,235	17,399	140	17,259	9.21	160,332
1971	1,338	1,296	1,230	15,939	139	15,800	10.90	173,971
1972	1,456	1,371	1,312	17,983	152	17,831	11.00	198,335
1973	1,358.7	1,331.7	1,222	16,274	157	16,117	27.30	444,945
1974	1,587.4	1,517.8	1,339	20,330	163	20,167	19.80	402,367
1975	1,514.2	1,466.1	1,190	17,442	152	17,290	20.10	350,988
1976	1,531.8	1,489.3	1,198	17,836	149	17,687	15.50	276,876
1977	1,402.7	1,269.9	1,304	16,555	136	16,419	20.20	333,821
1978	1,503.9	1,454.4	1,302	18,935	134	18,801	17.30	327,512
1979	1,423.0	1,383.7	1,480	20,476	152	20,324	22.80	465,973
1980 <sup>5</sup>	1,896.0	1,836.0	1,422	26,100	153	25,947	26.30	687,390

<sup>1</sup> Figures include principal producing States only.

<sup>2</sup> Excludes beans grown for garden seed.

<sup>3</sup> Cleaned basis.

<sup>4</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 425.—Beans, dry edible (cleaned basis): Production, by classes; United States, 1978-80<sup>1</sup>**

Class	1978	1979	1980 <sup>2</sup>	Class	1978	1979	1980 <sup>2</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>
Pea (navy)	5,604	5,858	5,510	Black turtle soup	168	288	1,369
Great northern	1,863	1,998	2,077	Large lima	458	529	753
Small white	192	190	193	Baby lima	512	656	450
Flat small white	11	3	0	Blackeye, California	778	943	713
Pinto	5,638	6,051	9,933	Garbanzo	101	152	90
Red kidney	1,827	1,602	1,839	Other	369	573	504
Pink	687	817	1,803				
Small red	366	506	646	Total	18,935	20,476	26,100
Cranberry	361	310	220				

<sup>1</sup> Excludes beans grown for garden seed.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 426.—Beans, dry edible: Area, yield, and production, by States, 1978-80<sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>
Calif . . . . .	216.0	207.0	220.0	216.0	207.0	220.0	1,538	1,739	1,777	3,323	3,600	3,909
Colo . . . . .	175.0	175.0	205.0	160.0	165.0	200.0	1,020	1,010	1,080	1,632	1,667	2,160
Idaho . . . . .	154.0	134.0	181.0	153.0	133.0	179.0	1,630	1,850	1,860	2,494	2,460	3,329
Kans . . . . .	17.5	13.0	25.0	16.0	17.0	24.0	1,200	1,000	1,400	192	170	336
Mich . . . . .	530.0	470.0	580.0	520.0	460.0	560.0	1,150	1,400	1,330	5,980	6,440	7,448
Minn . . . . .	44.0	38.0	90.0	42.0	36.0	84.0	1,410	1,560	1,150	592	562	966
Mont . . . . .	8.4	10.0	12.0	8.4	9.7	11.0	1,500	1,800	1,600	126	175	176
Nebr . . . . .	125.0	140.0	160.0	118.0	135.0	150.0	1,650	1,600	1,720	1,947	2,160	2,580
N.Y . . . . .	45.0	42.0	53.0	42.0	40.0	51.0	1,020	1,150	1,300	428	460	663
N. Dak . . . . .	118.0	110.0	265.0	113.0	105.0	255.0	1,100	1,350	1,050	1,243	1,418	2,678
Utah . . . . .	9.0	8.0	12.0	8.0	8.0	11.0	300	400	380	24	32	42
Wash . . . . .	32.0	41.0	55.0	31.0	40.0	54.0	1,700	2,000	2,000	527	800	1,080
Wyo . . . . .	30.0	30.0	38.0	27.0	28.0	37.0	1,580	1,900	1,980	427	532	733
U.S . . . . .	1,503.9	1,423.0	1,896.0	1,454.4	1,383.7	1,836.0	1,302	1,480	1,422	18,935	20,476	26,100

<sup>1</sup> Excludes beans grown for garden seed.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 427.—Beans, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1980 (preliminary)<sup>1</sup>

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif . . . . .	3,909	43	3,866	30.70	120,006	118,686
Colo . . . . .	2,160	30	2,130	27.10	58,536	57,723
Idaho . . . . .	3,329	0	3,329	27.10	90,216	90,216
Kans . . . . .	336	0	336	27.40	9,206	9,206
Mich . . . . .	7,448	74	7,374	24.50	182,476	180,663
Minn . . . . .	966	0	966	22.50	21,735	21,735
Mont . . . . .	176	1	175	25.00	4,400	4,375
Nebr . . . . .	2,580	0	2,580	26.10	67,338	67,338
N.Y . . . . .	663	4	659	26.40	17,503	17,398
N. Dak . . . . .	2,678	0	2,678	24.70	66,147	66,147
Utah . . . . .	42	1	41	27.00	1,134	1,107
Wash . . . . .	1,080	0	1,080	27.10	29,268	29,268
Wyo . . . . .	733	0	733	26.50	19,425	19,425
U.S . . . . .	26,100	153	25,947	26.30	687,390	683,287

<sup>1</sup> Excludes beans grown for garden seed.

Statistical Reporting Service.

**Table 428.—Beans, dry edible: Season average wholesale price per 100 pounds, at selected markets, 1966-79**

Year beginning September	New York City <sup>1</sup>		F.o.b. California points				F.o.b. Idaho points: Great northern, U.S. No. 1 <sup>2</sup>	F.o.b. Colorado points: Pinto, U.S. No. 1 <sup>2</sup>
	Pea, choice	Lima, large standard	Baby lima, choice	Lima, large	Red kidney	Small white		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1966	8.03	24.37	11.11	23.33	9.48	9.43	7.47	7.47
1967	10.69	22.85	14.89	19.45	13.72	13.17	8.50	9.54
1968	10.62	18.11	7.81	14.46	23.26	11.85	8.62	7.83
1969	9.65	15.46	7.99	12.15	11.25	10.07	8.02	10.69
1970	14.00	16.07	8.86	13.51	19.63	13.83	10.35	9.24
1971	16.68	21.55	10.88	19.40	14.17	17.36	11.77	11.59
1972	12.84	31.95	17.40	29.51	28.18	18.74	16.81	10.96
1973	46.90	42.83	32.50	39.18	41.76	45.76	34.79	39.37
1974	21.77	31.96	16.00	24.64	27.85	18.08	20.93	32.45
1975	22.50	37.50	17.69	32.70	23.80	24.39	23.61	17.69
1976		45.86	20.83	37.34	21.36	21.88	17.80	14.74
1977		46.39	21.03	35.49	35.69	27.31	24.84	25.96
1978		42.53	20.39	31.48	37.83	26.15	23.32	23.29
1979		48.29	22.44	39.70	24.69	24.90	24.82	24.40

<sup>1</sup> Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.

<sup>2</sup> Prices include brokerage, cleaning, and handling charges.

Economic Research Service. Compiled from New York Producers Price Current, New York Journal of Commerce, and Bean Market News (formerly Bean Market Review).

**Table 429.—Beans, dry edible: United States exports to specified countries, 1977/78-1979/80<sup>1</sup>**

Continent and country	1977/78	1978/79	1979/80	Continent and country	1977/78	1978/79	1979/80
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Europe—Continued	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	18,890	13,517	15,796	Italy	8,901	7,602	5,087
Dominican Republic	5,416	2,376	9,463	Netherlands	21,143	20,460	16,482
French West Indies	1,682	1,594	1,456	Spain	3,595	3,407	1,858
Mexico	9,396	16,604	95,544	United Kingdom	57,207	42,888	52,585
Panama	1,955	3,424	3,562	Total	107,785	97,781	98,848
Trinidad and Tobago	1,105	931	1,331	Asia:			
Total	38,444	38,446	127,152	Israel	757	979	631
South America:				Japan	18,162	13,191	23,339
Brazil	1,971	2,244	353	Philippines	1,833	1,320	1,046
Colombia	271	4,123	5,114	Total	20,752	15,490	25,016
Venezuela	9,751	18,580	14,950	Oceania:			
Total	11,993	24,947	20,417	Australia	3,142	2,000	2,943
Europe:				Other countries	57,092	75,652	67,774
Belgium and Luxembourg	3,395	6,596	6,022	Grand total	239,208	254,316	342,150
France	8,969	12,591	10,997				
Germany, Fed. Rep. of	4,575	4,237	5,817				

<sup>1</sup> Marketing year beginning previous September.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 430.—Beans, dry edible: United States exports by class and quantity, 1968–80

Year <sup>1</sup>	Navy or pea	Great northern	Other white	Pinto	Red kidney	Other colored	Seed	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>	<i>Metric tons</i>
1968	40,363	12,468	3,905	10,379	6,662	40,010	4,924	118,711
1969	50,862	15,525	2,859	10,294	3,282	61,667	4,685	149,174
1970	82,101	24,078	5,893	22,399	7,166	82,702	8,266	232,605
1971	64,329	15,333	2,442	19,223	9,894	76,355	6,997	194,573
1972	44,545	22,083	2,161	15,184	8,708	70,157	6,399	175,237
1973	61,436	31,440	2,264	11,285	5,047	61,996	8,313	181,781
1974	56,112	19,776	5,743	30,996	3,662	43,933	5,600	165,822
1975	66,181	43,731	2,564	83,918	9,659	73,878	6,270	286,201
1976	42,737	12,480	1,437	22,217	6,518	39,154	6,782	131,325
1977	32,822	41,178	1,707	29,893	11,424	66,627	6,282	189,933
1978	81,348	39,699	3,585	32,187	10,189	65,933	6,267	239,208
1979	65,225	48,385	4,651	43,746	17,365	69,229	5,715	254,316
1980	73,276	50,380	5,002	92,249	38,190	73,792	9,261	342,150

<sup>1</sup> Marketing year beginning previous September.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 431.—Peas, wrinkled green seed: Production, by States, 1978–80

State	1978	1979	1980 <sup>1</sup>
Idaho	<i>1,000 cwt.</i> 775	<i>1,000 cwt.</i> 704	<i>1,000 cwt.</i> 570
Wash.	439	490	431
Total	1,214	1,194	1,001

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 432.—Peas, dry edible: Area, yield, production, disposition, season average price per hundredweight received by farmers, and value, United States, 1966–80<sup>1</sup>**

Year	Area planted	Area harvested	Yield per harvested acre (cleaned)	Production (cleaned)	Used on farms where produced	Sold	Price	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	184	175	1,447	2,532	45	2,487	4.55	11,516
1967	185	176	1,456	2,563	53	2,510	4.42	11,318
1968	191	181	1,507	2,727	78	2,649	4.72	12,865
1969	242.0	232.0	1,610	3,736	95	3,641	4.31	16,101
1970	279.9	256.9	1,290	3,315	47	3,268	4.17	13,805
1971	213.7	202.7	1,939	3,930	48	3,882	3.47	13,632
1972	148.0	135.1	1,557	2,103	43	2,060	5.47	11,494
1973	146.6	136.4	1,221	1,665	21	1,644	17.80	29,672
1974	220.0	213.0	1,515	3,228	38	3,190	11.40	36,917
1975	196.5	188.5	1,449	2,731	20	2,711	7.83	21,376
1976	130.0	125.0	1,720	2,150	23	2,127	11.30	24,377
1977	173.0	167.0	613	1,023	19	1,004	13.90	14,184
1978	204.0	202.0	1,783	3,601	14	3,587	8.04	28,958
1979	139.0	136.0	1,499	2,039	13	2,026	10.40	21,276
1980 <sup>2</sup>	139.0	135.0	2,433	3,285	10	3,275	9.33	30,667

<sup>1</sup> Data are for the States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas, Austrian winter peas or wrinkled seed peas.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 433.—Peas, dry edible: Area, yield, and production, by States, 1978–80<sup>1</sup>**

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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>
Idaho	83.0	53.0	64.0	82.0	51.0	63.0	1,830	1,380	2,300	1,501	704	1,449
Wash	121.0	86.0	75.0	120.0	85.0	72.0	1,750	1,570	2,550	2,100	1,335	1,836
U.S.	204.0	139.0	139.0	202.0	136.0	135.0	1,783	1,499	2,433	3,601	2,039	3,285

<sup>1</sup> Excludes both wrinkled seed peas and Austrian winter peas.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 434.—Peas, dry edible (cleaned basis): Production, by classes, United States, 1978-80<sup>1</sup>**

Class	1978	1979	1980 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Alaska and other smooth green kinds . . . . .	2,686	1,760	2,926
White Canadas, First and Best, other smooth yellow and white kinds . . . . .	915	279	359
Total . . . . .	3,601	2,039	3,285

<sup>1</sup> Excludes both wrinkled seed peas and Austrian winter peas.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 435.—Peas, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1980 (preliminary)<sup>1</sup>**

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Idaho . . . . .	1,449	1	1,448	9.00	13,041	13,032
Wash . . . . .	1,836	9	1,827	9.60	17,626	17,599
U.S. . . . .	3,285	10	3,275	9.33	30,667	30,571

<sup>1</sup> Excludes both wrinkled seed peas and Austrian winter peas.

Statistical Reporting Service.

**Table 436.—Peas, dry field: United States exports to specified countries, 1978-80<sup>1</sup>**

Continent and country	1978	1979	1980	Continent and country	1978	1979	1980
	<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:				Europe—Continued			
Canada . . . . .	2,887	5,356	6,004	Iceland . . . . .	280	551	198
Mexico . . . . .	629	302	822	Italy . . . . .	1,851	1,832	2,979
Panama . . . . .	593	340	309	Netherlands . . . . .	200	4,478	1,432
Trinidad and Tobago . . . . .	334	120	377	Norway . . . . .	435	566	522
Total . . . . .	4,443	6,118	7,512	Sweden . . . . .	728	1,034	1,675
				Switzerland . . . . .	262	23	11
South America:				United Kingdom . . . . .	4,630	13,788	6,984
Brazil . . . . .	491	7,391	4,017	Total . . . . .	9,730	23,616	15,827
Colombia . . . . .	2,300	11,322	16,628				
Peru . . . . .	8	0	0	Asia:			
Surinam . . . . .	359	811	913	Hong Kong . . . . .	376	567	158
Venezuela . . . . .	6,715	8,339	5,471	Israel . . . . .	536	810	1,254
Total . . . . .	9,871	27,863	27,029	Japan . . . . .	4,086	7,375	9,047
				Philippines . . . . .	715	832	832
Europe:				Total . . . . .	5,713	9,593	11,291
Belgium and Luxembourg . . . . .	183	0	401				
Denmark . . . . .	198	457	407	Other countries . . . . .	15,618	30,095	29,287
Germany, Fed. Rep. of . . . . .	963	887	1,218	Grand total . . . . .	45,375	97,285	90,946

<sup>1</sup> Marketing year beginning previous September.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 437.—Peas, dry field: United States exports by class and quantity, 1968-80

Year <sup>1</sup>	All peas and lentils <sup>2</sup>	Seed	Alaska and smooth green	Yellow, white peas, and lentils <sup>3</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1968	120,873	11,294	48,622	60,957
1969	142,107	14,214	62,818	65,074
1970	173,982	13,061	71,675	89,246
1971	154,442	12,534	57,603	84,306
1972	158,180	12,646	50,173	95,361
1973	164,537	14,782	63,556	86,198
1974	103,619	15,341	43,693	44,585
1975	150,238	15,061	43,538	91,638
1976	130,072	12,631	46,730	70,711
1977	124,511	8,814	48,396	67,301
1978	59,063	8,133	16,811	34,119
1979	145,611	12,138	48,761	84,712
1980	137,421	18,071	46,893	72,457

<sup>1</sup> Marketing year beginning previous September.

<sup>2</sup> Includes dry peas, seed peas, cowpeas, garbanzos, lentils, Austrian winter peas, and blackeye and Mexican beans.

<sup>3</sup> Includes cowpeas, garbanzos, Austrian winter peas, and blackeye and Mexican beans.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 438.—Hops: Area, yield, and production, by States, 1978-80

State	Area harvested			Yield per acre			Production <sup>1,2</sup>		
	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>	1978	1979	1980 <sup>3</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Calif	1.5	1.2	1.2	1,360	1,290	1,640	2,040	1,548	1,968
Idaho	2.7	2.7	2.8	1,790	1,710	1,960	4,833	4,617	5,488
Oreg	5.4	5.6	6.2	1,510	1,540	1,960	8,154	8,624	12,152
Wash	21.3	22.3	26.9	1,880	1,800	2,080	40,044	40,140	55,952
U.S	30.9	31.8	37.1	1,782	1,727	2,037	55,071	54,929	75,560

<sup>1</sup> 1980 quantities available for market will be governed by regulations issued under Federal Market order 991.

<sup>2</sup> In 1978, includes 215,000 pounds lost by fire; 1980 includes 888,000 pounds lost by fire.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 439.—Hops: Area, yield, production, farm disposition, value, and Sept. 1 stocks, United States, 1966–80**

Year	Area harvested	Yield per acre	Production <sup>1</sup>	Sales	Season average price per pound received by farmers	Value of production	Stocks Sept. 1
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1966	32.2	1,726	55,568	55,290	46.2	25,654	24,710
1967	29.8	1,661	49,498	44,948	45.9	22,701	27,480
1968	28.4	1,540	43,733	42,775	47.2	20,659	26,770
1969	27.0	1,547	41,763	41,763	51.0	21,305	27,860
1970	27.7	1,656	45,863	45,863	56.0	25,681	27,950
1971	28.9	1,718	49,663	49,663	65.9	32,743	30,120
1972	29.7	1,728	51,309	51,180	71.4	36,631	28,770
1973	31.4	1,744	54,769	54,769	75.7	41,457	30,280
1974	32.4	1,759	56,979	56,928	79.8	45,486	33,720
1975	32.1	1,742	55,913	55,737	83.0	46,419	42,170
1976	30.9	1,870	57,774	57,774	84.8	48,982	50,400
1977	30.5	1,796	54,777	54,777	89.6	49,095	50,480
1978	30.9	1,782	55,071	54,856	90.1	49,599	47,540
1979	31.8	1,727	54,929	54,929	97.6	53,614	38,290
1980 <sup>2</sup>	37.1	2,037	75,560	74,672	151.1	114,194	32,910

<sup>1</sup> Includes the following quantities not marketed because of economic conditions, fire losses, and/or provisions under terms of a marketing agreement (1,000 pounds): 278 in 1966; 4,550 in 1967; 958 in 1968; 129 in 1972; 51 in 1974; 176 in 1975; 215 in 1978; and 888 in 1980.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 440.—Hops: Production, disposition, and value, by States, crop of 1980 (preliminary)**

State	Production <sup>1,2</sup>	Sold <sup>2</sup>	Season average price per pound	Value of —	
				Production	Sales
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif	1,968	1,968	139.0	2,736	2,736
Idaho	5,488	5,488	142.0	7,793	7,793
Oreg	12,152	12,063	144.0	17,499	17,371
Wash	55,952	55,153	154.0	86,166	84,936
Total	75,560	74,672	151.1	114,194	112,836

<sup>1</sup> Quantities available for market will be governed by regulations issued under Federal Market Order 991.

<sup>2</sup> The difference between production and sold, 888,000 pounds, is quantities lost in kiln and warehouse fires.

Statistical Reporting Service.



**Table 441.—Hops: United States exports by country of destination and imports by country of origin, 1977-79**

Item and country	Year beginning September			Item and country	Year beginning September		
	1977	1978	1979		1977	1978	1979
<b>EXPORTS</b>				<b>EXPORTS—continued</b>			
Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Other countries:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Czechoslovakia . . . . .		132		Cameroon . . . . .	45	81	95
Germany, Fed. Rep. of . . . . .	16	35	1,303	Canada . . . . .	1,040	995	1,169
Ireland . . . . .	400	205	229	Japan . . . . .	380	386	327
Italy . . . . .				Nigeria . . . . .	166	28	104
United Kingdom . . . . .	105	156	162	South Africa . . . . .	60	61	41
Other countries . . . . .		36	9	Soviet Union . . . . .	1,387	2,606	906
Total . . . . .	521	564	1,703	Taiwan . . . . .	70	213	173
Latin America:				Other countries . . . . .	164	38	51
Argentina . . . . .	13	4	2	Total . . . . .	3,312	4,408	2,866
Bolivia . . . . .	66	73	16	Grand total . . . . .	6,306	7,863	7,071
Brazil . . . . .	1,870	1,937	1,794				
Chile . . . . .	30	95	19	<b>IMPORTS</b>			
Guatemala . . . . .	8	30	35	Australia . . . . .	103	102	89
Mexico . . . . .	197	453	444	Belgium and Luxembourg . . . . .	9	9	9
Peru . . . . .		43	49	Canada . . . . .	127	44	59
Uruguay . . . . .	18	15	16	Czechoslovakia . . . . .	293	36	654
Venezuela . . . . .	38	62	42	France . . . . .	163	145	236
Other countries . . . . .	140	107	22	Germany, Fed. Rep. of . . . . .	3,200	3,318	5,095
Total . . . . .	2,380	2,819	2,439	Poland . . . . .	54	417	419
Bermuda and Caribbean:				United Kingdom . . . . .	800	987	910
Dominican Republic . . . . .	39	27	36	Yugoslavia . . . . .	4	4	118
Jamaica . . . . .	34	37	23	Other countries . . . . .			
Trinidad and Tobago . . . . .	18	7		Total . . . . .	4,753	5,062	7,609
Other countries . . . . .	2	1	4				
Total . . . . .	93	72	63				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 442.—Popcorn: Area, yield, production, season average price received by farmers, and value, United States, 1966-80<sup>1</sup>**

Year	Area planted	Area harvested	Yield per acre <sup>2</sup>	Production <sup>2</sup>	Price per 100 pounds of ear corn <sup>2</sup>	Value of production
	<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>
1966 . . . . .	218.1	207.1	2,418	500,793	2.95	14,772
1967 . . . . .	182.5	161.9	2,687	434,942	3.01	13,071
1968 . . . . .	197.6	185.3	2,517	466,348	2.79	13,002
1969 . . . . .	192.0	182.6	2,996	547,115	2.54	13,870
1970 . . . . .	147.3	136.5	2,447	333,974	2.52	8,405
1971 . . . . .	178.9	173.7	3,246	563,850	3.25	18,321
1972 . . . . .	174.1	157.0	3,339	524,111	3.07	16,109
1973 . . . . .	154.3	148.8	3,303	491,418	3.75	18,436
1974 . . . . .	198.5	188.7	2,036	384,200	9.10	34,978
1975 . . . . .	232.2	224.2	2,420	542,668	9.25	50,198
1976 . . . . .	214.9	207.8	2,925	607,831	8.84	53,752
1977 . . . . .	160.8	154.8	2,788	431,610	8.78	37,880
1978 . . . . .	144.9	141.1	2,821	398,110	8.44	33,594
1979 . . . . .	187.0	179.3	2,993	536,560	9.17	49,197
1980 . . . . .	229.7	220.1	2,472	536,560	10.50	57,152

<sup>1</sup>In principal commercial producing States.<sup>2</sup>Shelled corn basis; prior to 1973, ear corn basis.

Statistical Reporting Service.

Table 443.—Popcorn: Area, yield, and production, by States, 1978–80<sup>1</sup>

States	Area planted			Area harvested			Yield per harvested acre <sup>2</sup>			Production <sup>2</sup>		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
	<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 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ill . . . . .	11.9	17.0	16.5	11.6	16.2	15.8	2,030	2,950	2,000	23,550	47,790	31,600
Ind . . . . .	45.0	51.0	50.0	44.0	50.0	48.0	3,000	2,950	2,550	132,000	147,500	122,400
Iowa . . . . .	12.0	18.0	30.0	11.5	17.0	29.0	2,450	2,550	2,100	28,180	43,350	60,900
Kans . . . . .	5.9	4.0	5.5	5.8	3.9	4.2	2,270	3,300	2,140	13,170	12,870	8,990
Ky . . . . .	9.7	11.0	21.1	9.4	10.0	20.0	1,370	2,820	1,490	12,880	28,200	29,800
Mich . . . . .	2.2	5.5	7.0	2.1	5.4	6.9	3,450	3,400	2,750	7,250	18,360	18,980
Mo . . . . .	3.1	4.4	12.0	3.0	4.3	11.0	2,300	3,250	1,570	6,900	13,980	17,270
Nebr . . . . .	39.0	58.0	68.0	38.0	55.0	66.0	3,400	3,100	2,950	129,200	170,500	194,700
Ohio . . . . .	13.0	14.1	16.7	12.6	13.9	16.5	3,050	3,200	3,250	38,430	44,480	53,625
Other States <sup>3</sup> . .	3.1	4.0	2.9	3.1	3.6	2.7	2,113	2,646	2,161	6,550	9,530	5,835
U.S . . . . .	144.9	187.0	229.7	141.1	179.3	220.1	2,821	2,993	2,472	398,110	536,560	544,100

<sup>1</sup> In principal commercial producing States.<sup>2</sup> Shelled corn basis.<sup>3</sup> Includes Alabama, Colorado, and Tennessee.

Statistical Reporting Service.

Table 444.—Popcorn: Production and value, by States, crop of 1980

State	Production	Season average price per cwt. shelled corn	Value of production <sup>1</sup>	State	Production	Season average price per cwt. shelled corn	Value of production <sup>1</sup>
	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Ill . . . . .	31,600	9.75	3,081	Mo . . . . .	17,270	9.80	1,692
Ind . . . . .	122,400	11.50	14,076	Nebr . . . . .	194,700	10.80	21,028
Iowa . . . . .	60,900	9.40	5,725	Ohio . . . . .	53,625	9.80	5,255
Kans . . . . .	8,990	9.90	890	Other States <sup>2</sup> . . . . .	5,835	11.40	633
Ky . . . . .	29,800	9.80	2,920				
Mich . . . . .	18,980	9.60	1,822	U.S . . . . .	544,100	10.50	57,152

<sup>1</sup> Practically all production sold from farm.<sup>2</sup> Alabama, Colorado, and Tennessee.

Statistical Reporting Service.

## 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 445.—All cattle and calves: Number and value, United States, Jan. 1, 1966–81**

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	108,862	133.00	14,422,853	1974	127,788	293.00	37,477,181
1967	108,783	149.00	16,211,800	1975	132,028	159.00	20,999,808
1968	109,371	148.00	16,240,574	1976	127,980	190.00	24,334,959
1969	110,015	158.00	17,389,737	1977	122,810	206.00	25,249,390
1970	112,369	179.00	20,160,430	1978	116,375	232.00	27,030,385
1971	114,578	184.00	21,112,904	1979	110,864	403.00	44,697,773
1972	117,862	208.00	24,519,645	1980	111,192	502.00	55,831,294
1973	121,539	252.00	30,583,562	1981 <sup>1</sup>	115,013	473.00	54,359,749

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 446.—All cattle and calves: Number, by classes, United States, Jan. 1, 1966–81**

Year	All cattle and calves	Cows and heifers that have calved		500 pounds and over					Under 500 pounds: steers, heifers, and bulls
				Heifers			Steers	Bulls	
		Beef cows	Milk cows	Beef cow replacements	Milk cow replacements	Other			
	<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>
1966	108,862	33,500	14,490	5,760	4,450	5,990	14,770	2,150	27,752
1967	108,783	33,770	13,725	5,900	4,215	6,100	14,780	2,155	28,138
1968	109,371	34,570	13,115	6,110	4,080	6,020	14,820	2,195	28,461
1969	110,015	35,490	12,550	6,150	3,990	5,930	14,905	2,220	28,780
1970	112,369	36,689	12,091	6,431	3,880	6,132	15,265	2,272	29,609
1971	114,578	37,878	11,909	6,664	3,843	6,113	15,610	2,328	30,235
1972	117,862	38,810	11,776	6,987	3,828	6,399	15,999	2,377	31,688
1973	121,539	40,932	11,622	7,434	3,872	6,432	16,553	2,467	32,229
1974	127,788	43,182	11,297	8,193	3,941	6,852	17,760	2,643	33,922
1975	132,028	45,712	11,220	8,884	4,087	6,518	16,333	2,985	36,291
1976	127,980	43,901	11,071	7,192	3,956	7,391	17,094	2,845	34,531
1977	122,810	41,443	10,998	6,527	3,887	8,048	16,884	2,664	32,360
1978	116,375	38,738	10,896	5,858	3,886	7,949	16,868	2,538	29,643
1979	110,864	37,062	10,790	5,527	3,932	7,445	16,442	2,403	27,263
1980	111,192	37,086	10,779	5,939	4,158	7,130	16,019	2,492	27,590
1981 <sup>1</sup>	115,013	38,987	10,869	6,189	4,353	7,333	15,605	2,556	29,123

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 447.—All cattle and calves: Number and value, by States, Jan. 1, 1979–81

State	Number			Value					
				Value per head			Total value		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	1,820	1,730	1,925	300	435	350	546,000	752,550	673,750
Alaska	8.7	8.4	8.4	390	485	510	3,393	4,074	4,284
Ariz	1,200	1,050	1,075	385	465	460	462,000	488,250	494,500
Ark	2,000	2,050	2,300	345	445	380	690,000	912,250	874,000
Calif	4,700	4,550	4,760	510	605	600	2,397,000	2,752,750	2,856,000
Colo	3,090	2,975	3,125	415	510	485	1,282,350	1,517,250	1,515,625
Conn	102	104	103	560	680	810	57,120	70,720	83,340
Del	30	30	32	460	675	745	13,800	20,250	23,840
Fla	2,180	2,300	2,480	335	435	410	730,300	1,000,500	1,016,800
Ga	1,650	1,600	1,910	305	420	370	503,250	672,000	706,700
Hawaii	215	213	220	290	410	470	62,350	87,330	103,400
Idaho	1,900	1,860	1,990	425	515	500	807,500	957,900	995,000
Ill	2,850	2,700	2,650	380	475	460	1,083,000	1,282,500	1,219,000
Ind	1,750	1,850	1,800	395	495	475	691,250	915,750	855,000
Iowa	7,200	7,150	7,450	410	505	440	2,952,000	3,610,750	3,278,000
Kans	6,200	6,200	6,450	365	455	405	2,263,000	2,821,000	2,612,250
Ky	2,600	2,700	2,600	370	485	395	962,000	1,309,500	1,027,000
La	1,350	1,300	1,360	325	465	415	438,750	604,500	564,400
Maine	133	131	131	490	630	750	65,170	82,530	98,250
Md	345	380	410	460	645	720	158,700	245,100	295,200
Mass	102	104	103	560	685	785	57,120	71,240	80,855
Mich	1,250	1,310	1,380	500	640	655	625,000	838,400	903,900
Minn	3,650	3,750	3,800	465	570	585	1,697,250	2,137,500	2,223,000
Miss	1,790	1,810	1,800	315	405	355	563,850	733,050	639,000
Mo	5,550	5,400	5,550	375	485	445	2,081,250	2,619,000	2,469,750
Mont	2,607	2,645	2,675	455	510	495	1,186,185	1,348,950	1,324,125
Nebr	6,450	6,400	6,950	410	495	450	2,644,500	3,168,000	3,127,500
Nev	575	595	640	400	460	405	230,000	273,700	259,200
N.H.	71	70	69	480	650	770	34,080	45,500	53,130
N.J.	104	100	104	545	765	850	56,680	76,500	88,400
N. Mex	1,500	1,600	1,450	345	415	400	517,500	664,000	580,000
N.Y.	1,711	1,780	1,831	600	805	815	1,026,600	1,432,900	1,492,265
N.C.	1,030	1,080	1,160	305	465	415	314,150	502,200	481,400
N. Dak	1,967	2,000	1,850	470	535	510	924,490	1,070,000	943,500
Ohio	1,750	1,825	1,815	450	580	555	787,500	1,058,500	1,007,325
Okla	5,300	5,500	5,400	355	445	385	1,881,500	2,447,500	2,079,000
Oreg	1,540	1,575	1,750	405	485	460	623,700	763,875	805,000
Pa	1,840	1,950	2,050	530	730	745	975,200	1,423,500	1,527,250
R.I.	9.5	8.0	8.0	575	695	815	5,175	5,560	6,520
S.C.	575	625	625	315	445	385	181,125	278,125	240,625
S. Dak	3,830	4,010	4,190	440	500	495	1,685,200	2,005,000	2,074,050
Tenn	2,350	2,300	2,400	340	470	405	799,000	1,081,000	972,000
Tex	13,900	13,200	13,700	345	405	365	4,795,500	5,346,000	5,000,500
Utah	820	840	875	405	505	440	332,100	424,200	385,000
Vt	329	340	339	590	760	875	194,110	258,400	296,625
Va	1,550	1,750	1,800	355	460	465	550,250	805,000	837,000
Wash	1,375	1,579	1,450	445	560	550	611,875	884,240	797,500
W. Va	535	545	570	330	440	420	176,550	239,800	239,400
Wis	4,100	4,280	4,550	580	710	780	2,378,000	3,038,800	3,549,000
Wyo	1,380	1,340	1,350	430	510	430	593,400	683,400	580,500
U.S.	110,864	111,192	115,013	403	502	473	44,697,773	55,831,294	54,359,749

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 448.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1980 and 1981

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1980	1981 <sup>1</sup>	1980	1981 <sup>1</sup>	1980	1981 <sup>1</sup>	1980	1981 <sup>1</sup>	1980	1981 <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>
Ala	847	946	72	64	138	148	14	17	48	48
Alaska	2.5	2.5	1.1	1.1	.7	.8	.5	.5	.1	.1
Ariz	258	285	72	75	45	49	13	17	27	32
Ark	1,069	1,170	81	80	184	198	27	32	35	46
Calif	869	995	878	909	209	205	337	405	164	166
Colo	853	1,009	72	71	180	169	33	31	497	516
Conn	8	7	49	48	1	1	18	19	2	2
Del	4	5	11	10	1	1	3	4	2	3
Fla	1,173	1,333	184	187	179	172	35	39	41	29
Ga	747	850	130	130	107	141	40	44	38	44
Hawaii	83	80	13	13	16	19	7	7	16	16
Idaho	642	671	148	159	97	103	84	96	134	149
Ill	699	708	235	230	89	85	100	98	337	344
Ind	515	483	200	207	65	60	85	85	165	150
Iowa	1,746	1,860	372	378	186	203	143	158	980	1,020
Kans	1,716	1,897	120	123	232	245	37	44	653	663
Ky	1,106	1,057	244	243	162	149	108	104	68	75
La	674	721	116	112	94	100	36	35	36	29
Maine	12	13	57	55	3	4	21	20	3	2
Md	70	93	125	124	15	15	42	46	12	14
Mass	10	10	45	44	3	4	16	14	1	1
Mich	140	155	400	390	25	36	193	182	39	50
Minn	560	570	860	880	105	95	390	350	245	210
Miss	901	893	99	97	146	162	31	36	27	27
Mo	2,278	2,315	262	260	277	338	102	98	224	236
Mont	1,427	1,439	28	29	275	276	11	9	111	111
Nebr	1,950	2,069	120	121	288	292	36	42	813	973
Nev	305	325	15	15	51	55	8	8	15	16
N.H	6	5	30	30	2	2	11	12	1	1
N.J	12	15	41	41	3	4	15	14	2	3
N. Mex	626	576	39	49	114	99	8	17	105	80
N.Y	85	110	912	915	27	27	356	348	36	37
N.C	412	433	133	135	88	97	41	45	31	33
N. Dak	962	910	93	93	140	120	22	22	70	76
Ohio	395	385	375	375	69	54	144	181	75	84
Okla	2,160	2,288	110	112	300	335	35	40	325	325
Oreg	681	729	94	96	131	135	37	44	79	84
Pa	198	215	712	718	46	51	266	274	51	58
R.I	1	1	4	4	0	0	1	1	0	0
S.C	284	280	50	48	49	48	16	17	13	15
S. Dak	1,530	1,642	155	155	208	232	48	45	209	231
Tenn	948	975	214	215	230	215	80	85	55	55
Tex	5,585	5,880	315	320	910	950	90	100	1,000	950
Utah	325	347	75	77	54	61	42	42	33	29
Vt	13	11	187	190	3	2	68	69	2	1
Va	710	677	170	173	89	121	88	81	54	51
Wash	379	373	199	200	65	70	68	79	104	109
W. Va	241	259	37	36	51	55	13	13	13	11
Wis	248	279	1,813	1,820	55	63	735	780	85	77
Wyo	620	635	12	12	131	122	3	3	54	51
U.S	37,086	38,987	10,779	10,869	5,939	6,189	4,158	4,353	7,130	7,333

See footnotes at end of table.

Table 448.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1980 and 1981—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Steers, heifers, and bulls under 500 pounds	
	1980	1981 <sup>1</sup>	1980	1981 <sup>1</sup>	1980	1981 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala	80	83	64	67	467	552
Alaska	.4	.6	1.2	1	1.9	1.8
Ariz	420	361	24	26	191	230
Ark	76	85	68	69	510	620
Calif	1,001	814	73	76	1,019	1,190
Colo	711	644	54	60	575	625
Conn	2	2	2	2	22	22
Del	3	3	1	1	5	5
Fla	106	81	87	82	495	557
Ga	66	99	51	61	421	541
Hawaii	25	23	7	7	46	55
Idaho	279	314	39	40	437	458
Ill	494	461	49	45	697	679
Ind	292	277	38	38	490	500
Iowa	1,618	1,683	100	104	2,005	2,044
Kans	1,731	1,666	91	97	1,620	1,715
Ky	221	200	75	70	716	702
La	42	43	42	44	260	276
Maine	2	3	2	2	31	32
Md	32	28	9	9	75	81
Mass	3	4	2	2	24	24
Mich	181	192	22	21	310	354
Minn	640	690	50	55	900	950
Miss	58	42	60	59	488	484
Mo	564	583	118	120	1,575	1,600
Mont	127	146	87	85	579	580
Nebr	1,485	1,639	108	111	1,600	1,703
Nev	34	40	17	18	150	163
N.H	3	2	1	1	16	16
N.J	6	6	2	2	19	19
N. Mex	224	209	46	43	438	377
N.Y	28	35	23	22	313	337
N.C	64	66	33	34	278	317
N. Dak	143	148	50	46	520	435
Ohio	307	254	40	37	420	445
Okla	900	750	130	135	1,540	1,415
Oreg	140	158	43	51	370	453
Pa	240	269	39	43	398	422
R.I	0	0	0	0	2	2
S.C	36	37	23	19	154	161
S. Dak	377	387	80	83	1,403	1,415
Tenn	115	145	60	60	598	650
Tex	2,010	1,870	390	410	2,900	3,220
Utah	80	77	18	20	213	222
Vt	3	2	4	3	60	61
Va	165	214	40	41	434	442
Wash	369	257	29	29	366	333
W. Va	45	45	17	18	128	133
Wis	350	370	43	45	951	1,116
Wyo	121	97	40	42	359	388
U.S.	16,019	15,605	2,492	2,556	27,590	29,123

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 449.—Cattle and buffalo: Number in specified countries, 1979–81<sup>1</sup>

Continent and country	1979	1980	1981 <sup>2</sup>	Continent and country	1979	1980	1981 <sup>2</sup>
	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>		<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>
	<i>sands</i>	<i>sands</i>	<i>sands</i>		<i>sands</i>	<i>sands</i>	<i>sands</i>
<b>North America:</b>				<b>Europe—Con.</b>			
Canada .....	12,328	12,403	12,750	Bulgaria .....	1,762	1,778	1,800
Costa Rica .....	2,069	2,165	2,263	Czechoslovakia .....	4,887	4,914	4,960
Dominican Republic .....	2,150	2,153	2,155	German Dem. Rep .....	5,572	5,596	5,720
El Salvador .....	1,294	1,289	1,169	Hungary .....	1,966	1,950	1,950
Guatemala .....	2,580	2,700	2,835	Poland .....	12,409	12,164	11,660
Honduras .....	1,983	2,218	2,388	Romania .....	6,511	6,513	6,600
Mexico .....	29,300	29,500	29,500	Yugoslavia .....	5,491	5,436	5,355
Nicaragua .....	2,737	2,401	2,336	<b>Total Eastern Europe</b>	<b>38,598</b>	<b>38,351</b>	<b>38,045</b>
Panama .....	1,437	1,525	1,563	<b>Total Europe</b> .....	<b>131,890</b>	<b>131,802</b>	<b>131,760</b>
United States <sup>3</sup> .....	110,864	111,192	115,013	<b>Soviet Union</b> .....	<b>114,086</b>	<b>115,100</b>	<b>115,500</b>
<b>Total</b> .....	<b>166,742</b>	<b>167,546</b>	<b>171,972</b>	<b>Africa:</b>			
<b>South America:</b>				South Africa .....	13,167	12,575	12,500
Argentina .....	59,975	58,739	58,520	<b>Total</b> .....	<b>13,167</b>	<b>12,575</b>	<b>12,500</b>
Brazil .....	90,000	93,000	96,000	<b>Asia:</b>			
Chile .....	3,550	3,600	3,500	India .....	242,500	241,200	241,000
Colombia .....	26,159	27,196	28,392	Israel .....	303	301	278
Ecuador .....	2,577	2,366	2,136	Japan .....	4,120	4,248	4,399
Peru .....	4,010	3,850	3,600	Korea, Rep. of .....	1,787	1,762	1,724
Uruguay .....	9,613	10,313	11,003	Philippines .....	4,653	4,645	4,633
Venezuela .....	8,709	8,322	8,388	Taiwan .....	260	275	270
<b>Total</b> .....	<b>204,593</b>	<b>207,386</b>	<b>211,539</b>	Turkey .....	15,964	16,230	16,500
<b>Europe:</b>				<b>Total</b> .....	<b>269,587</b>	<b>268,661</b>	<b>268,804</b>
Belgium-Luxembourg ..	3,085	3,111	3,084	<b>Oceania:</b>			
Denmark .....	3,052	2,944	2,880	Australia .....	27,112	26,208	25,850
France .....	23,507	23,550	23,825	New Zealand .....	8,022	8,150	8,250
Germany, Fed. Rep. of ..	15,007	15,050	15,215	<b>Total</b> .....	<b>35,134</b>	<b>34,358</b>	<b>34,100</b>
Ireland .....	6,132	6,171	5,834	<b>Total selected</b>			
Italy .....	8,724	8,808	8,785	countries .....	<b>935,199</b>	<b>937,428</b>	<b>946,175</b>
Netherlands .....	4,797	5,054	5,256				
United Kingdom .....	13,493	13,318	13,300				
Greence .....	973	930	950				
<b>Total EC</b> .....	<b>78,770</b>	<b>78,936</b>	<b>79,129</b>				
Austria .....	2,594	2,548	2,500				
Finland .....	1,644	1,644	1,640				
Norway .....	985	994	1,002				
Portugal .....	1,050	1,110	1,180				
Spain .....	4,300	4,250	4,300				
Sweden .....	1,911	1,938	1,949				
Switzerland .....	2,038	2,031	2,015				
<b>Total Western Europe</b>	<b>93,292</b>	<b>93,451</b>	<b>93,715</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.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 453

<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> Cattle and calves combined beginning 1967.

<sup>5</sup> Preliminary.

<sup>6</sup> Adjustments made for changes in inventory and for inshipments.

<sup>7</sup> Receipts from marketings and sale of farm slaughter.

<sup>8</sup> "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

<sup>9</sup> Discontinued.

Statistical Reporting Service.

Table 450.—Calf crop: Cows and heifers that have calved and calves born, by States, 1979 and 1980

State	Cows and heifers that have calved				Calves born	
	Jan. 1		July 1		1979	1980 <sup>1</sup>
	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala	985	919	929	950	850	880
Alaska	3.8	3.6			2.8	2.8
Ariz	357	330	345	375	265	300
Ark	1,123	1,150	1,123	1,140	980	1,080
Calif	1,790	1,747	1,755	1,900	1,530	1,700
Colo	915	925	855	1,000	790	950
Conn	58	57			54	53
Del	15	15			13	13
Fla	1,338	1,357	1,380	1,392	1,060	1,140
Ga	860	877	927	945	780	830
Hawaii	91	96			66	72
Idaho	725	790	735	800	710	770
Ill	983	934	986	947	870	840
Ind	684	715	670	730	640	660
Iowa	2,058	2,118	2,000	2,061	1,950	2,050
Kans	1,800	1,836	1,940	2,013	1,680	1,850
Ky	1,335	1,350	1,260	1,330	1,180	1,240
La	830	790	790	800	620	640
Maine	69	69			55	55
Md	181	195			186	190
Mass	59	55			47	45
Mich	540	540	540	565	470	475
Minn	1,380	1,420	1,400	1,445	1,290	1,385
Miss	1,053	1,000	1,010	1,035	870	880
Mo	2,560	2,540	2,550	2,550	2,430	2,420
Mont	1,480	1,455	1,580	1,570	1,490	1,520
Nebr	2,100	2,070	2,040	2,235	1,860	1,970
Nev	305	320			260	280
N.H	37	36			33	33
N.J	57	53			46	49
N. Mex	635	665	670	675	580	600
N.Y	979	997	970	1,008	920	950
N.C	520	545			470	490
N. Dak	1,058	1,055	1,109	1,098	1,040	1,060
Ohio	730	770	760	770	683	720
Okla	2,250	2,270	2,300	2,300	2,000	2,150
Oreg	725	775	755	820	636	705
Pa	874	910	877	900	760	820
R.I	6.0	5.0			4.0	4.0
S.C	305	334			270	280
S. Dak	1,640	1,685	1,793	1,865	1,650	1,790
Tenn	1,260	1,162	1,250	1,220	1,030	1,060
Tex	6,200	5,900	5,800	6,400	4,900	5,500
Utah	399	400			328	358
Vt	199	200			184	180
Va	760	880	847	988	745	830
Wash	570	578	562	620	510	550
W. Va	270	278			250	264
Wis	2,038	2,061	2,027	2,066	1,985	2,030
Wyo	662	632	640	705	580	640
34 States			45,175	47,218		
16 Other States <sup>2</sup>			2,640	2,893		
U.S.	47,852	47,865	47,815	50,111	42,603	45,354

<sup>1</sup> Preliminary.<sup>2</sup> Individual State estimates not available for July 1.

Statistical Reporting Service.



CATTLE AND CALVES

Table 451.—Cattle and calves: Number on feed, by States, by quarters, 1980 and 1981<sup>1</sup>

State	1980				1981	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ariz . . . . .	420	324	284	317	401	346
Calif . . . . .	764	552	589	614	677	526
Colo . . . . .	960	700	695	740	845	665
Idaho . . . . .	260	239	233	239	249	203
Ill . . . . .	460	470	450	410	510	490
Ind . . . . .	250	235	200	220	280	250
Iowa . . . . .	1,390	1,335	1,175	1,120	1,370	1,230
Kans . . . . .	1,270	1,125	1,140	1,200	1,100	1,100
Mich . . . . .	165	150	140	130	160	145
Minn . . . . .	390	400	365	310	370	405
Mo . . . . .	120	85	75	80	105	80
Mont . . . . .	57	49	49	39	64	39
Nebr . . . . .	1,680	1,400	1,270	1,430	1,640	1,450
N. Mex . . . . .	239	194	152	164	186	145
N. Dak . . . . .	39	42	43	32	37	38
Ohio . . . . .	180	165	125	120	160	150
Okla . . . . .	330	280	252	295	325	267
Oreg . . . . .	73	53	40	50	75	60
Pa . . . . .	79	68	47	50	78	70
S. Dak . . . . .	350	345	365	305	355	310
Tex . . . . .	1,970	1,720	1,640	1,830	1,830	1,520
Wash . . . . .	155	152	173	165	173	154
Wis . . . . .	112	120	118	105	115	125
23 States . . . . .	11,713	10,203	9,620	9,965	11,105	9,768
Ala . . . . .	27				33	
Ark . . . . .	13				20	
Fla . . . . .	60				55	
Ga . . . . .	50				48	
Hawaii . . . . .	11				10	
Ky . . . . .	30				40	
La . . . . .	11				11	
Md . . . . .	19				18	
Miss . . . . .	15				10	
Nev . . . . .	20				22	
N.J . . . . .	2				3	
N.Y . . . . .	8				13	
N.C . . . . .	30				30	
S.C . . . . .	23				23	
Tenn . . . . .	15				20	
Utah . . . . .	60				55	
Va . . . . .	50				32	
W. Va . . . . .	11				6	
Wyo . . . . .	52				40	
Other States . . . . .	3				4	
U.S . . . . .	12,223				11,598	

<sup>1</sup>Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. Data not available for all States in quarters where no figures are shown.

Statistical Reporting Service.

Table 452.—Cattle and calves: Number on feed, United States, Jan. 1, 1966–81<sup>1</sup>

Year	Number	Year	Number	Year	Number	Year	Number
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>
1966 . . . . .	10,582	1970 . . . . .	13,190	1974 . . . . .	13,643	1978 . . . . .	13,472
1967 . . . . .	11,268	1971 . . . . .	12,770	1975 . . . . .	10,170	1979 . . . . .	13,274
1968 . . . . .	11,417	1972 . . . . .	13,912	1976 . . . . .	12,941	1980 . . . . .	12,223
1969 . . . . .	12,534	1973 . . . . .	14,432	1977 . . . . .	12,580	1981 <sup>2</sup> . . . . .	11,598

<sup>1</sup>Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. For 1966–71, data shown are for 39 States—the 23 shown in table 451 plus Maryland, New York, Nevada, Utah, Wyoming, and 11 southeastern States. From 1972 to date, data are for United States.

<sup>2</sup>Preliminary.

Statistical Reporting Service.

Table 453.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1966–80

Year	Calf crop <sup>1</sup>	Death loss		Marketings <sup>2</sup>		Cattle shipped in for feeding and breeding <sup>3</sup>	Farm slaughter	
		Cattle	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>	<i>1,000 head</i>
1966 . . .	43,537	1,825	2,424	45,038	12,488	18,624	449	216
1967 . . .	43,803	1,533	2,512	44,781	12,365	18,597	<sup>4</sup> 622	
1968 . . .	44,315	1,527	2,485	45,860	12,742	19,509		568
1969 . . .	45,177	1,532	2,591	45,559	12,598	19,942		486
1970 . . .	45,871	1,583	2,714	46,926	12,036	20,059		462
1971 . . .	46,738	1,634	2,808	49,143	12,086	22,673		456
1972 . . .	47,682	1,780	3,346	51,043	12,164	24,831		503
1973 . . .	49,194	2,099	4,388	48,369	11,652	24,133		570
1974 . . .	50,873	2,006	4,104	48,383	9,514	18,103		729
1975 . . .	50,183	2,396	4,596	54,315	12,239	20,065		752
1976 . . .	47,384	1,821	3,369	55,394	12,485	21,238		720
1977 . . .	45,931	2,000	4,000	56,378	12,621	23,333		700
1978 . . .	43,818	1,940	3,860	54,737	11,938	23,695		550
1979 . . .	42,603	1,900	3,700	47,656	10,180	21,592		430
1980 <sup>5</sup> . . .	45,354	1,800	3,650	45,252	10,432	20,002		400

  

Year	Quantity produced (live weight) <sup>6</sup>	Value of production	Cash receipts from sales of cattle, beef and veal <sup>7</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>8</sup>	Cost of cattle shipped in for feeding and breeding	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>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1966 . . .	34,949,625	7,858,674	10,429,677	185,727	10,615,404	2,948,732	22.20	26.00
1967 . . .	36,122,064	8,128,910	10,549,863	175,841	10,725,704	2,882,564	22.30	26.30
1968 . . .	36,530,247	8,622,297	11,263,932	183,393	11,447,325	3,125,355	23.40	27.60
1969 . . .	37,146,953	9,871,130	12,573,321	207,307	12,780,628	3,624,109	26.20	31.60
1970 . . .	39,421,123	10,915,510	13,691,776	242,920	13,934,696	(9)	27.10	34.50
1971 . . .	39,434,379	11,631,478	14,985,864	260,669	15,246,533	.....	29.00	36.40
1972 . . .	41,225,193	14,168,979	18,236,654	342,486	18,579,140	.....	33.50	44.70
1973 . . .	41,231,445	18,138,977	22,336,212	477,818	22,814,030	.....	42.80	56.60
1974 . . .	42,760,575	14,906,532	17,843,774	505,841	18,439,615	.....	35.60	35.20
1975 . . .	40,900,606	12,804,719	17,520,176	458,250	17,978,426	.....	32.20	27.20
1976 . . .	41,398,356	13,826,938	19,293,597	501,630	19,795,227	.....	33.70	34.10
1977 . . .	40,744,829	13,977,695	20,225,347	482,340	20,707,687	.....	34.40	36.90
1978 . . .	39,971,171	19,553,169	28,248,127	565,081	28,613,208	.....	48.50	59.10
1979 . . .	38,419,977	25,993,723	34,399,556	728,436	35,127,992	.....	66.10	88.70
1980 <sup>5</sup> . . .	40,275,789	25,453,709	31,163,363	707,056	31,870,419	.....	62.40	76.80

See footnotes on page 303.

Table 454.—Cattle: Average price per 100 pounds, by grades, at Omaha, 1966–80

Year	Steers <sup>1</sup>			Heifers <sup>1</sup>			Cows <sup>2</sup>	
	Prime	Choice	Good	Prime	Choice	Good	Com-mercial	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>
1966 . . .	26.66	25.71	24.00	25.76	24.83	22.85	18.44	17.83
1967 . . .	26.10	25.29	23.74	25.40	24.62	22.80	17.22	17.22
1968 . . .	27.73	26.87	24.79	26.89	25.96	23.89	17.65	17.94
1969 . . .	30.62	29.45	27.14	29.56	28.53	26.13	19.99	20.29
1970 . . .	30.22	29.36	27.04	29.42	28.51	26.42	20.94	21.32
1971 . . .	33.38	32.39	29.38	32.54	31.46	28.52	21.21	21.62
1972 . . .	36.67	35.78	33.43	35.60	34.72	32.24	24.86	25.21
1973 . . .	45.61	44.54	42.01	44.25	43.11	40.43	32.90	32.82
1974 . . .	43.13	41.89	38.71	42.11	40.97	38.00	25.45	25.56
1975 . . .	.....	44.61	39.45	.....	43.12	37.60	21.63	21.09
1976 . . .	.....	39.11	35.87	.....	37.98	34.10	26.08	25.31
1977 . . .	.....	40.38	36.70	.....	38.96	35.20	26.11	25.32
1978 . . .	.....	52.34	47.98	.....	50.30	46.11	37.80	36.78
1979 . . .	.....	67.67	63.05	.....	65.91	61.47	50.06	50.10
1980 . . .	.....	67.05	62.16	.....	64.90	61.22	44.91	45.72

See footnotes on page 310.

Table 455.—Cattle and calves: Receipts at selected public stockyards, 1966-80<sup>1</sup>

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	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>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1966	1,378	520	236	1,067	2,019	679	790	1,204	1,279	7,301	16,473
1967	1,285	208	210	945	1,849	621	789	1,238	1,214	8,214	16,573
1968	1,148	157	195	841	1,675	563	805	1,253	1,205	8,864	16,706
1969	1,080	109	170	717	1,419	492	781	1,125	982	8,435	15,310
1970	923	61	141	600	1,322	422	709	953	934	9,490	15,555
1971	4,420	35	121	515	1,240	399	427	899	758	8,670	13,484
1972		16	122	437	1,165	360	373	916	748	9,141	13,278
1973		( <sup>5</sup> )	130	396	1,086	308	337	855	814	8,792	12,718
1974			130	434	1,230	355	347	980	943	8,580	12,999
1975			190	522	1,227	418	399	1,178	1,029	10,304	15,267
1976			123	384	1,089	424	323	1,112	946	9,538	13,939
1977			139	352	1,092	390	296	846	765	9,687	13,567
1978			108	313	829	358	252	754	707	8,271	11,592
1979			63	296	721	268	200	645	693	7,306	10,192
1980			50	207	746	258	196	603	566	7,103	9,729
Calves											
	<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>	<i>Thousands</i>
1966	3	40	112	83	76	41	18	305	163	1,294	2,135
1967	2	38	122	77	80	33	24	313	156	1,115	1,960
1968	1	47	121	78	56	31	22	256	123	858	1,593
1969		32	122	60	40	33	23	199	78	873	1,460
1970		8	110	52	34	33	26	140	39	747	1,189
1971		4	102	49	23	22	30	125	47	664	1,066
1972		3	96	61	12	15	30	126	27	571	941
1973		( <sup>5</sup> )	84	48	14	10	22	107		539	824
1974			82	39	32	16	21	105		342	637
1975			90	53	27	19	11	136		414	750
1976			81	32	24	13	8	156		419	733
1977			73	27	( <sup>6</sup> )	11	5	113		402	631
1978			54	45		9	5	85		126	324
1979			31	( <sup>7</sup> )		5	5	70		82	193
1980			44			7	5	59		67	182

<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. <sup>4</sup>Market closed Aug. 1, 1971. <sup>5</sup>Data no longer reported. <sup>6</sup>Cattle and calves combined in 1977. <sup>7</sup>Cattle and calves combined in 1979.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 456.—Cattle and calves: Number slaughtered, United States, 1966-80

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>			Federally inspected	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>	<i>Thousands</i>
1966	27,319	6,408	33,727	449	34,176	4,432	2,215	6,647	216	6,863
1967	27,780	6,089	33,869	430	34,299	4,002	1,917	5,919	192	6,111
1968	29,592	5,434	35,026	394	35,420	3,876	1,567	5,443	174	5,617
1969	30,537	4,700	35,237	338	35,575	3,637	1,226	4,863	148	5,011
1970	30,793	4,232	35,025	331	35,356	3,024	1,048	4,072	131	4,203
1971	31,419	4,166	35,585	320	35,905	2,806	883	3,689	136	3,825
1972	32,267	3,512	35,779	355	36,134	2,421	632	3,053	148	3,201
1973	30,521	3,166	33,687	415	34,102	1,808	441	2,249	155	2,404
1974	33,319	3,493	36,812	541	37,353	2,355	632	2,987	188	3,175
1975	36,904	4,008	40,911	553	41,464	3,894	1,316	5,209	197	5,406
1976	38,992	3,663	42,654	545	43,199	4,438	912	5,350	177	5,527
1977	38,717	3,139	41,856	525	42,381	4,696	821	5,517	175	5,692
1978	36,948	2,605	39,552	418	39,970	3,620	550	4,170	132	4,302
1979	31,504	2,174	33,678	327	34,005	2,499	325	2,824	103	2,927
1980	31,642	2,164	33,807	309	34,116	2,294	294	2,588	91	2,679

See footnotes on page 310.

Table 457.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1980 (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							
	<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>
Ala	335	274	10	6	540,275	317,487	243,462	11,280	254,742
Alaska	5	2	.5	1.1	845	473	324	500	824
Ariz	872	66	714	3	619,475	407,538	600,697	6,510	607,207
Ariz	481	236	5	13	674,370	376,222	268,662	22,642	291,304
Calif	2,048	224	1,073	21	1,647,180	1,055,606	1,438,667	27,979	1,466,646
Colo	2,638	222	2,235	10	1,594,560	1,062,091	1,888,341	21,898	1,910,239
Conn	22	27	2	1	26,680	15,306	15,850	1,188	17,038
Del	4	3		1	7,500	4,256	2,944	648	3,592
Fla	304	611	59	8	641,580	425,057	347,706	10,549	358,255
Ga	235	204	21	7	456,220	254,426	146,023	14,113	160,136
Hawaii	55			1	56,450	30,491	28,074	682	28,756
Idaho	752	171	390	5	754,360	482,848	562,316	7,588	569,904
Ill	1,303	152	690	8	990,080	620,163	873,947	33,985	907,932
Ind	753	84	230	5	604,265	372,322	473,102	16,546	489,648
Iowa	3,685	159	2,350	6	2,768,300	1,813,300	2,606,629	32,918	2,639,547
Kans	4,021	52	2,712	6	2,766,030	1,811,855	2,835,953	29,084	2,865,037
Ky	789	453	60	8	784,720	485,624	541,651	18,400	560,051
La	194	317	1	4	326,660	190,944	162,713	7,722	170,435
Maine	26	22	6	2	25,620	14,686	14,381	3,371	17,752
Md	71	82	12	3	110,840	66,469	49,589	7,648	57,237
Mass	15	21	1	1	18,890	10,849	10,299	1,656	11,955
Mich	368	43	121	6	393,620	226,718	237,076	11,334	248,410
Minn	1,730	141	762	14	1,466,710	827,179	1,065,500	21,147	1,086,647
Miss	435	398	35	4	497,910	282,829	286,157	9,532	295,689
Mo	1,415	661	40	10	1,651,890	1,071,627	994,755	25,381	1,020,136
Mont	868	621	116	7	995,375	618,406	640,507	8,479	648,986
Nebr	3,872	120	2,800	3	2,828,360	1,845,080	2,787,159	11,664	2,798,823
Nev	149	102	45	5	196,755	125,724	121,043	3,138	124,181
N.H	16	14	1	1	17,870	9,750	8,957	1,836	10,793
N.J	16	26	4	1	30,430	18,449	15,201	3,109	18,310
N. Mex	1,263	117	700	5	637,030	413,028	743,159	4,430	747,589
N.Y	226	537	22	9	364,390	199,802	177,364	11,738	189,102
N.C	185	165	6	6	279,040	153,082	108,314	21,481	129,795
N. Dak	760	411	50	10	812,240	518,960	592,645	12,764	605,409
Ohio	642	144	165	9	592,915	339,981	386,674	24,357	411,031
Okla	2,980	228	1,200	10	2,364,185	1,490,332	1,835,338	25,324	1,860,662
Oreg	343	210	140	34	522,055	311,559	273,262	23,504	296,766

Pa	417	274	120	24	519,920	310,500	282,551	33,368	315,919
R.I	1.8	1.6	.3	.3	1,859	1,056	233	959	1,192
S.C	126	129	14	5	163,620	98,246	100,164	5,016	105,180
S. Dak	1,634	266	475	5	1,737,540	1,162,852	1,223,744	17,160	1,240,904
Tenn	581	302	84	5	607,970	330,728	312,665	14,916	327,581
Tex	6,006	402	1,950	12	5,146,680	3,379,405	3,925,768	37,479	3,963,247
Utah	205	106	50	5	260,630	163,161	157,421	7,518	164,939
Vt	55	100	5	4	65,435	39,210	39,053	3,118	42,171
Va	422	268	13	9	558,425	316,945	298,977	9,131	308,108
Wash	454	161	64	53	491,370	311,142	346,379	45,180	391,559
W. Va	93	98	3	5	138,075	80,754	64,718	5,650	70,368
Wis	611	897	120	17	1,000,755	647,176	560,008	27,458	587,466
Wyo	775	109	325	2	511,835	342,016	467,242	3,978	471,220
U. S	45,252	10,432	20,002	400	40,275,789	25,453,709	31,163,363	707,056	31,870,419

<sup>1</sup> Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State.  
<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.  
<sup>3</sup> Adjustment made for changes in inventory and for inshipments.  
<sup>4</sup> Includes receipts from marketings and sales of farm-slaughtered meat.

<sup>5</sup> Includes cash receipts from sales of cattle, calves, and beef and veal plus value of cattle and calves slaughtered for home consumption.  
 Statistical Reporting Service.

**Table 458.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughters (live weight), 1966–80**

Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	<i>Thousands</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Dollars</i>
1966	27,319	1,031	23.34	4,432	201	25.51
1967	27,780	1,039	23.43	4,002	191	25.94
1968	29,592	1,030	24.63	3,876	195	27.40
1969	30,537	1,030	27.25	3,637	197	30.91
1970	30,793	1,049	27.79	3,024	199	33.06
1971	31,419	1,040	30.05	2,806	206	34.56
1972	32,267	1,048	33.50	2,421	210	41.67
1973	30,521	1,054	42.10	1,808	207	52.17
1974	33,319	1,052	39.37	2,355	211	37.88
1975	36,904	1,009	38.08	3,894	227	28.53
1976	38,992	1,030	36.33	4,438	223	34.43
1977	38,717	1,033	( <sup>1</sup> )	4,696	207	( <sup>1</sup> )
1978	36,948	1,043	.....	3,620	206	.....
1979	31,504	1,068	.....	2,499	210	.....
1980	31,642	1,080	.....	2,294	214	.....

<sup>1</sup> Discontinued as of January 1977.

Statistical Reporting Service.

**Table 459.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1966–80**

Year	Number					Percentage of total				
	Steers	Cows and heifers			Bulls and stags	Steers	Cows and heifers			Bulls and stags
		Cows	Heifers	Total			Cows	Heifers	Total	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1966	13,844	6,120	6,935	13,055	420	50.7	22.4	25.4	47.8	1.5
1967	14,681	5,540	7,174	12,714	385	52.8	20.0	25.8	45.8	1.4
1968	15,361	5,785	7,986	13,771	459	51.9	19.5	27.0	46.5	1.6
1969	15,754	5,998	8,286	15,284	499	51.6	19.6	27.1	46.7	1.6
1970	16,608	5,373	8,304	13,677	507	53.9	17.4	27.1	44.5	1.6
1971	17,003	5,627	8,229	13,856	560	54.1	17.9	26.2	44.1	1.8
1972	17,749	5,402	8,535	13,937	583	55.0	16.7	26.5	43.2	1.8
1973	16,604	5,659	7,645	13,304	613	54.4	18.5	25.1	43.6	2.0
1974	17,824	6,794	7,960	14,754	741	53.5	20.4	23.9	44.3	2.2
1975	16,071	10,420	9,419	19,839	994	43.6	28.2	25.5	53.7	2.7
1976	17,266	9,703	11,116	20,819	907	44.2	24.9	28.6	53.5	2.3
1977	17,892	9,128	10,866	19,994	832	46.2	23.6	28.1	51.7	2.1
1978	17,308	7,913	10,981	18,894	746	46.9	21.4	29.7	51.1	2.0
1979	16,258	5,546	9,112	14,658	586	51.6	17.6	28.9	46.5	1.9
1980	16,059	5,925	8,980	14,905	679	50.7	18.7	28.4	47.1	2.2

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 454

<sup>1</sup> 900 to 1,100 pound weight range; simple average of price range.<sup>2</sup> All weights; simple average of price range.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 456

<sup>1</sup> Totals are based on unrounded numbers.

Statistical Reporting Service.

Table 460.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1980<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>
Ala . . . . .	204.4	197,982	968	4.6	1,939	425
Ark . . . . .	357.6	366,757	1,026	1.9	345	178
Ark . . . . .	132.7	117,981	889	6.3	2,444	387
Calif . . . . .	1,972.3	2,144,434	1,087	215.8	43,883	203
Colo . . . . .	1,684.5	1,785,362	1,060	1	42	312
Del. and Md . . . . .	66.7	71,472	1,072	22.5	7,212	320
Fla . . . . .	316.7	315,364	996	98.6	30,660	311
Ga . . . . .	201.2	180,910	899	9.9	3,104	314
Hawaii . . . . .	53.1	51,367	967	2	70	428
Idaho . . . . .	809.6	888,803	1,098	4	140	361
Ill . . . . .	1,347.5	1,425,764	1,058	150.2	39,411	262
Ind . . . . .	360.3	366,294	1,017	60.6	20,793	343
Iowa . . . . .	2,999.0	3,285,340	1,095	9	227	260
Kans . . . . .	2,968.1	3,216,045	1,084	3	110	322
Ky . . . . .	194.3	188,524	971	7	203	298
La . . . . .	138.7	120,406	868	100.1	45,836	458
Mich . . . . .	464.9	545,401	1,173	76.5	19,479	255
Minn . . . . .	929.7	1,027,131	1,105	5.7	1,147	202
Miss . . . . .	206.2	185,252	899	17.6	9,774	554
Mo . . . . .	700.4	741,950	1,059	8.9	3,419	383
Mont . . . . .	156.2	172,663	1,105	3	99	355
Nebr . . . . .	5,611.6	6,188,567	1,103	3	90	345
Nev . . . . .	5.9	6,168	1,040			
N. Eng. <sup>2</sup> . . . . .	96.9	107,857	1,113	156.6	18,738	120
N.J . . . . .	123.7	159,585	1,291	95.2	31,492	331
N. Mex . . . . .	429.1	428,095	998			
N.Y . . . . .	241.5	275,170	1,139	578.1	87,118	151
N.C . . . . .	86.4	84,286	975	2.2	705	317
N. Dak . . . . .	134.5	141,435	1,051	4	169	456
Ohio . . . . .	605.5	649,330	1,072	4.7	884	186
Okla . . . . .	461.3	462,252	1,002	8.0	3,871	487
Oreg . . . . .	136.5	151,585	1,111	6.3	2,708	432
Pa . . . . .	715.5	813,313	1,137	253.9	38,746	153
S.C . . . . .	88.4	84,781	959	43.4	18,626	429
S. Dak . . . . .	565.9	610,890	1,080	3	82	325
Tenn . . . . .	263.3	244,685	929	22.2	4,460	201
Tex . . . . .	5,793.1	5,922,256	1,022	195.8	97,274	497
Utah . . . . .	191.9	209,880	1,093	2	56	338
Va . . . . .	105.9	107,860	1,019	16.5	6,155	374
Wash . . . . .	687.0	774,510	1,127	32.3	4,399	136
W. Va . . . . .	36.5	35,602	976	5	158	317
Wis . . . . .	1,147.7	1,360,405	1,185	389.3	87,395	225
Wyo . . . . .	14.5	15,485	1,071	1	17	225
U.S . . . . .	33,806.7	36,229,096	1,072	2,588.1	633,499	245

<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>Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

**Table 461.—Beef, dressed (carlots): Average wholesale price per 100 pounds, by grade and weight, 1966–80<sup>1</sup>**

Year	Steer beef		Heifer beef		Cow beef, all weights	
	Choice 700-800 lb.	Good 600-700 lb.	Choice 500-600 lb.	Good 500-600 lb.	Utility Breaking	Canner and Cutter
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1966	40.28	38.90	39.38	37.80	33.48	35.44
1967	41.01	39.26	40.16	38.36	32.82	35.94
1968	43.84	41.35	42.76	40.56	34.68	37.30
1969	47.75	44.92	46.62	44.09	38.71	41.58
1970	46.82	44.74	46.26	43.89	39.86	44.72
1971	52.39	48.60	51.72	47.97	41.01	45.63
1972	55.34	52.90	54.56	51.94	45.97	51.41
1973	67.41	64.58	66.44	63.17	58.98	65.78
1974	67.09	62.56	66.51	61.93	46.73	53.48
1975	73.64	67.88	71.62	65.87	43.20	43.09
1976	60.96	58.24	59.75	56.81	49.36	52.00
1977 <sup>2</sup>	62.66	58.21	60.94	56.20	45.51	51.55
1978	80.80	76.06	78.58	73.00	65.37	74.61
1979	101.72	97.32	100.00	95.49	85.64	100.48
1980	104.39	100.66	101.86	97.96	79.86	92.45

<sup>1</sup> Chicago prices through 1975, with 1975 reflecting only a Jan.-Sept. average. Midwest prices start with 1976.

<sup>2</sup> Midwest prices; Chicago now included in Midwest Report.

Agricultural Marketing Service.

**Table 462.—Hogs and pigs: Number and value, United States, Dec. 1, 1967–80**

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1967	58,818	28.30	1,662,793	1975	49,267	80.40	3,959,360
1968	60,829	30.50	1,857,226	1976	54,934	47.00	2,582,568
1969	57,046	39.00	2,224,643	1977	56,539	63.20	3,575,279
1970	67,285	23.50	1,583,712	1978	60,356	83.20	5,023,454
1971	62,412	28.50	1,779,619	1979	67,353	56.10	3,774,920
1972	59,017	42.00	2,477,260	1980 <sup>1</sup>	64,520	74.70	4,822,265
1973	60,614	60.40	3,663,168				
1974	54,693	44.90	2,457,052				

<sup>1</sup> Preliminary.

Statistical Reporting Service.



Table 463.—Hogs and pigs: Number and value, by States, Dec. 1, 1978-80

State	Number			Value					
				Value per head			Total value		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Ala	700	880	800	70.50	41.50	61.50	49,350	36,520	49,200
Alaska	1.10	1.10	1.80	134.00	124.50	141.00	147	137	254
Ariz	144	149	180	71.50	59.50	66.00	10,296	8,866	11,880
Ark	550	600	720	68.50	51.00	65.50	37,675	30,600	47,160
Calif	190	180	180	79.00	70.50	80.50	15,010	12,690	14,490
Colo	330	430	310	72.50	55.00	72.00	23,925	23,650	22,320
Conn	9.0	11	12	84.50	63.50	73.50	761	699	882
Del	50	50	65	81.50	51.50	74.50	4,075	2,575	4,843
Fla	360	425	370	76.00	54.00	57.50	27,360	22,950	21,275
Ga	1,800	2,360	2,300	74.00	46.00	66.50	133,200	108,560	152,950
Hawaii	54	53	57	89.00	102.00	114.00	4,806	5,406	6,498
Idaho	95	135	175	73.00	54.50	65.00	6,935	7,358	11,375
Ill	6,550	6,950	6,600	84.50	58.00	74.50	553,475	403,100	491,700
Ind	4,250	4,850	4,600	80.00	54.50	78.00	340,000	264,325	358,800
Iowa	15,100	16,200	16,100	89.50	60.50	83.00	1,351,450	980,100	1,336,300
Kans	2,000	2,090	1,900	80.00	51.00	65.00	160,000	106,590	123,500
Ky	1,190	1,470	1,220	75.00	52.00	73.50	89,250	76,440	89,670
La	120	140	160	69.50	51.00	59.50	8,340	7,140	9,520
Maine	9.0	13	20	86.50	61.50	74.50	779	800	1,490
Md	215	235	220	80.00	50.50	76.00	17,200	11,868	16,720
Mass	60	60	49	76.50	55.50	74.50	4,590	3,330	3,651
Mich	925	1,040	830	84.50	59.00	79.50	78,163	61,360	65,985
Minn	4,100	4,900	5,100	90.50	59.00	77.50	371,050	289,100	395,250
Miss	380	405	410	73.00	47.50	69.50	27,930	19,238	28,495
Mo	4,100	4,650	3,980	85.50	56.00	74.00	350,550	260,400	294,520
Mont	222	209	250	72.00	53.50	63.50	15,984	11,182	15,875
Nebr	3,650	4,150	3,900	88.50	60.50	79.00	323,025	251,075	308,100
Nev	10	11	12	71.50	60.00	66.50	715	660	798
N.H.	9.9	9.9	9.9	83.00	58.50	77.00	822	579	762
N.J.	67	69	68	82.50	61.00	77.50	5,528	4,209	5,270
N. Mex	50	87	74	66.50	56.50	62.00	3,325	4,916	4,588
N.Y.	140	139	175	77.00	50.50	64.50	10,780	7,020	11,288
N.C.	2,350	2,650	2,460	74.00	45.50	62.50	173,900	120,575	153,750
N. Dak	335	370	265	82.50	55.50	65.50	27,638	20,535	17,358
Ohio	2,160	2,120	2,150	77.50	56.50	66.50	167,400	119,780	142,975
Okla	315	370	350	70.00	49.50	57.50	22,050	18,315	20,125
Oreg	110	120	130	72.00	60.00	71.50	7,920	7,200	9,295
Pa	820	870	980	79.00	58.00	65.00	64,780	50,460	63,700
R.I.	9.9	9.9	7.3	80.50	59.00	72.00	797	584	526
S.C.	525	650	700	74.00	45.50	62.50	38,850	29,575	43,750
S. Dak	1,620	2,000	1,860	88.50	57.50	72.50	143,370	115,000	134,850
Tenn	1,300	1,400	1,140	71.50	50.00	68.00	92,950	70,000	77,520
Tex	850	910	930	71.00	46.50	66.00	60,350	42,315	61,380
Utah	49	55	58	69.00	46.50	63.00	3,381	2,558	3,654
Vt	6.3	8.5	8.0	86.00	63.00	86.00	542	536	688
Va	670	850	750	72.50	54.00	71.50	48,575	48,900	53,625
Wash	75	100	100	82.00	62.50	71.50	6,150	6,250	7,150
W. Va	50	56	73	77.50	57.00	71.50	3,875	3,192	5,220
Wis	1,650	1,830	1,680	80.00	53.00	71.00	132,000	96,990	119,280
Wyo	30	32	30	81.00	53.50	67.00	2,430	1,712	2,010
U.S.	60,356	67,353	64,520	83.20	56.10	74.70	5,023,454	3,774,920	4,822,265

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 464.—Sows farrowing and pig crop: Number, United States, 1966–80

Year	Sows farrowing		Pig crop			Year	Sows farrowing		Pig crop		
	Dec.–May	June–Nov.	Dec.–May	June–Nov.	Total		Dec.–May	June–Nov.	Dec.–May	June–Nov.	Total
	<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>
1966 . . . . .	6,208	5,810	45,471	42,133	87,604	1974 . . . .	6,315	5,476	44,792	38,952	83,744
1967 . . . . .	6,559	5,901	48,117	43,551	91,668	1975 . . . .	4,973	4,952	35,530	35,656	71,186
1968 . . . . .	6,659	6,130	49,077	45,079	94,156	1976 . . . .	5,777	5,849	42,177	42,218	84,395
1969 . . . . .	6,323	5,745	46,521	42,155	88,676	1977 . . . .	6,050	6,009	42,960	43,202	86,162
1970 . . . . .	7,107	6,876	52,126	49,588	101,714	1978 . . . .	6,034	6,398	42,481	46,031	88,512
1971 . . . . .	7,237	6,339	51,918	46,006	97,924	1979 . . . .	7,179	7,306	50,571	52,120	102,691
1972 . . . . .	6,498	5,973	47,523	43,051	90,574	1980 <sup>1</sup> . . . .	7,231	6,831	52,302	49,260	101,562
1973 . . . . .	6,438	5,869	46,125	41,998	88,123						

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 465.—Hogs and pigs: Number for breeding and market, United States, 1966–80

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 to 219 pounds	220 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>	<i>Thousands</i>
1966 . . . . .	56,197	8,752	25,328	10,822	6,718	3,385	1,132	47,445
1967 . . . . .	59,366	8,988	26,025	11,891	7,371	3,802	1,289	50,378
1968 . . . . .	60,531	9,252	26,012	11,885	7,779	4,167	1,436	51,279
1969 . . . . .	58,727	9,205	24,021	12,009	7,769	4,346	1,377	49,522
1970 . . . . .	64,639	10,630	27,294	12,865	8,050	4,376	1,424	54,009
1971 . . . . .	65,718	9,748	26,489	13,228	8,765	5,257	1,631	55,970
1972 . . . . .	60,626	9,147	24,616	12,663	8,018	4,757	1,425	51,479
1973 . . . . .	59,571	8,988	24,332	12,044	8,136	4,782	1,289	50,583
1974 . . . . .	58,878	8,823	23,654	12,059	7,737	4,920	1,685	50,005
1975 . . . . .	47,860	7,358	18,396	9,914	6,851	4,271	1,070	40,502
1976 . . . . .	53,930	8,388	21,798	11,160	7,205	4,365	1,014	45,542
1977 . . . . .	54,460	8,688	21,558	10,892	7,679	4,592	1,051	45,772
1978 <sup>1</sup> . . . . .	55,240	8,857	20,934	11,309	8,013	5,016	1,111	46,383
1979 . . . . .	65,020	10,368	25,223	13,186	9,197	7,046	1,611	54,652
1980 <sup>2</sup> . . . . .	65,255	9,481	25,002	13,550	9,781	7,441		55,774
Dec. 1								
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1966 . . . . .	57,125	8,862	17,317	12,827	9,955	6,094	2,070	48,263
1967 . . . . .	58,818	9,186	18,019	13,413	9,857	6,238	2,105	49,632
1968 . . . . .	60,829	9,472	18,492	13,926	10,563	6,300	2,076	51,357
1969 . . . . .	57,046	9,189	17,522	13,004	9,666	5,775	1,890	47,857
1970 . . . . .	67,285	9,645	21,288	15,612	11,424	6,925	2,391	57,640
1971 . . . . .	62,412	8,475	19,912	14,359	10,835	6,626	2,205	53,937
1972 . . . . .	59,017	8,650	19,303	13,395	10,187	5,783	1,699	50,367
1973 . . . . .	60,614	8,605	20,142	13,715	10,223	6,103	1,826	52,009
1974 . . . . .	54,693	7,389	17,732	12,495	9,685	5,740	1,652	47,304
1975 . . . . .	49,267	7,574	16,255	11,047	8,049	4,837	1,505	41,693
1976 . . . . .	54,934	8,011	18,714	12,307	8,932	5,292	1,678	46,923
1977 . . . . .	56,539	8,604	19,424	12,399	9,111	5,495	1,507	47,936
1978 <sup>1</sup> . . . . .	60,356	9,605	21,244	13,086	9,443	6,979		50,761
1979 . . . . .	67,353	9,655	22,845	15,437	11,284	8,133		57,699
1980 <sup>2</sup> . . . . .	64,520	9,149	22,140	13,984	11,001	8,246		55,371

<sup>1</sup> The 180–219 pounds and 220 pounds and over market hog weight groups combined into the 180 pounds and over weight group starting Dec. 1, 1978.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 466. — Hogs: Number in specified countries, 1979-81<sup>1</sup>

Continent and country	1979	1980	1981 <sup>2</sup>	Continent and country	1979	1980	1981 <sup>2</sup>
	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>		<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>
	<i>sands</i>	<i>sands</i>	<i>sands</i>		<i>sands</i>	<i>sands</i>	<i>sands</i>
North America:				Europe — Con.			
Canada .....	8,009	9,096	9,376	Bulgaria .....	3,772	3,800	3,800
Costa Rica .....	226	232	249	Czechoslovakia .....	7,601	7,588	7,500
Dominican Republic .....	600	250	50	German Dem. Rep. ....	11,734	11,132	12,870
El Salvador .....	445	450	450	Hungary .....	8,013	8,370	8,200
Guatemala .....	1,125	1,133	1,140	Poland .....	21,108	20,983	19,022
Honduras .....	548	572	580	Romania .....	10,337	10,899	10,800
Mexico .....	12,720	12,750	12,400	Yugoslavia .....	7,747	7,502	7,750
Nicaragua .....	725	500	525	Total Eastern Europe .....	70,312	70,274	69,942
Panama .....	190	195	202	Total Europe .....	171,822	172,627	173,174
United States <sup>3</sup> .....	60,956	67,353	64,520	Soviet Union .....	73,484	73,898	73,500
Total .....	84,944	92,531	89,492	Africa:			
South America:				South Africa .....	1,352	1,317	1,325
Argentina .....	3,900	3,500	3,500	Total .....	1,352	1,317	1,325
Brazil .....	36,000	36,800	38,000	Asia:			
Chile .....	1,050	1,250	1,425	India .....	9,900	9,800	9,800
Colombia .....	1,970	2,030	2,112	Japan .....	9,491	9,998	9,464
Ecuador .....	3,427	3,693	3,974	Korea, Rep. of .....	1,791	2,843	2,200
Peru .....	1,850	2,050	2,050	Philippines .....	7,227	7,590	7,830
Uruguay .....	400	450	450	Taiwan .....	3,400	3,500	3,550
Zuzuela .....	2,168	2,211	2,351	Total .....	31,737	33,731	32,844
Total .....	50,765	51,984	53,862	Oceania:			
Europe:				Australia .....	2,301	2,519	2,500
Belgium-Luxembourg ..	5,083	5,067	4,982	New Zealand .....	443	445	450
Denmark .....	9,220	9,527	9,696	Total .....	2,744	2,964	2,950
France .....	11,288	11,100	10,940	Total selected countries .....	416,848	429,052	427,147
Germany, Fed. Rep. of ..	22,641	22,374	22,494				
Greece .....	975	1,043	1,100				
Ireland .....	1,149	1,120	1,100				
Italy .....	8,922	8,807	9,157				
Netherlands .....	9,367	9,746	10,000				
United Kingdom .....	7,965	7,794	7,800				
Total EC .....	76,610	76,578	77,269				
Austria .....	4,007	4,004	3,700				
Finland .....	1,179	1,179	1,150				
Norway .....	662	664	703				
Portugal .....	3,300	3,500	3,700				
Spain .....	11,000	11,500	11,650				
Sweden .....	2,690	2,724	2,760				
Switzerland .....	2,062	2,204	2,300				
Total Western Europe .....	101,510	102,353	103,232				

<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.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 467.—Sows farrowing and pig crop: Number, by States, 1979 and 1980

State	Sows farrowing				Pig crop					
	1979		1980		1979			1980		
	Dec.- May	June- Nov.	Dec.- May	June- Nov. <sup>1</sup>	Dec.- May	June- Nov.	Total	Dec.- May	June- Nov. <sup>1</sup>	Total <sup>1</sup>
	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>	<i>sands</i>
Ala	111	100	101	98	755	700	1,455	707	715	1,422
Alaska	12	14	17	21	90	100	190	120	140	260
Ariz	16	15	19	20	125	117	242	137	144	281
Ark	65	80	73	95	468	576	1,044	540	694	1,234
Calif	21	20	25	20	149	150	299	175	144	319
Colo	43	52	55	34	323	364	687	418	238	656
Conn	1.3	1.5	2.0	2.2	7.8	9.8	17.6	14.0	14.3	28.3
Del	6.5	5.0	5.5	5.5	47	35	82	39	39	78
Fla	51	51	56	41	357	342	699	409	267	676
Ga	230	223	235	209	1,599	1,575	3,174	1,680	1,416	3,096
Hawaii	5.4	5.5	5.6	5.5	34	37	71	39	37	76
Idaho	9.0	12	14.0	14	72	84	156	101	112	213
Ill	805	785	780	725	5,420	5,374	10,794	5,460	5,002	10,462
Ind	475	475	445	440	3,316	3,373	6,689	3,194	3,230	6,424
Iowa	1,670	1,620	1,660	1,595	11,672	11,541	23,213	12,026	11,613	23,639
Kans	229	222	221	197	1,604	1,648	3,252	1,646	1,426	3,072
Ky	158	175	155	146	1,034	1,234	2,268	1,071	1,011	2,082
La	13	15	14	18	87	105	192	90	117	207
Maine	1.4	1.2	2.3	2.3	9.9	7.6	17.5	15.2	16.1	31.3
Md	21	27	25	23	149	186	335	183	175	358
Mass	6.0	6.5	4.0	6.0	39	42	81	30	35	65
Mich	104	115	112	95	728	794	1,522	773	646	1,419
Minn	540	560	615	580	3,905	4,101	8,006	4,612	4,324	8,936
Miss	40	39	42	42	284	281	565	298	281	579
Mo	540	585	505	480	3,861	4,198	8,059	3,715	3,360	7,147
Mont	21	21	26	25	155	153	308	185	185	370
Nebr	470	455	450	405	3,419	3,300	6,719	3,310	2,980	6,290
Nev	1.3	1.2	1.3	1.2	9.8	8.4	18.2	9.1	9.0	18.1
N.H	1.2	1.5	1.0	1.1	9.2	11.8	21.0	7.7	7.7	15.4
N.J	4.4	3.2	3.4	3.4	28	20	48	20	22	42
N. Mex	9.0	12.0	6.0	9.0	58	74	132	42	68	110
N.Y	12	15	13	15	88	113	201	100	120	220
N.C	274	290	295	262	1,968	2,077	4,045	2,131	1,926	4,057
N. Dak	35	38	34	28	256	281	537	245	210	455
Ohio	219	245	210	218	1,580	1,789	3,369	1,533	1,646	3,179
Okla	32	39	38	36	211	285	496	277	270	547
Oreg	10.7	13	12.5	16	85	101	186	106	134	240
Pa	80	73	87	85	600	533	1,133	653	629	1,282
R.I	.6	.9	.5	.8	4.5	6.8	11.3	3.0	5.4	8.4
S.C	60	69	69	72	390	449	839	449	511	960
S. Dak	227	224	216	196	1,664	1,624	3,288	1,607	1,426	3,033
Tenn	165	180	160	145	1,172	1,278	2,450	1,088	1,015	2,103
Tex	100	98	91	97	666	684	1,350	640	690	1,330
Utah	4.0	6.5	5.0	8.0	27	44	71	35	41	76
Vt	.9	1.0	2.5	2.7	7.0	7.5	14.5	18.3	17.6	35.9
Va	70	89	92	85	504	588	1,092	644	587	1,231
Wash	9.0	11	16.0	11	66	88	154	117	88	205
W. Va	5.7	5.8	9.0	6.8	40	40	80	61	52	113
Wis	203	220	218	205	1,499	1,668	3,167	1,625	1,543	3,168
Wyo	2.5	3.1	3.3	2.9	18	21	39	22	19	41
U.S.	7,179	7,306	7,231	6,831	50,571	52,120	102,691	52,302	49,260	101,634

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 468.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1966-80**

Year	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>	Cost of hogs shipped in for feeding and breeding	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1966 <sup>7</sup>	75,761	2,489	1,375	19,148,989	4,491,765	4,169,060	145,451	4,314,511	46,424	23.50
1967	85,256	2,855	1,301	20,636,444	3,940,225	3,809,203	112,051	3,921,254	43,327	19.10
1968	87,726	3,181	1,262	21,034,221	3,897,369	3,777,013	104,746	3,881,759	50,876	18.50
1969	88,074	3,092	1,134	20,600,325	4,561,454	4,586,965	113,315	4,700,280	55,878	22.20
1970	86,919	3,211	1,235	21,822,826	4,954,546	4,619,946	130,898	4,750,844	( <sup>8</sup> )	22.70
1971	98,644	3,639	1,210	22,832,335	3,990,854	4,045,843	98,553	4,144,396		17.50
1972	89,555	3,360	1,158	20,918,802	5,245,034	5,246,914	141,040	5,387,954		25.10
1973	82,419	3,902	1,095	20,154,425	7,738,196	7,529,002	207,729	7,736,731		38.40
1974	85,504	3,979	1,321	19,976,384	6,838,022	6,946,761	219,400	7,166,161		34.20
1975	73,627	3,805	1,193	16,835,178	7,755,699	7,916,425	267,158	8,183,583		46.10
1976	75,747	4,191	1,181	18,160,337	7,856,375	7,487,876	268,802	7,756,478		43.30
1977	80,939	4,258	1,144	19,020,900	7,484,651	7,281,364	262,047	7,543,411		39.40
1978	81,271	4,714	1,086	19,466,200	9,065,998	8,753,229	285,238	9,038,467		46.60
1979	92,327	4,968	1,070	22,595,365	9,415,569	9,026,724	255,139	9,281,863		41.80
1980 <sup>9</sup>	100,452	4,628	1,100	23,425,597	8,873,816	8,919,874	222,037	9,141,911		38.00

<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 insipments. <sup>4</sup> Includes allowance for higher average price of State insipments 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 slaughter for home consumption. <sup>7</sup> Data for 12-month period—December of previous year through November of current year. <sup>8</sup> Discontinued. <sup>9</sup> Preliminary.

Statistical Reporting Service.

**Table 469.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1966-80<sup>1</sup>**

Year	Receipts at selected public stockyards										Direct receipts in interior Iowa and Southern Minnesota <sup>4</sup>	
	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting		Total markets reporting <sup>2,3</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1966	1,443	351	212	1,021	2,421	2,007	1,591	2,430	1,754	10,426	23,656	18,458
1967	1,434	324	284	1,263	2,673	1,916	1,635	2,757	1,860	10,131	24,277	20,437
1968	1,190	369	289	1,360	2,327	1,823	1,636	2,855	1,950	10,172	24,071	20,932
1969	965	370	361	1,332	1,798	1,644	1,756	2,734	1,879	9,615	22,454	20,192
1970	298	217	302	1,262	1,857	1,570	1,839	2,223	1,923	8,526	20,017	21,211
1971	( <sup>5</sup> )	429	180	1,244	1,876	1,649	1,917	2,448	2,055	9,777	21,575	22,725
1972		355	74	1,087	1,514	1,452	1,747	2,056	1,832	8,181	18,298	20,506
1973		( <sup>5</sup> )	65	735	1,337	1,325	1,641	2,357	1,772	7,792	17,024	18,852
1974			80	897	1,478	1,530	1,790	2,676	2,365	8,255	19,071	19,979
1975			84	559	1,162	1,226	1,420	2,140	1,880	6,630	15,101	16,226
1976			77	497	1,102	1,327	1,547	2,423	1,975	7,064	16,012	18,190
1977			94	491	1,055	1,458	1,586	2,291	2,003	6,732	15,710	19,781
1978			72	445	1,039	1,479	949	1,603	1,543	5,628	12,758	20,194
1979			54	453	1,177	1,546	1,051	1,866	1,838	6,367	14,352	22,980
1980			72	415	1,101	1,525	994	1,728	1,677	5,993	13,505	24,686

<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 41 to 68.

<sup>4</sup> Covers receipts at 14 packing plants and 30 concentration yards.

<sup>5</sup> Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 470.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1980<sup>1</sup> (preliminary)

State	Marketings <sup>2</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>3</sup>	Quantity produced (live weight) <sup>4</sup>	Value of production <sup>5</sup>	Cash receipts from sales of hogs, pork, and lard <sup>6</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>7</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
Ala	1,367	40	35	338,110	125,749	125,385	5,548	130,933
Alaska	1.1	2	.8	338,390	299	221	11	232
Ark	241	13	1	59,735	24,400	22,448	272	22,720
Calif	1,015	22	28	226,702	86,546	78,975	3,377	82,352
Colo	316	39	20	72,562	29,410	28,412	2,552	30,964
Conn	727	6	10	151,155	58,437	61,197	3,592	64,789
Del	25.2	0	1.3	5,951	2,205	2,006	254	2,260
Fla	59	6	2	13,556	5,459	4,358	341	4,699
Ga	684	6	6	138,520	51,317	53,076	1,492	54,568
Hawaii	2,811	62	82	648,754	233,768	224,659	9,736	234,395
Idaho	63	0	3	12,268	8,563	7,457	584	8,041
Ill	156	2	4	42,700	15,391	11,997	1,607	13,604
Ind	10,655	510	17	2,641,425	1,011,175	1,035,502	7,069	1,042,571
Iowa	6,874	549	16	1,636,827	618,403	644,749	4,648	649,397
Kans	23,409	1,740	50	5,722,089	2,149,597	2,196,559	25,080	2,221,639
Ky	3,300	225	12	777,883	284,409	293,488	4,339	297,827
La	2,107	30	35	443,682	173,935	179,827	5,626	185,453
Maine	151	2	21	40,182	14,868	11,505	2,756	14,261
Md	21.3	0	2	8,328	3,081	1,743	925	2,668
Mass	358	20	9	74,171	29,904	29,418	1,626	31,044
Mich	71	0	2	16,412	6,072	5,988	500	6,488
Minn	1,523	63	19	331,304	128,138	135,148	5,839	140,987
Miss	8,361	226	51	1,990,612	765,878	732,598	8,673	741,271
Mo	468	4	30	121,464	47,120	40,126	5,735	45,861
Mont	7,345	8	50	1,565,569	595,004	611,206	13,333	624,539
Nebr	306	7	6	76,705	28,513	26,895	682	27,577
Nev	6,532	360	28	1,449,905	548,059	559,143	12,840	571,983
N.H.	15.2	1	1	3,578	1,403	1,307	134	1,441
N.J.	13.4	0	1.5	3,907	1,445	914	505	1,419
N.Mex	74	47	7	14,250	4,143	5,259	1,050	6,309
N.Y.	116	4	4	23,970	9,372	10,080	437	10,517
N.C.	156	2	10	41,144	16,036	12,716	2,063	14,779
N.Dak	3,872	45	100	849,196	319,457	316,834	14,100	330,934
Ohio	510	15	15	96,859	34,684	37,990	2,591	40,581
Oklahoma	3,045	234	18	692,279	261,641	264,138	4,115	268,253
Oreg	547	40	10	126,054	46,931	44,052	4,371	48,423
Pa	211	1	9	50,949	18,494	16,309	1,617	17,926
R.I.	948	0	64	238,866	92,942	79,757	9,709	89,466
S.C.	10.3	0	2	2,535	938	1,010	58	1,068
S.Dak	818	0	27	206,822	77,215	70,567	4,260	74,827
Tenn	3,144	149	10	715,376	271,415	277,596	3,820	281,416
Tex	2,116	63	90	423,796	163,980	167,329	13,408	180,737
Utah	1,189	8	25	315,827	113,374	107,609	4,091	111,700
Vt	66	2	2	16,838	6,158	5,314	488	5,802
Va	32	0	3	10,908	4,035	3,328	664	3,992
Wash	1,187	29	73	267,854	104,336	99,308	10,100	109,408
W.Va	179	0	14	44,598	18,214	15,478	2,004	17,482
Wis	75	9	22	34,210	12,833	6,623	5,400	12,023
Wyo	3,136	32	49	627,629	244,972	248,374	7,495	255,869
	45	8	2	11,191	4,073	3,897	522	4,419
U.S.	100,452	4,628	1,100	23,425,597	8,873,816	8,919,874	222,037	9,141,911

<sup>1</sup> Balance sheet estimates by States; the sum of inventory December 1, 1979, pig crop and inshipments is equal to the sum of marketings, farm slaughter, deaths and inventory December 1, 1980.

<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> Excludes custom slaughter for farmers at commercial establishments.

<sup>4</sup> Adjustments made for changes in inventory and for inshipments.

<sup>5</sup> Includes allowance for higher average price of State inshipments of feeder pigs.

<sup>6</sup> Receipts from marketings and sale of farm-slaughter. Includes allowance for higher average price of State outshipments of feeder pigs.

<sup>7</sup> Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

Statistical Reporting Service.

Table 471.—Hogs: Number slaughtered, United States, 1966–80

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>				Federally inspected	Other	Total <sup>1</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1966	63,729	10,282	74,011	1,375	75,386	1974	77,071	4,691	81,762	1,321	83,083
1967	70,915	11,209	82,124	1,301	83,425	1975	64,926	3,761	68,687	1,193	69,880
1968	74,789	10,371	85,160	1,262	86,422	1976	70,454	3,330	73,784	1,175	74,959
1969	75,682	8,156	83,838	1,134	84,972	1977	74,019	3,285	77,303	1,139	78,442
1970	78,187	7,630	85,817	1,235	87,052	1978	74,139	3,176	77,315	1,102	78,417
1971	86,667	7,771	94,438	1,210	95,648	1979	85,425	3,674	89,099	1,080	90,179
1972	78,759	5,948	84,707	1,158	85,865	1980	91,882	4,192	96,074	1,100	97,174
1973	72,264	4,531	76,795	1,095	77,890						

<sup>1</sup>Totals are based on unrounded numbers.

Statistical Reporting Service.

Table 472.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1980<sup>1</sup>

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds		Thousands	1,000 pounds	Pounds
Ala	775.6	213,835	276	N. Eng. <sup>2</sup>	75.1	18,450	246
Ariz	264.1	59,141	224	N. J.	249.2	53,511	215
Ark	299.7	78,650	262	N. Mex	43.0	9,853	229
Calif	1,831.5	420,667	230	N. Y.	361.8	83,496	231
Colo	565.7	132,023	233	N. C.	2,770.5	621,979	224
Del. and Md	446.0	100,456	225	N. Dak	50.7	11,859	234
Fla	160.3	35,377	221	Ohio	5,244.2	1,216,711	232
Ga	2,276.7	513,930	226	Okla	1,083.9	274,706	253
Hawaii	43.1	8,042	186	Oreg	189.9	41,682	219
Idaho	112.3	26,613	237	Pa	3,387.8	760,776	225
Ill	7,528.9	1,892,923	251	S. C.	534.6	127,689	239
Ind	3,159.9	760,846	241	S. Dak	3,219.4	786,917	244
Iowa	25,498.1	6,305,154	247	Tenn	2,999.9	772,115	257
Kans	1,459.8	356,013	244	Tex	1,464.7	378,922	259
Ky	2,443.6	613,889	251	Utah	154.5	36,428	236
La	202.5	46,297	229	Va	3,292.5	764,062	232
Mich	4,677.7	1,125,724	241	Wash	622.9	144,672	232
Minn	5,638.8	1,334,469	237	W. Va	41.9	14,983	258
Miss	2,225.6	522,168	235	Wis	2,295.4	541,217	236
Mo	3,255.0	815,612	251	Wyo	14.2	3,522	248
Mont	526.5	127,510	242				
Nebr	4,581.0	1,061,885	232	U. S.	96,074.1	23,216,021	242
Nev	6.7	1,245	217				

<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. Commercial slaughter not estimated in Alaska.

<sup>2</sup>Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

**Table 473.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1966–80<sup>1</sup>**

Year	Federally inspected									Commercial		
	Barrows and gilts		Sows		Stags and boars		Total			All hogs and pigs		
	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight <sup>2</sup>	Avg. live weight	Number head	Avg. dressed weight <sup>2</sup>	Avg. live weight
	<i>Thousands</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>
1966	58,383		5,055		291		63,729	152	244	74,011	151	242
1967	65,444		5,157		314		70,915	152	242	82,124	151	241
1968	69,484		4,929		377		74,789	151	240	85,160	151	239
1969	70,119		4,961		610		75,682	153	240	83,838	152	239
1970	72,647		5,015		525		78,187	155	241	85,817	154	240
1971	80,557		5,372		738		86,667	156	240	94,438	155	239
1972	73,419		4,646		695		78,759	160	240	84,707	159	239
1973	67,321		4,201		742		72,264	164	242	76,795	164	241
1974	71,048		5,319		704		77,071	167	245	81,782	166	244
1975	60,761		3,582		586		64,926	166	240	68,687	165	240
1976	66,512		3,399		548		70,454	167	238	73,784	166	238
1977	69,191	163	4,055	282	783	237	74,019	170	237	77,303	170	237
1978	69,539	164	3,870	290	730	239	74,139	171	240	77,315	171	240
1979	79,744	164	4,793	295	888	234	85,425	172	242	89,099	172	242
1980	85,653	164	5,161	292	1,068	213	91,882	172	242	96,074	172	242

<sup>1</sup> All weights calculated using unrounded totals.<sup>2</sup> 1966–76 shipper style, beginning 1977 packer style.

Statistical Reporting Service.

**Table 474.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1966–80**

Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>		Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			<i>Dollars</i>	<i>Dollars</i>				<i>Dollars</i>	<i>Dollars</i>
1966	18.5	18.7	1.25	1.23	1974	12.2	12.2	2.92	2.91
1967	16.3	16.5	1.17	1.16	1975	17.1	17.2	2.70	2.68
1968	<sup>3</sup> 17.9	<sup>3</sup> 18.3	1.04	1.02	1976	17.5	17.6	2.49	2.48
1969	19.8	20.2	1.13	1.11	1977	19.8	20.0	2.03	2.02
1970	19.1	19.4	1.23	1.21	1978	22.4	22.7	2.10	2.08
1971	14.0	14.3	1.27	1.25	1979	18.3	18.5	2.34	2.31
1972	22.1	22.5	1.17	1.15	1980	14.4	14.6	2.64	2.61
1973	21.7	22.2	1.89	1.87					

<sup>1</sup> Number of bushels of corn required 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.<sup>2</sup> Average of midmonth weighted prices.<sup>3</sup> Beginning 1968, marketing year average December through November.

Statistical Reporting Service.



**Table 475.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 7 markets combined, 1966–80**

Year	Omaha					Seven markets <sup>1</sup>				
	Barrows and gilts		Sows		Number of sows as percentage of all purchases	Barrows and gilts		Sows		Number of sows as percentage of all purchases
	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.		Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	
	<i>Pounds</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Percent</i>
1966	239	23.25	441	19.75	13	236	23.49	432	19.77	12
1967	240	19.17	450	16.47	13	237	19.37	437	16.43	11
1968	238	19.01	444	16.12	13	235	19.19	436	16.20	11
1969	235	23.55	443	20.67	13	234	23.71	436	20.76	11
1970	240	21.75	449	17.74	12	237	21.95	439	17.83	10
1971	237	18.24	447	15.43	12	235	18.45	434	15.54	10
1972	237	26.36	461	23.11	13	237	26.67	447	23.26	10
1973	239	39.83	458	35.59	13	237	40.27	445	35.94	11
1974	245	34.65	447	29.78	14	241	35.12	436	29.92	11
1975	241	47.93	449	43.67	12	238	48.32	448	43.65	9
1976	240	42.60	457	36.09	13	236	43.11	457	35.92	10
1977	237	40.65	459	36.20	14	234	41.07	454	36.01	10
1978	239	48.29	460	43.36	15	237	48.49	459	43.23	11
1979	241	41.56	450	36.65	18	237	42.06	452	35.43	12
1980	241	39.08	452	36.04	19	237	39.48	447	36.01	12

<sup>1</sup>Includes Indianapolis, Kansas City, Omaha, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Agricultural Marketing Service.

**Table 476.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1966–80**

Year	Loins, fresh, 8- to 14-lb. average <sup>1</sup>	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average	Bacon, smoked, slab, 8- to 12-lb. average	Year	Loins, fresh, 8- to 14-lb. average	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average <sup>2</sup>	Bacon, smoked, slab, 8- to 12-lb. average
1966	56.94	46.16	54.29	55.41	1974	78.56	61.98	.....	.....
1967	51.53	40.91	49.76	44.76	1975	99.28	86.44	89.15	.....
1968	50.90	40.31	48.11	42.96	1976	97.68	81.13	91.06	.....
1969	57.47	48.73	54.19	47.64	1977	95.25	75.98	89.08	.....
1970	56.86	43.43	51.68	48.40	1978	109.15	71.77	99.63	.....
1971	49.85	39.35	48.85	36.11	1979	107.65	94.13	94.38	.....
1972	64.46	52.26	56.97	46.70	1980	101.14	87.46	88.99	.....
1973	81.91	71.08	.....	52.14					

<sup>1</sup>Prior to June 1967, 8-12 pounds.

<sup>2</sup>Delete word "smoked" after 1974.

Agricultural Marketing Service.

Table 477.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1966–80

Year	Supply						Disposition					
	Production				Stocks Jan. 1 <sup>1</sup>	Total <sup>2</sup>	Exports and shipments			Domestic disappearance		
	Federally in- spected	Other com- mercial	Farm	Total			Exports	Ship- ments	Total	Total	Direct use	
					Total	Per civillian						
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1966	1,696	202	32	1,929	62	1,991	158	63	220	1,670	1,071	5.5
1967	1,835	209	32	2,076	100	2,176	189	58	247	1,778	1,055	5.4
1968	1,862	170	30	2,062	151	2,213	175	58	234	1,886	1,106	5.6
1969	1,755	124	25	1,904	94	1,998	262	67	329	1,599	1,011	5.1
1970	1,776	112	25	1,913	70	1,983	366	53	419	1,482	939	4.6
1971	1,830	106	24	1,960	82	2,042	282	62	344	1,598	880	4.2
1972	1,464	76	18	1,550	100	1,658	164	25	189	1,418	787	3.8
1973	1,181	55	18	1,254	61	1,305	113	8	121	1,140	705	3.3
1974	1,286	58	22	1,366	44	1,410	161	21	182	1,192	681	3.2
1975	956	39	17	1,012	36	1,048	88	56	144	876	615	2.9
1976	1,010	33	17	1,060	28	1,088	181	54	235	819	568	2.6
1977	1,022	.....	16	1,038	34	1,072	182	47	229	805	495	2.2
1978	991	.....	15	1,006	29	1,035	120	42	162	835	478	2.1
1979	1,141	.....	15	1,156	44	1,200	96	42	138	1,012	546	2.4
1980 <sup>3</sup>	1,202	.....	.....	1,202	50	1,252	92	38	130	1,073	540	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.<sup>3</sup> Preliminary.

Economic Research Service. 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 478.—Lard, including rendered pork fat: United States exports by country of destination, 1978–80

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</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>
North America:				Europe:			
Belize .....	1,427	1,678	1,514	Belgium and Luxembourg .....	1	7	1
Canada .....	19,442	9,275	7,908	Poland .....	.....	.....	2,498
Haiti .....	931	1,085	990	United Kingdom .....	3,826	1,686	1,680
Mexico .....	26,667	26,676	23,962	Other countries .....	55	91	80
Netherlands Antilles .....	267	421	338	Total .....	3,882	1,784	4,259
Panama .....	11	22	31	Africa .....	23	.....	.....
Other countries .....	734	706	686	Asia .....	400	274	239
Total .....	49,489	39,863	35,429	Oceania .....	86	26	.....
South America:				Grand total <sup>2</sup> .....	54,237	43,507	41,914
Bolivia .....	.....	1,085	254				
Colombia .....	167	87	1,102				
Other countries .....	191	389	633				
Total .....	358	1,561	1,989				

<sup>1</sup> Preliminary.<sup>2</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 479.—Sheep and lambs: Number and value, United States, Jan. 1, 1966–81

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 .....	24,734	19.80	490,686	1974 .....	16,310	32.80	534,766
1967 .....	23,953	19.80	473,216	1975 .....	14,515	30.50	442,491
1968 .....	22,223	19.20	427,216	1976 .....	13,311	37.30	496,281
1969 .....	21,350	22.00	470,709	1977 .....	12,722	42.50	540,158
1970 .....	20,423	25.10	512,737	1978 .....	12,421	51.60	641,476
1971 .....	19,731	23.60	465,418	1979 .....	12,365	72.10	890,970
1972 .....	18,739	22.90	428,861	1980 .....	12,687	78.20	992,127
1973 .....	17,641	26.70	470,832	1981 <sup>1</sup> .....	12,942	69.90	904,488

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 480.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1966–81

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		1 year and over	
				Ewes	Wethers and rams	Ewes	Wethers and rams
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1966 .....	24,734	3,278	21,456	3,010	760	16,850	836
1967 .....	23,953	3,276	20,677	2,959	688	16,230	799
1968 .....	22,223	3,115	19,108	2,546	569	15,290	705
1969 .....	21,350	2,995	18,355	2,473	501	14,707	675
1970 .....	20,423	2,990	17,433	2,422	475	13,923	613
1971 .....	19,731	2,785	16,946	2,280	463	13,609	594
1972 .....	18,739	2,894	15,845	1,974	402	12,909	560
1973 .....	17,641	2,873	14,768	1,883	354	12,049	482
1974 .....	16,310	2,625	13,685	1,804	359	11,058	464
1975 .....	14,515	2,079	12,436	1,510	404	10,083	437
1976 .....	13,311	1,884	11,427	1,345	350	9,314	418
1977 .....	12,722	1,731	10,991	1,401	379	8,850	361
1978 .....	12,421	1,623	10,798	1,508	328	8,588	374
1979 .....	12,365	1,579	10,786	1,684	356	8,366	380
1980 .....	12,687	1,622	11,065	1,807	368	8,524	366
1981 <sup>1</sup> .....	12,942	1,624	11,318	1,791	357	8,798	371

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 481.—Stock sheep: Number, by classes, by States, Jan. 1, 1980 and 1981

State	Lambs				One year and over			
	Ewes		Wethers and rams		Ewes		Wethers and rams	
	1980	1981 <sup>1</sup>	1980	1981 <sup>1</sup>	1980	1981 <sup>1</sup>	1980	1981 <sup>1</sup>
	<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>	<i>1,000 head</i>
Alaska	0.4	0.3	0.3	0.3	2.3	2.0	1.3	1.3
Ariz	49	56	20	20	246	240	10	9.0
Calif	115	129	21	23	839	850	25	28
Colo	66	86	6	11	425	400	13	13
Conn	.8	1.0	.2	.3	3.9	3.8	.3	.3
Idaho	77	83	6.0	11	361	386	12	10
Ill	26	32	7.0	7.0	117	120	8.0	7.0
Ind	19	23	4.0	4.0	83	95	4.0	5.0
Iowa	60	65	19	22	250	260	11	13
Kans	16	12	8.0	4.0	125	120	6.0	4.0
Ky	2.0	2.0	1.0	1.0	17	18	1.0	1.0
La	2.0	2.0	1.0	1.0	8.0	7.0	1.0	1.0
Maine	2.0	2.0	1.0	1.0	9.0	9.0	1.0	1.0
Md	3.0	3.0	1.0	1.0	15	13	1.0	1.0
Mass	1.2	1.2	.4	.4	5.0	5.1	.5	.5
Mich	16	15	3.0	4.0	82	80	3.0	3.0
Minn	39	48	9.0	10.0	164	187	5.0	5.0
Mo	18	19	4.0	5.0	84	92	3.0	4.0
Mont	136	130	11	15	400	420	13	15
Nebr	21	23	5.0	7.0	90	115	4.0	5.0
Nev	18	19	1.0	1.0	94	103	2.0	2.0
N.H	1.2	1.2	.3	.3	5.1	5.1	.4	.4
N.J	1.3	1.4	.6	.6	6.8	6.9	.6	.6
N. Mex	96	96	8.0	8.0	468	468	23	23
N.Y	12	14	8.0	8.0	43	45	2.0	2.0
N.C	1.0	1.2	.5	.4	5.5	5.5	.5	.4
N. Dak	39	39	10	11	135	153	6.0	7.0
Ohio	34	33	9.0	8.0	215	212	7.0	7.0
Okla	13	10	4.0	3.0	58	64	3.0	3.0
Oreg	80	82	13	13	280	310	12	15
Pa	18	17	4.0	4.0	78	79	5.0	5.0
S. Dak	127	109	22	19	550	615	16	17
Tenn	1.0	1.0	1.0	.5	9.0	9.0	1.0	.5
Tex	365	270	105	80	1,675	1,700	<sup>2</sup> 105	<sup>3</sup> 100
Utah	80	96	9.0	9.0	491	500	15	15
Vt	1.7	2.2	.5	.6	5.6	6.0	.4	.4
Va	22	22	11	10	122	123	5.0	5.0
Wash	17	14	6.0	6.0	55	55	5.0	5.0
W. Va	17	16	5.0	4.0	87	84	4.0	4.0
Wis	23	21	3.0	3.0	70	82	4.0	5.0
Wyo	170	193	19	20	745	750	26	27
U.S.	1,806.6	1,790.5	367.8	357.4	8,524.2	8,798.4	366.0	371.4

<sup>1</sup> Preliminary.<sup>2</sup> 30,000 wethers and 75,000 rams.<sup>3</sup> 25,000 wethers and 75,000 rams.

Statistical Reporting Service.

Table 482.—Sheep and lambs: Number of stock sheep and sheep on feed, by States, Jan. 1, 1979–81

State	Stock sheep			Sheep on feed <sup>2</sup>		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Alaska	5.0	4.3	3.9			
Ariz	340	325	325	85	60	47
Calif	965	1,000	1,030	185	175	175
Colo	475	510	510	320	360	300
Conn	5.1	5.2	5.4			
Idaho	456	456	490	10	12	22
Ill	150	158	166	17	15	18
Ind	114	110	127	11	10	8
Iowa	320	340	360	60	68	77
Kans	150	155	140	70	80	60
Ky	22	21	22			
La	13	12	11			
Maine	12	13	13			
Md	19	20	18			
Mass	6.7	7.1	7.2			
Mich	95	104	102	26	28	22
Minn	210	217	250	45	47	45
Mo	112	109	120	14	14	18
Mont	520	560	580	20	14	15
Nebr	100	120	150	75	90	100
Nev	118	115	125	7	7	9
N.H.	6.9	7.0	7.0			
N.J.	9.6	9.3	9.5			
N. Mex	555	595	595	49	65	55
N.Y.	62	65	69			
N.C.	7	7.5	7.5			
N. Dak	160	190	210	38	46	52
Ohio	290	265	260	60	55	50
Okla	75	78	80	14	15	15
Oreg	380	385	420	110	110	100
Pa	95	105	105			
S. Dak	696	715	760	44	68	50
Tenn	13	12	11			
Tex	2,250	2,250	2,150	165	150	210
Utah	570	595	620	24	30	40
Vt	8	8.2	9.2			
Va	165	160	160			
Wash	75	83	80			
W. Va	115	113	108			
Wis	85	100	111	10	13	16
Wyo	960	960	990	120	90	120
U.S.	10,786	11,065	11,318	1,579	1,622	1,624

<sup>1</sup>Preliminary.<sup>2</sup>Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcass that will grade Good or better.

Statistical Reporting Service.

Table 483.—Sheep: Number in specified countries, 1979–81<sup>1</sup>

Continent and country	1979	1980	1981 <sup>2</sup>	Continent and country	1979	1980	1981 <sup>2</sup>
	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>		<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>
	<i>sands</i>	<i>sands</i>	<i>sands</i>		<i>sands</i>	<i>sands</i>	<i>sands</i>
North America:				Europe—Con.			
Canada . . . . .	403	481	538	Bulgaria . . . . .	10,105	10,500	10,600
Guatemala . . . . .	500	500	500	Czechoslovakia . . . . .	865	890	900
Mexico . . . . .	7,900	7,950	7,970	German Dem. Rep . . . . .	1,965	1,979	2,040
United States <sup>3</sup> . . . . .	21,365	12,687	12,942	Hungary . . . . .	2,864	3,046	3,300
Total . . . . .	21,195	21,618	21,950	Poland . . . . .	3,704	3,633	3,596
				Romania . . . . .	15,612	15,900	16,200
South America:				Yugoslavia . . . . .	7,339	7,354	7,424
Argentina . . . . .	32,800	32,000	31,900	Total Eastern Europe . . . . .	42,454	43,302	44,060
Brazil . . . . .	18,000	18,500	18,500	Total Europe . . . . .	117,619	118,739	119,069
Chile . . . . .	5,800	5,700	5,700	Soviet Union . . . . .	142,600	143,599	141,500
Colombia . . . . .	2,368	2,486	2,608	Africa:			
Ecuador . . . . .	2,278	2,313	2,335	South Africa . . . . .	32,487	32,626	32,600
Peru . . . . .	14,000	13,500	13,500	Total . . . . .	32,487	32,626	32,600
Uruguay . . . . .	20,690	23,290	23,940	Asia:			
Venezuela . . . . .	314	330	346	India . . . . .	41,000	40,500	41,000
Total . . . . .	96,250	98,119	98,829	Israel . . . . .	255	198	180
Europe:				Turkey . . . . .	43,943	44,500	45,000
Belgium-Luxembourg . . . . .	96	89	92	Total . . . . .	85,198	85,198	86,180
Denmark . . . . .	56	55	57	Oceania:			
France . . . . .	11,642	11,799	11,394	Australia . . . . .	134,222	135,985	131,200
Germany, Fed. Rep. of . . . . .	1,136	1,146	1,166	New Zealand . . . . .	63,523	66,000	68,000
Greece . . . . .	8,024	7,974	7,800	Total . . . . .	197,745	201,985	199,200
Ireland . . . . .	2,418	2,360	2,300	Total selected countries . . . . .	693,094	701,884	699,328
Italy . . . . .	8,973	9,110	9,340				
Netherlands . . . . .	895	858	800				
United Kingdom . . . . .	21,651	21,658	22,000				
Total EC . . . . .	54,891	55,049	54,949				
Austria . . . . .	192	195	198				
Finland . . . . .	70	70	75				
Norway . . . . .	918	926	934				
Portugal . . . . .	3,840	3,840	3,840				
Spain . . . . .	14,500	14,600	14,250				
Sweden . . . . .	393	403	410				
Switzerland . . . . .	361	354	353				
Total Western Europe . . . . .	75,165	75,437	75,009				

<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.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 484.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1978-80<sup>1</sup>

State	1978		1979		1980 <sup>2</sup>	
	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1
	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>
Alaska . . . . .	0.8	27	0.7	26	0.6	26
Ariz . . . . .	191	72	215	80	200	81
Calif . . . . .	694	89	721	86	725	86
Colo . . . . .	390	103	400	102	435	102
Conn . . . . .	4.5	115	4.4	116	4.7	121
Idaho . . . . .	421	112	432	117	450	125
Ill . . . . .	134	109	129	112	134	115
Ind . . . . .	115	113	102	115	100	120
Iowa . . . . .	259	108	273	124	300	120
Kans . . . . .	124	106	134	107	145	116
Ky . . . . .	24	109	20	111	20	118
La . . . . .	8	89	8	89	7.0	88
Maine . . . . .	9	113	9	113	10.0	111
Md . . . . .	17	121	16	114	16	107
Mass . . . . .	5.3	113	5.1	104	5.6	112
Mich . . . . .	103	117	90	120	100	122
Minn . . . . .	200	125	198	124	205	125
Mo . . . . .	106	120	107	129	108	129
Mont . . . . .	375	101	360	95	390	98
Nebr . . . . .	110	85	90	118	112	124
Nev . . . . .	96	95	94	96	93	99
N.H . . . . .	6.1	122	5.4	113	6.1	120
N.J . . . . .	7.8	116	7.8	113	7.8	115
N. Mex . . . . .	323	74	363	84	356	76
N.Y . . . . .	50	111	50	119	52	121
N.C . . . . .	6.4	97	6.1	122	6.4	116
N. Dak . . . . .	152	121	143	124	173	128
Ohio . . . . .	264	104	267	113	253	118
Okla . . . . .	60	109	62	109	62	107
Oreg . . . . .	290	111	300	106	305	109
Pa . . . . .	74	99	77	110	83	106
S. Dak . . . . .	645	123	650	122	690	125
Tenn . . . . .	11	100	10	111	10.0	111
Tex . . . . .	1,200	67	1,190	71	1,120	67
Utah . . . . .	423	94	430	93	476	97
Vt . . . . .	6.7	120	7.2	129	7.3	130
Va . . . . .	160	118	162	125	159	130
Wash . . . . .	60	113	62	119	64	116
W. Va . . . . .	108	113	101	115	104	120
Wis . . . . .	78	134	92	146	110	157
Wyo . . . . .	615	79	580	77	640	86
U.S . . . . .	7,926.6	92	7,973.7	95	8,245.5	97

<sup>1</sup> Lamb crop defined as lambs born in the native States, plus lambs docked or branded in the Western States for the period Oct. 1, through Sept. 30.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 495

<sup>1</sup> Includes shearing at commercial feeding yards.

<sup>2</sup> For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.

<sup>3</sup> Production multiplied by annual average price.

<sup>4</sup> Preliminary.

<sup>5</sup> Price per pound calculated by weighting monthly prices by monthly sales of wool for footnoted States. The prices for remaining States are annual averages.

<sup>6</sup> U.S. average price per pound derived using unrounded value and production.

Statistical Reporting Service.

**Table 485.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1966–80**

Year	Lamb crop <sup>1</sup>	Marketings <sup>2</sup>		Inshipments	Farm slaughter	Quantity produced (live weight) <sup>3</sup>
		Sheep	Lambs			
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds
1966	15,881	2,785	14,674	4,679	268	1,249,097
1967	15,017	2,911	13,993	4,030	245	1,153,596
1968	14,443	2,298	13,448	4,035	237	1,166,190
1969	13,723	2,282	12,873	4,119	233	1,065,074
1970	13,465	1,983	12,840	4,032	249	1,099,385
1971	12,998	2,202	12,627	4,004	236	1,070,502
1972	12,599	2,170	12,383	3,976	224	1,004,102
1973	11,500	2,198	10,879	3,275	302	895,776
1974	10,509	2,172	9,888	2,629	217	806,755
1975	9,857	1,812	9,039	2,349	212	785,394
1976	8,888	1,495	8,120	2,469	202	733,026
1977	8,573	1,450	7,361	2,148	198	706,395
1978	7,927	1,439	6,529	2,148	174	686,869
1979	7,974	1,343	6,335	2,136	172	709,027
1980 <sup>4</sup>	8,246	1,347	6,741	2,170	163	744,553

  

Year	Value of production	Cash receipts for sales of sheep, lambs, and mutton and lamb <sup>5</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>6</sup>	Cost of sheep and lambs shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
						Sheep	Lambs
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1966	261,185	333,624	4,525	338,149	71,324	6.84	23.40
1967	231,020	301,660	4,212	305,872	54,882	6.35	22.10
1968	256,616	315,180	4,559	319,739	60,561	6.58	24.40
1969	266,856	343,431	5,556	348,987	73,192	8.10	27.20
1970	260,373	333,746	5,691	339,437	( <sup>7</sup> )	7.52	26.40
1971	250,159	322,982	5,399	328,381	.....	6.56	25.90
1972	271,434	353,803	5,725	359,528	.....	7.26	29.10
1973	293,732	389,585	6,895	396,480	.....	12.90	35.10
1974	272,048	368,747	7,870	376,617	.....	11.20	37.00
1975	303,328	385,804	8,470	394,274	.....	11.30	42.10
1976	315,581	393,101	9,173	402,274	.....	13.10	46.90
1977	320,323	386,372	9,866	396,238	.....	13.50	51.30
1978	381,621	452,935	11,223	464,158	.....	21.80	62.80
1979	410,053	474,156	11,730	485,886	.....	25.80	66.70
1980 <sup>4</sup>	401,761	468,362	11,369	479,731	.....	21.10	63.60

<sup>1</sup>Lamb crop defined as lambs born in the Native States, plus lambs docked or branded in the Western States for the period Oct. 1 through Sept. 30. <sup>2</sup>Includes animals custom slaughtered for use on farms where produced, 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. <sup>7</sup>Discontinued.

Statistical Reporting Service.

**Table 486.—Sheep and lambs: Average price per 100 pounds at Omaha, 1966–80<sup>1</sup>**

Year beginning May	Sheep			Lambs			Year beginning May	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.		Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1966	5.72	5.80	6.91	23.14	21.79	27.10	1974	6.98	7.80	7.32	40.46	42.10	41.15
1967	5.82	5.94	5.86	24.80	25.20	24.97	1975	8.75	11.92	10.07	45.14	51.44	47.77
1968	5.84	7.78	6.65	27.07	27.50	27.25	1976	9.95	11.83	10.78	45.39	50.50	47.52
1969	7.86	8.05	7.94	28.97	27.98	28.55	1977	10.82	13.75	12.04	53.30	64.43	57.94
1970	7.07	5.80	6.54	27.55	26.03	26.92	1978	16.61	21.50	17.69	61.68	68.15	64.38
1971	5.04	4.93	4.99	28.16	28.48	28.29	1979	18.75	17.00	18.22	64.93	63.53	64.34
1972	6.16	8.40	7.09	30.80	35.47	32.75	1980	13.36	15.94	14.30	63.70	53.85	59.60
1973	11.96	13.81	12.64	36.41	38.70	37.37							

See footnotes on page 329.



Table 487.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1980 (preliminary)

State	Marketings <sup>1</sup>		Shipped in	Slaughter on farms <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production	Cash receipts from sales of sheep, lambs and mutton and lamb <sup>4</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>5</sup>
	Sheep	Lambs							
	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
Alaska . . . . .	0	0	0	0.3	(6)	.....	5	5	10
Ariz . . . . .	61	136	55	41	19,560	9,822	10,525	1,822	12,347
Calif . . . . .	55	669	228	19	69,973	41,100	47,084	1,494	48,578
Colo . . . . .	136	846	609	6	65,459	39,834	66,791	448	67,239
Conn . . . . .	.9	2.6	0	.2	358	253	208	27	235
Idaho . . . . .	37	389	91	3	42,837	23,697	25,055	349	25,404
Ill . . . . .	24	120	55	2	12,714	6,366	7,775	412	8,187
Ind . . . . .	6	56	2	1	7,900	3,874	3,098	225	3,323
Iowa . . . . .	37	276	119	2	28,305	15,506	19,263	311	19,574
Kans . . . . .	32	216	96	1	14,089	8,162	13,220	86	13,306
Ky . . . . .	3	13	4	1	1,717	937	877	131	1,008
La . . . . .	2	2	0	2	426	182	107	98	205
Maine . . . . .	2	5	0	1	764	476	340	136	476
Md . . . . .	5	8	0	1	1,116	548	524	81	605
Mass . . . . .	1.2	2.7	0	.6	428	273	179	89	268
Mich . . . . .	18	77	3	1	8,955	5,058	5,439	108	5,547
Minn . . . . .	18	176	63	2	19,863	10,285	11,408	215	11,623
Mo . . . . .	3	64	3	2	9,195	5,095	4,330	248	4,578
Mont . . . . .	87	184	25	2	29,124	12,511	12,340	158	12,498
Nebr . . . . .	20	114	98	1	10,695	5,833	7,670	99	7,769
Nev . . . . .	1	115	68	3	6,195	3,154	6,310	129	6,439
N.H . . . . .	1.2	3.3	0	.5	452	300	219	81	300
N.J . . . . .	1.7	4.3	0.6	.4	513	261	212	69	281
N. Mex . . . . .	98	210	132	30	16,226	9,224	12,811	1,166	13,977
N.Y . . . . .	12	26	6	3	3,873	1,880	1,690	256	1,946
N.C . . . . .	.9	3.2	0	.4	376	178	150	28	178
N. Dak . . . . .	15	105	14	1	14,418	7,319	6,581	129	6,710
Ohio . . . . .	38	197	4	2	22,876	12,926	13,388	135	13,523
Okla . . . . .	10	47	11	0	5,356	2,672	3,098	0	3,098
Oreg . . . . .	20	194	18	5	26,166	12,467	12,501	476	12,977
Pa . . . . .	10	51	0	5	6,124	3,371	3,043	351	3,394
S. Dak . . . . .	51	565	76	3	69,697	39,547	41,968	300	42,268
Tenn . . . . .	4.5	5.5	3	0	531	295	404	0	404
Tex . . . . .	305	839	245	1	109,720	56,674	69,528	110	69,638
Utah . . . . .	16	347	30	9	35,838	20,281	19,500	542	20,042
Vt . . . . .	1.5	3.1	0	.7	628	392	203	127	330
Va . . . . .	18	108	4	1	12,378	6,609	6,644	146	6,790
Wash . . . . .	15	34	0	4	5,568	2,456	2,367	281	2,648
W. Va . . . . .	18	67	1	1	7,478	3,974	4,100	99	4,199
Wis . . . . .	3	77	11	1	9,092	4,848	4,692	191	4,883
Wyo . . . . .	159	383	95	3	47,571	23,121	22,713	213	22,926
U.S . . . . .	1,347	6,741	2,170	163	744,553	401,761	468,362	11,369	479,731

<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> Decrease in inventory and the death loss of sheep resulted in a deficit number of pounds produced.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 486

<sup>1</sup> Simple average of monthly bulk-of-sales prices from data of the livestock reporting service.

Agricultural Marketing Service.

Table 488.—Sheep and lambs: Receipts at selected public stockyards, 1966–80<sup>1</sup>

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	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>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1966	137	758	424	411	401	111	226	625	302	3,029	6,424
1967	172	488	557	206	370	96	215	589	250	2,729	5,672
1968	167	302	444	165	236	90	257	549	195	2,574	4,979
1969	60	191	393	118	160	81	277	491	171	2,909	4,251
1970	24	137	351	69	134	86	253	333	153	2,155	3,695
1971	46	104	144	55	123	77	97	238	104	1,931	2,879
1972		9	17	43	111	60	83	228	107	1,895	2,553
1973		( <sup>5</sup> )	12	36	97	41	67	243	102	1,779	2,377
1974			10	29	88	35	52	254	95	1,679	2,245
1975			7	22	81	29	41	247	81	1,394	1,902
1976			5	19	76	28	36	218	55	1,325	1,707
1977			4	14	73	25	36	165	47	1,247	1,611
1978			2	12	51	22	19	126	29	933	1,254
1979			1	14	54	18	20	126	23	1,037	1,293
1980			1	21	52	16	20	146	24	1,034	1,314

<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.

<sup>4</sup> Market closed Aug. 1, 1971.

<sup>5</sup> Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 489.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1980<sup>1</sup>

State	Number slaughtered	Total live weight	Average live weight	State	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>
Ala	0.2	15	86	N.J.	16.5	1,371	83
Ariz	2.0	199	101	N. Mex	89.8	10,894	121
Ark	.7	65	92	N.Y.	52.4	5,104	97
Calif	1,072.3	120,559	112	N.C.	.7	60	88
Colo	1,073.6	124,401	116	N. Dak	.9	105	117
Del. and Md	35.1	3,742	107	Ohio	18.4	1,752	95
Fla	.5	33	64	Okla	2.8	296	106
Ga	.3	28	92	Oreg	28.4	3,093	109
Idaho	6.5	715	110	Pa	153.3	15,602	102
Ill	300.1	33,260	111	S.C.			
Ind	7.4	677	91	S. Dak	412.2	46,831	114
Iowa	1.7	166	98	Tenn	2.0	174	89
Kans	4.5	492	110	Tex	1,140.3	124,069	109
Ky	8.4	923	110	Utah	24.3	2,811	116
La	4.3	387	90	Va	5.1	524	103
Mich	297.1	32,291	109	Wash	253.2	29,854	118
Minn	514.0	58,141	113	W. Va	.8	86	106
Mo	18.6	2,049	110	Wis	6.7	665	99
Mont	2.9	304	105	Wyo	2.2	259	117
Nebr	1.9	205	105				
Nev	2.7	299	111	U.S.	5,579.3	623,813	112
N. Eng. <sup>2</sup>	14.3	1,307	91				

<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.

<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>3</sup> States with no data listed are included in U.S. total to avoid disclosing individual operations.

Statistical Reporting Service.

Table 490.—Sheep and lambs: Number slaughtered, United States, 1966–80

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>				Federally inspected	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>
1966 . . . . .	11,553	1,184	12,737	268	13,005	1974 . . . . .	8,556	291	8,847	217	9,064
1967 . . . . .	11,516	1,275	12,791	245	13,036	1975 . . . . .	7,552	283	7,835	212	8,047
1968 . . . . .	10,888	996	11,884	237	12,121	1976 . . . . .	6,474	240	6,714	197	6,911
1969 . . . . .	10,070	621	10,691	233	10,924	1977 . . . . .	6,133	223	6,356	199	6,555
1970 . . . . .	10,010	542	10,552	249	10,801	1978 . . . . .	5,169	200	5,369	174	5,543
1971 . . . . .	10,256	473	10,729	236	10,965	1979 . . . . .	4,833	184	5,017	172	5,189
1972 . . . . .	9,905	396	10,301	224	10,525	1980 . . . . .	5,363	216	5,579	163	5,742
1973 . . . . .	9,234	363	9,597	202	9,799						

<sup>1</sup> Totals are based on unrounded numbers.

Statistical Reporting Service.

Table 491.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1966–80<sup>1</sup>

Year	Federally inspected									Commercial		
	Lambs and yearlings			Mature sheep			Total			All sheep and lambs		
	Number head	Pct. of total	Avg. dressed weight	Number head	Pct. of total	Avg. dressed weight	Number head	Avg. dressed weight	Avg. live weight	Number head	Avg. dressed weight	Avg. live weight
	<i>Thousands</i>	<i>Percent</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Percent</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>
1966 . . . . .	10,795	93.4	51	758	6.6	55	11,553	51	102	12,737	50	102
1967 . . . . .	10,735	93.2	50	781	6.8	55	11,516	50	102	12,791	50	101
1968 . . . . .	10,198	93.7	50	690	6.3	55	10,888	50	102	11,884	50	102
1969 . . . . .	9,340	92.8	51	728	7.2	55	10,070	51	104	10,691	51	104
1970 . . . . .	9,298	92.9	52	711	7.1	55	10,010	52	105	10,552	52	104
1971 . . . . .	9,437	92.0	51	819	8.0	55	10,256	51	104	10,729	51	104
1972 . . . . .	9,229	93.2	52	677	6.8	55	9,905	52	105	10,301	52	105
1973 . . . . .	8,426	91.2	53	808	8.8	55	9,234	53	108	9,597	53	107
1974 . . . . .	7,987	93.3	52	569	6.7	55	8,556	52	105	8,847	52	105
1975 . . . . .	6,993	92.6	51	558	7.4	55	7,552	51	109	7,835	51	104
1976 . . . . .	6,058	93.6	54	416	6.4	55	6,474	54	108	6,714	54	109
1977 . . . . .	5,643	92.0	54	489	8.0	55	6,133	54	108	6,356	54	108
1978 . . . . .	4,810	93.1	57	359	6.9	56	5,169	56	113	5,369	56	112
1979 . . . . .	4,499	93.1	57	334	6.9	55	4,833	57	114	5,017	57	114
1980 . . . . .	4,970	92.7	56	393	7.3	53	5,363	56	112	5,579	56	112

<sup>1</sup> All percents and weights calculated using unrounded totals.

Statistical Reporting Service.

Table 492.—Livestock: Average price per 100 pounds received by farmers, by States, 1979 and 1980

State	Cows <sup>1</sup>		Steers and heifers		Beef cattle <sup>2</sup>		Calves	
	1979	1980	1979	1980	1979	1980	1979	1980
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala . . . . .	51.10	45.20	69.80	63.50	62.90	55.30	81.30	69.10
Alaska . . . . .	49.00	45.00	57.00	64.00	53.00	56.00	46.80	55.00
Ariz . . . . .	48.90	45.50	68.70	68.30	65.70	65.10	87.50	74.60
Ark . . . . .	52.30	45.00	73.60	65.30	66.30	51.80	86.80	72.70
Calif . . . . .	49.80	46.20	69.10	67.50	65.80	63.60	76.70	71.60
Colo . . . . .	53.30	47.20	68.50	66.80	67.90	65.60	93.60	80.20
Conn . . . . .	48.50	47.00	59.00	57.00	57.00	55.00	74.00	73.00
Del . . . . .	52.10	47.60	63.80	62.80	56.60	54.00	88.80	84.80
Fla . . . . .	51.50	46.90	74.10	66.30	65.50	59.90	95.30	76.70
Ga . . . . .	49.60	44.90	69.60	60.80	60.70	52.20	85.80	67.40
Hawaii . . . . .	42.50	43.00	54.00	56.50	51.20	53.50	63.00	63.00
Idaho . . . . .	48.00	45.90	69.30	66.60	66.90	62.90	89.30	74.30
Idaho . . . . .	47.80	45.60	66.40	65.50	64.30	62.30	79.30	72.20
Ill . . . . .	49.70	46.90	65.60	64.50	63.80	61.00	82.80	72.70
Ind . . . . .	49.80	46.00	68.00	67.20	65.80	65.30	84.60	78.20
Iowa . . . . .	49.90	45.60	71.50	68.70	70.10	65.30	92.60	76.50
Kans . . . . .	48.80	44.90	70.30	64.30	65.10	59.30	83.00	72.40
Ky . . . . .	51.10	44.60	71.00	64.50	59.90	50.60	88.10	70.80
La . . . . .	45.50	48.00	55.00	58.00	53.00	56.00	71.00	68.00
Md . . . . .	51.30	47.60	63.40	62.80	56.10	54.00	87.00	84.80
Mass . . . . .	48.50	47.50	59.00	57.00	57.00	55.00	76.00	71.00
Mich . . . . .	50.50	47.40	65.60	62.90	58.20	55.90	86.60	82.50
Minn . . . . .	50.70	45.80	64.20	61.70	58.90	55.70	81.90	78.30
Miss . . . . .	50.00	44.20	70.70	63.90	60.20	50.40	88.00	72.90
Mo . . . . .	49.40	47.30	70.70	67.10	66.60	62.80	84.30	75.30
Mont . . . . .	47.70	44.80	73.90	68.30	67.10	58.00	89.80	76.80
Nebr . . . . .	50.00	45.80	68.70	66.70	66.30	64.80	88.40	78.70
Nev . . . . .	46.80	43.60	67.70	65.90	63.60	61.40	84.20	72.90
N.H . . . . .	44.50	45.00	54.00	55.00	52.00	53.00	74.00	69.00
N.J . . . . .	50.10	46.30	64.80	60.70	52.00	48.20	94.70	92.80
N. Mex . . . . .	48.20	44.60	70.60	68.00	69.20	64.30	87.60	77.60
N.Y . . . . .	49.80	46.30	61.20	55.60	51.50	47.40	88.80	78.00
N.C . . . . .	49.40	44.50	65.50	59.50	57.20	51.40	82.10	66.70
N. Dak . . . . .	47.40	44.60	75.60	69.30	67.70	61.10	88.60	78.20
Ohio . . . . .	50.40	45.00	65.80	62.10	61.90	56.40	85.70	72.30
Okl . . . . .	50.70	44.70	75.50	68.00	69.90	62.70	87.30	74.60
Oreg . . . . .	48.20	44.10	66.40	60.90	62.60	57.50	76.00	66.90
Pa . . . . .	51.40	47.60	66.80	65.60	59.50	56.10	97.90	93.20
R.I . . . . .	48.50	47.50	59.00	57.00	56.00	55.00	75.00	72.00
S.C . . . . .	52.10	45.60	69.00	61.10	60.20	53.80	87.50	71.30
S. Dak . . . . .	49.70	48.00	70.80	69.90	68.10	66.00	91.90	82.90
Tenn . . . . .	46.90	42.20	73.00	65.60	58.50	52.00	85.30	70.40
Tex . . . . .	51.40	45.80	70.70	67.30	68.20	65.20	88.30	73.60
Utah . . . . .	47.70	43.30	69.30	65.20	64.80	60.30	88.70	75.50
Vt . . . . .	47.50	48.00	59.00	61.00	57.00	58.00	76.00	72.00
Va . . . . .	49.30	44.90	68.30	60.10	58.70	52.50	86.30	75.50
Wash . . . . .	47.70	45.20	69.30	65.80	65.90	62.40	78.60	74.00
W. Va . . . . .	47.70	44.50	65.80	60.00	55.70	52.80	79.50	79.30
Wis . . . . .	50.90	46.70	66.60	63.20	54.70	50.80	113.00	106.00
Wyo . . . . .	51.90	48.20	75.60	69.90	71.40	65.00	93.50	82.50
U.S . . . . .	50.00	45.70	69.80	66.90	66.00	62.40	88.80	76.80

See footnotes at the end of table.

Table 492.—Livestock: Average price per 100 pounds received by farmers, by States, 1979 and 1980—Continued

State	Hogs <sup>3</sup>		Sheep		Lambs	
	1979	1980	1979	1980	1979	1980
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ala	43.50	37.00				
Alaska	77.00	75.00	30.00	30.00	55.00	55.00
Ariz	44.10	41.20	20.50	18.80	65.90	64.50
Ark	41.70	37.50				
Calif	45.90	40.90	21.20	16.10	66.60	63.00
Colo	42.30	38.50	23.30	18.00	66.70	64.90
Conn	44.00	37.00	38.00	42.00	85.00	83.00
Del	43.60	40.10				
Fla	40.60	37.00				
Ga	39.10	36.10				
Hawaii	67.70	69.80				
Idaho	37.80	36.00	18.30	17.20	63.50	62.60
Ill	42.10	38.50	21.80	24.10	61.80	58.80
Ind	41.90	38.20	22.80	24.50	61.10	59.20
Iowa	41.60	38.00	22.90	27.20	65.30	62.80
Kans	41.90	36.90	31.00	22.00	65.40	63.50
Ky	41.50	38.50	18.30	18.10	57.30	60.30
La	42.90	37.00	29.00	23.00	65.00	62.00
Maine	44.00	37.00	34.00	42.00	81.00	74.00
Md	43.60	40.10	20.30	20.90	60.50	59.70
Mass	44.00	37.00	39.00	42.00	85.00	77.00
Mich	42.90	38.80	28.00	27.90	66.60	63.20
Minn	42.00	38.30	24.60	17.00	66.90	63.20
Miss	42.40	38.70				
Mo	40.90	37.40	24.10	25.70	64.80	61.90
Mont	39.50	37.20	24.40	17.70	68.20	61.70
Nebr	41.90	38.10	25.30	24.50	66.70	64.30
Nev	41.30	38.70	18.10	16.90	61.50	60.70
N.H.	44.00	37.00	36.00	39.00	84.00	81.00
N.J.	41.30	35.70	37.00	32.00	60.00	58.00
N. Mex	42.80	39.10	27.80	22.60	71.90	61.90
N.Y.	43.20	39.00	20.90	22.30	68.20	67.00
N.C.	42.30	37.60	26.80	22.00	55.00	54.00
N. Dak	40.80	35.00	24.50	24.60	68.20	61.90
Ohio	43.00	38.10	27.50	25.30	65.30	62.60
Okla	41.20	37.20	20.80	15.00	69.40	62.00
Oreg	42.80	36.30	17.70	13.70	62.70	60.40
Pa	43.00	38.90	29.30	25.00	74.40	62.60
R.I.	44.00	37.00				
S.C.	41.80	37.30				
S. Dak	41.30	37.90	23.80	30.90	70.10	64.40
Tenn	41.70	38.20	18.00	19.50	54.10	62.10
Tex	39.70	35.90	29.40	22.70	69.10	66.70
Utah	40.30	36.70	19.20	16.50	63.80	61.60
Vt	44.00	37.00	36.00	43.00	81.00	76.00
Va	42.50	38.70	23.00	20.00	63.00	61.00
Wash	43.80	40.60	13.80	10.00	64.30	63.00
W. Va	38.70	37.80	23.70	20.70	61.60	61.60
Wis	41.40	38.00	19.80	16.20	62.50	63.60
Wyo	39.40	37.00	32.00	20.20	69.60	64.70
U.S.	41.80	38.00	26.30	21.10	66.70	63.60

<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 with allowance, where necessary, for sale of bulls for slaughter.

<sup>3</sup> December of preceding year through November.

Statistical Reporting Service.

**Table 493.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1966–80**

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>	Pulled wool production	
						Average weight per skin	Total
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Pounds</i>	<i>1,000 Pounds</i>
1966	22,923	8.51	195,053	52.1	101,204	3.43	24,100
1967	22,056	8.57	188,984	39.8	75,177	3.44	22,400
1968	20,759	8.55	177,396	40.5	71,778	3.43	20,500
1969	19,584	8.46	165,749	41.8	69,516	3.46	17,100
1970	19,163	8.43	161,587	35.4	57,162	3.40	15,200
1971	19,036	8.41	160,156	19.6	31,416	3.46	12,000
1972	18,770	8.44	158,506	35.0	55,496	3.40	9,700
1973	17,425	8.25	143,738	82.7	118,839	3.49	8,000
1974	15,956	8.24	131,382	59.2	77,788	3.31	5,700
1975	14,403	8.30	119,535	44.8	53,505	3.33	6,000
1976	13,536	8.21	111,100	66.0	73,332	3.32	4,850
1977	13,217	8.12	107,328	72.0	77,276	3.28	2,450
1978	12,719	8.09	102,942	74.5	76,690	3.16	1,000
1979	13,068	8.02	104,860	86.3	90,531	3.20	900
1980 <sup>4</sup>	13,249	7.96	105,452	88.1	92,862	3.08	1,050

  

Year	Total wool production	Apparel wool (clean content)				Carpet wool imports for consumption (clean content) <sup>7</sup>
		Domestic production <sup>5</sup>	Exports domestic wool <sup>6</sup>	Imports for consumption <sup>7</sup>	Total new supply <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>
1966	219,153	110,609	86	162,537	273,060	114,625
1967	211,384	106,475	102	109,071	215,444	78,205
1968	197,896	99,563	543	129,787	228,737	119,599
1969	182,849	91,528	196	93,523	184,855	95,664
1970	176,787	88,158	200	79,810	167,768	73,325
1971	172,156	85,142	6,318	42,682	121,506	83,893
1972	168,206	90,762	11,224	24,790	104,328	71,849
1973	151,738	81,726	3,726	19,601	97,601	40,524
1974	137,082	73,525	4,271	11,799	81,053	15,148
1975	125,535	67,488	7,674	16,605	76,419	17,021
1976	115,950	62,197	1,130	38,387	99,454	19,076
1977	109,778	58,455	385	36,303	94,373	22,555
1978	103,942	55,082	425	27,000	81,657	23,404
1979	105,760	56,022	313	20,283	75,992	22,047
1980 <sup>4</sup>	106,502	56,444	304	30,491	86,631	25,992

<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 factors from grease basis to clean basis are as follows: Shorn wool production—47.7 percent (Stat. Bull. 362) from 1966–1971, and 52.8 percent (Stat. Bull. 616) from 1972–1980; pulled wool production—72.9 percent.

<sup>6</sup> Includes carpet wool exports.

<sup>7</sup> Apparel wool includes all dutiable wool; carpet wool includes all duty-free wool.

<sup>8</sup> Production minus exports plus imports; stocks not taken into consideration.

Economic Research Service and Statistical Reporting Service. Imports and exports from reports of the U.S. Department of Commerce.

Table 494.—Wool: Production in specified countries, greasy basis, 1978-80<sup>1</sup>

Continent and country	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>	Continent and country	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <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>
North America:				Soviet Union	460.0	470.0	485.0
Canada <sup>3</sup>	0.9	1.2	1.3	Africa:			
Mexico	3.6	3.6	3.1	Egypt	4.0	4.0	4.0
United States <sup>4</sup>	46.2	47.6	47.8	Morocco	12.0	12.6	12.7
Total	50.7	52.4	52.7	South Africa <sup>5</sup>	113.4	109.0	110.0
South America:				Total	129.4	125.6	126.7
Argentina	170.8	172.1	172.0	Asia:			
Brazil	28.0	29.0	27.2	China	61.0	61.0	61.0
Chile	19.3	19.7	19.7	India	34.2	34.5	34.5
Columbia	1.2	1.3	1.3	Iraq	18.5	18.5	18.5
Peru	8.4	8.4	8.1	Israel	4	4	4
Uruguay	65.8	66.2	71.6	Pakistan	36.2	39.9	40.0
Total	293.5	296.7	299.9	Turkey	56.7	57.5	58.0
Europe:				Total	207.0	211.8	212.4
Belgium and Luxembourg	.9	.9	1.1	Oceania:			
Denmark	.2	.2	.2	Australia	709.2	731.0	712.0
France	22.6	26.2	26.7	New Zealand	310.8	320.6	343.0
Greece	4.6	4.6	4.6	Total	1,020.0	1,051.6	1,055.0
Germany, Fed. Rep. of	8.7	8.8	8.8	World total <sup>6</sup>	2,432.6	2,485.8	2,513.7
Ireland	13.0	13.2	13.4				
Italy	2.4	2.4	2.4				
Netherlands	49.2	48.3	50.0				
United Kingdom	8.8	9.0	9.1				
Total EC	110.4	113.6	166.3				
Austria	.5	.6	.6				
Norway	4.8	5.0	5.9				
Portugal	9.3	9.5	9.8				
Spain	29.0	29.5	30.0				
Sweden	.9	.9	.9				
Switzerland	.7	.7	.7				
Total Western Europe	155.6	159.8	163.9				
Bulgaria	33.0	33.0	33.0				
Czechoslovakia	3.6	3.6	3.6				
German Dem. Rep.	11.0	11.1	11.2				
Hungary	10.8	11.1	11.1				
Poland	12.8	13.6	13.2				
Romania	35.0	35.0	35.0				
Yugoslavia	10.2	10.5	11.0				
Total Eastern Europe	116.4	117.9	118.1				
Total Europe	272.0	277.7	282.0				

<sup>1</sup> Includes shorn wool, pulled wool, and wool exported on skins, with the latter two converted to a greasy basis. Wool produced in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or Oct. 1 of the same year in the Southern Hemisphere.

<sup>2</sup> Preliminary and subject to revision.

<sup>3</sup> Does not include pulled wool.

<sup>4</sup> Includes pulled wool converted to greasy basis using 1.7 as conversion factor.

<sup>5</sup> Includes Republic of South Africa, Lesotho, and Namibia (South-West Africa).

<sup>6</sup> Totals may not add due to rounding.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 495.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1978–80

State	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>2</sup>			Shorn wool production			Price per pound			Value of production <sup>3</sup>		
	1978	1979	1980 <sup>4</sup>	1978	1979	1980 <sup>4</sup>	1978	1979	1980 <sup>4</sup>	1978	1979	1980 <sup>4</sup>	1978	1979	1980 <sup>4</sup>
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Alaska	2.9	3.0	3.3	9.7	10.7	11.5	28	32	38	74	91	85	21	29	32
Ariz. <sup>5</sup>	354	350	326	7.3	7.2	7.1	2,593	2,511	2,329	60	69	77	1,556	1,733	1,793
Calif. <sup>6</sup>	1,310	1,364	1,402	7.7	7.7	7.5	10,117	10,503	10,478	73	85	88	7,385	8,928	9,221
Colo. <sup>5</sup>	1,007	1,130	1,100	7.6	7.6	7.6	7,689	8,533	8,338	73	86	89	5,613	7,338	7,421
Conn.	5.2	5.3	5.3	7.7	6.8	7.0	40	36	37	72	82	85	29	30	31
Idaho <sup>5</sup>	489	473	477	10.2	10.5	10.1	4,999	4,971	4,855	74	84	90	3,699	4,176	4,352
Ill. <sup>5</sup>	181	181	189	7.2	7.1	7.0	1,298	1,286	1,327	69	73	69	896	939	916
Ind. <sup>5</sup>	139	121	117	7.4	7.3	7.2	1,032	883	846	64	68	67	660	600	567
Iowa <sup>5</sup>	412	453	475	7.1	7.3	7.2	2,909	3,328	3,427	69	74	70	2,007	2,463	2,399
Kans. <sup>5</sup>	236	245	227	7.3	7.3	7.5	1,712	1,784	1,699	69	78	77	1,181	1,392	1,308
Ky	23	21	20	7.0	7.2	7.0	161	151	140	66	71	70	106	107	98
La	13	12	10	6.3	6.2	6.1	82	74	61	60	68	80	49	50	49
Maine	11	11	12	6.9	6.8	6.8	76	75	82	74	80	85	56	60	70
Md	18	18	18	7.2	7.1	6.9	130	128	124	75	82	75	98	105	93
Mass	6.3	6.6	6.8	6.8	6.8	6.9	43	45	47	74	84	88	32	38	41
Mich. <sup>5</sup>	128	118	122	8.1	7.9	7.8	1,040	934	950	67	73	74	697	682	703
Minn. <sup>5</sup>	243	252	265	7.6	7.7	7.3	1,857	1,933	1,945	67	71	73	1,244	1,372	1,420
Mo. <sup>5</sup>	126	127	133	7.4	7.3	7.1	928	928	942	69	75	70	640	696	659
Mont. <sup>5</sup>	469	510	524	10.1	9.7	9.8	4,715	4,970	5,156	81	94	99	3,819	4,672	5,104
Nebr. <sup>5</sup>	198	235	260	7.2	6.7	6.7	1,420	1,586	1,748	69	75	74	980	1,190	1,294
Nev. <sup>5</sup>	110	109	108	10.4	10.3	10.0	1,144	1,123	1,080	69	84	88	789	943	950
N.H.	6.7	6.6	6.7	6.7	6.7	6.9	45	44	46	75	82	93	34	36	43
N.J.	7.4	8.5	8.7	7.0	6.8	6.9	52	58	60	73	82	73	98	48	44
N. Mex. <sup>5</sup>	532	545	555	9.6	9.1	9.2	5,092	4,978	5,080	73	92	90	3,717	4,580	4,572
N.Y.	54	55	56	7.1	7.2	7.4	381	396	414	75	85	80	286	337	331
N.C.	7	6	6.5	6.4	6.8	7.1	45	41	46	72	80	76	32	33	35
N. Dak. <sup>5</sup>	169	175	207	9.9	9.7	9.6	1,670	1,704	1,981	74	82	84	1,236	1,397	1,664
Ohio <sup>5</sup>	365	345	313	7.6	7.4	7.3	2,769	2,552	2,290	67	72	75	1,855	1,837	1,718
Okla. <sup>5</sup>	78	86	89	7.4	7.6	7.2	576	650	645	66	75	75	380	488	484
Oreg. <sup>5</sup>	485	565	555	7.2	6.7	7.0	3,480	3,777	3,880	76	85	83	2,645	3,210	3,220
Pa	95	93	98	7.1	7.1	6.9	675	660	676	76	85	78	513	561	527
S. Dak. <sup>5</sup>	743	765	755	9.1	8.9	9.2	6,725	6,818	6,982	76	84	88	5,111	5,727	6,144
Tenn.	12	11	10	6.0	5.9	5.7	72	65	57	75	79	73	54	51	42
Tex. <sup>5</sup>	2,700	2,720	2,700	6.9	7.0	6.8	18,500	19,075	18,300	83	97	97	15,355	18,503	17,751
Utah <sup>5</sup>	536	563	595	10.4	10.2	10.0	5,567	5,717	5,923	70	88	90	3,897	5,031	5,330
Vt.	7.3	7.5	7.8	7.5	7.2	7.2	55	54	56	76	85	82	42	46	46
Va	150	145	146	6.3	6.3	6.4	945	914	934	81	90	81	765	823	757
Wash	74	76	80	9.7	9.0	9.7	718	683	779	70	81	82	503	553	639
W. Va	114	105	107	5.8	5.9	5.8	661	620	621	81	88	78	535	546	484
Wis.	77	93	113	7.6	7.8	7.5	584	724	848	68	72	72	397	521	611
Wyo. <sup>5</sup>	1,025	952	1,040	10.1	10.0	9.8	10,317	9,516	10,205	75	91	97	7,738	8,660	9,899
U.S.	12,719	13,068	13,249	8.09	8.02	7.96	102,942	104,860	105,452	75	86	88	76,690	90,531	92,862

See footnotes on page 327.



**Table 496.—Wool: Price-support operations, United States, 1966–80**

Marketing year	Shorn wool price per pound		Payment rate		Marketings covered by payments <sup>3</sup>		Amount of payments <sup>4</sup>		
	Support	Season average received by producers	Average for shorn wool per pound <sup>1</sup>	Unshorn lambs per cwt. <sup>2</sup>	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1966	65	52.1	12.9	52	170	1,201	21.1	5.1	26.2
1967	66	39.8	26.2	105	189	1,150	47.8	9.9	57.7
1968	67	40.5	26.5	106	176	1,114	44.8	9.6	54.4
1969	69	41.8	27.2	109	160	1,035	41.5	9.1	50.6
1970	72	35.5	36.5	146	149	1,005	52.0	12.0	64.0
1971	72	19.4	52.6	210	169	978	85.0	17.3	102.3
1972	72	35.0	37.0	148	158	957	55.8	11.8	67.6
1973	72	82.7							
1974	72	59.1	12.9	52	95	613	11.6	2.9	14.5
1975	72	44.7	27.3	109	135	571	35.1	5.7	40.8
1976	72	65.7	6.3	25	96	471	5.8	1.2	7.0
1977	99	72.0	27.0	108	96	424	24.3	4.6	28.9
1978	108	74.5	33.5	134	92	386	29.6	5.2	34.8
1979	115	86.3	28.7	115	92	370	26.5	4.5	31.0
1980	1.23	88.1	34.9	140					

<sup>1</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketings of shorn wool.  
<sup>2</sup> For unshorn lambs sold.  
<sup>3</sup> Unadjusted for weight of unshorn lambs produced.  
<sup>4</sup> Payments for wool produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

**Table 497.—Wool: Average price per pound, clean basis, delivered to United States mills, 1966–80**

Year	Territory <sup>1</sup>		Fleece % blood good French combing and staple <sup>2</sup>	Australian 64's good topmaking (in bond, American yield)
	Fine good French combing and staple	% blood good French combing and staple		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1966	135	125	117	126
1967	122	98	91	115
1968	121	96	84	118
1969	122	96	86	117
1970 <sup>3</sup>	103	89	87	94
1971	66	65	66	80
1972	116	94	93	132
1973	250	167	159	304
1974	176	126	119	217
1975	150	96	86	180
1976 <sup>4</sup>	182	143	136	192
1977	183	161	158	202
1978	189	168	164	208
1979	218	182	175	251
1980	245	195	186	289

<sup>1</sup> Wool grown in the range areas of Oregon, Washington, 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.

<sup>2</sup> Most wool grown in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, and parts of Minnesota, Wisconsin, Iowa, and Missouri is somewhat dark in color and of moderately heavy shrinkage. Most of that grown in the States which are east of the Mississippi river and in parts of Minnesota, Iowa, and Missouri is bright in color and of relatively light shrinkage.

<sup>3</sup> Beginning January 1970 reported as Australia Type 62-64's.

<sup>4</sup> Beginning January 1976, the unit designation terminology for wool prices changed to microns. For example, Fine good French combing and staple now reads as 64's (20.60-22.04 microns) Staple 2¾" and up French combing 2¾"-2¾". For fleece % blood good French combing and staple, there are now two designations as follows: 56's (26.40-27.84 microns) and 58's (24.95-26.39 microns) staple 3¾" and up. An average of the two is given in the price data here.

Economic Research Service.

**Table 498. — Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1971–80<sup>1</sup>**

Item	1971	1972	1973	1974	1975 <sup>2</sup>	1976	1977	1978	1979	1980 <sup>3</sup>
Apparel wool: <sup>4</sup>										
Woolen system: <sup>5</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>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
60's and finer . . . . .	14.8	19.9	13.6	10.9	15.7	20.6	22.3	24.4	29.0	28.2
50's up to 60's <sup>6</sup> . . . . .	21.7	26.7	24.7	18.9	25.3	29.2	26.3	28.6	28.3	28.8
48's and coarser . . . . .	3.9	3.6	3.4	3.2	.....	.....	.....	.....	.....	.....
Total . . . . .	40.4	50.2	41.7	33.0	41.0	49.8	48.6	53.0	57.4	57.0
Worsted system:										
60's and finer . . . . .	37.7	54.6	40.2	23.8	34.1	34.9	27.6	32.7	27.2	35.5
Coarser than 60's . . . . .	38.1	37.4	28.0	18.0	19.0	21.9	19.3	16.5	21.9	20.9
Total . . . . .	75.8	92.0	68.2	41.8	53.1	56.8	46.9	49.2	49.2	56.4
Total apparel:										
60's and finer . . . . .	52.5	74.5	53.8	34.8	49.8	55.5	49.9	57.2	56.3	63.8
Coarser than 60's . . . . .	63.7	67.7	56.1	40.1	44.3	51.1	45.6	45.1	50.3	49.6
Total . . . . .	116.2	142.2	109.9	74.9	94.1	106.6	95.5	102.3	106.5	113.4
Carpet wool <sup>7</sup> . . . . .	75.2	76.4	41.4	18.6	15.9	15.1	12.5	13.0	10.5	9.1

<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> 53 weeks.

<sup>3</sup> Preliminary.

<sup>4</sup> Domestic and duty-paid foreign.

<sup>5</sup> Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

<sup>6</sup> Beginning 1975, 50's up to 60's and 48's and coarser combined.

<sup>7</sup> Duty-free foreign.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 499. — Wool: United States imports (for consumption), clean content, by grades, 1971–80<sup>1</sup>**

Grade	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980 <sup>2</sup>
Dutiable: <sup>3</sup>										
56's and finer <sup>4</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>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
46's to 56's <sup>5</sup> . . . . .	30.7	21.4	15.7	8.1	13.7	32.7	27.1	19.8	14.1	27.2
40's to 46's <sup>6</sup> . . . . .	7.1	1.1	1.0	.9	.6	1.6	3.2	7.2	6.2	3.3
Not finer than 40's . . . . .	1.5	.9	.7	.9	.6	.8	1.5	.....	.....	.....
Named and similar wools . . . . .	3.2	1.2	1.9	1.8	1.6	3.1	4.2	.....	.....	.....
Total . . . . .	.2	.2	.3	.1	.1	.2	.3	.....	.....	.....
Duty-free: <sup>3</sup>										
Named and similar wools . . . . .	42.7	24.8	19.6	11.8	16.6	38.4	36.3	27.0	20.3	30.5
Other										
Not finer than 40's . . . . .	6.2	7.9	5.7	.5	.9	1.1	1.2	1.6	2.0	1.8
40's to 44's . . . . .	53.3	43.3	26.9	10.3	13.1	14.7	16.9	12.8	10.2	10.1
44's to 46's <sup>7</sup> . . . . .	22.7	16.9	6.9	3.4	2.3	2.3	3.8	4.7	5.6	7.9
Total . . . . .	1.7	3.7	1.1	.9	.7	1.0	.8	4.3	4.2	6.3
Total . . . . .	83.9	71.8	40.6	15.1	17.0	19.1	22.7	23.4	22.0	26.0

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition. <sup>2</sup> Preliminary. <sup>3</sup> Beginning November 1977 duty-free wools include and are limited to all 46's and coarser grades of wool by Public Law 95-162. Beginning January 1978 Bureau of Census data combined duty-free 46's and dutiable 48's wools. In recent years prior to the combination, imports of 48's were negligible compared with 46's. <sup>4</sup> Finer than 58's beginning in 1978. <sup>5</sup> 50's through 58's beginning in 1978. <sup>6</sup> Beginning in November 1977 duties were suspended through June 30, 1980. <sup>7</sup> Beginning in 1978 through June 30, 1980 the totals include all wools grading 48's and coarser except for named wools.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 500.—Wool (actual weight): International trade, 1978–80

Country	1978 <sup>1</sup>		1979 <sup>1</sup>		1980 <sup>1</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
<b>North America:</b>						
Canada	0.5	3.9	0.3	5.3	0.4	5.0
Mexico	.....	3.0	.....	4.5	.....	4.5
United States	2.2	28.5	2.2	24.0	2.2	33.0
<b>Total<sup>3</sup></b>	<b>.7</b>	<b>35.4</b>	<b>.5</b>	<b>33.8</b>	<b>.6</b>	<b>42.5</b>
<b>South America:</b>						
Argentina	78.0	.....	80.0	.....	80.0	.....
Brazil	5.1	1	2.3	.....	1.9	.....
Chile	10.6	1	12.9	5	13.0	5
Colombia	.....	3.6	.....	1.9	.....	2.3
Peru	1.8	.....	1.7	.....	1.5	.....
Uruguay	31.9	.....	39.3	.....	40.4	.....
<b>Total<sup>3</sup></b>	<b>127.4</b>	<b>3.8</b>	<b>136.2</b>	<b>2.4</b>	<b>136.8</b>	<b>2.8</b>
<b>Europe:</b>						
Belgium-Luxembourg	8.2	51.5	7.9	54.5	8.0	55.0
Denmark	1	3.3	4	4.5	4	5.0
France	35.7	114.2	37.7	128.7	38.0	120.0
Greece	6	16.1	5	16.0	5	16.5
Germany, Fed. Rep. of	7.4	60.6	9.3	71.8	9.0	70.0
Ireland	7.6	7.2	8.6	7.2	8.0	7.2
Italy	3.7	92.5	4.5	115.3	4.0	100.0
Netherlands	5.7	8.2	5.5	8.0	5.5	8.0
United Kingdom	27.5	148.7	31.9	121.5	35.0	130.0
<b>Total EC<sup>3</sup></b>	<b>96.5</b>	<b>502.3</b>	<b>106.3</b>	<b>527.5</b>	<b>108.4</b>	<b>511.7</b>
Austria	.1	3.9	.1	4.5	.2	4.7
Norway	2.0	.9	2.0	.8	2.0	.8
Portugal	2	2.7	3	6.1	4	4.0
Spain	17.6	13.2	12.0	15.0	15.0	14.0
Sweden	.8	1.2	.8	1.2	.8	1.2
Switzerland	.7	7.0	1.0	6.0	.7	6.0
<b>Total Western Europe<sup>3</sup></b>	<b>117.9</b>	<b>531.2</b>	<b>122.5</b>	<b>561.1</b>	<b>127.5</b>	<b>542.4</b>
Bulgaria	.5	.7	.5	.7	.5	.7
Czechoslovakia	.8	18.0	.8	18.0	.8	18.0
German Dem. Rep.	.....	11.9	.....	12.7	.....	12.6
Hungary	.6	2.9	.6	2.9	.6	2.9
Poland	.....	21.8	.....	20.2	.....	22.0
Romania	.1	3.0	.1	3.0	.1	3.0
Yugoslavia	.7	15.2	1.0	14.0	1.0	14.0
<b>Total Eastern Europe<sup>3</sup></b>	<b>2.7</b>	<b>73.5</b>	<b>3.0</b>	<b>71.5</b>	<b>3.0</b>	<b>73.2</b>
<b>Total Europe<sup>3</sup></b>	<b>120.6</b>	<b>604.7</b>	<b>125.5</b>	<b>632.6</b>	<b>130.5</b>	<b>615.6</b>
<b>Soviet Union</b>	<b>1.8</b>	<b>127.0</b>	<b>1.6</b>	<b>130.0</b>	<b>1.5</b>	<b>133.0</b>
<b>Africa:</b>						
Egypt	.8	10.0	.8	10.0	.8	10.0
Morocco	.....	4.9	.....	5.2	.....	3.5
South Africa <sup>4</sup>	87.6	.8	73.1	1.3	65.0	1.0
<b>Total</b>	<b>88.4</b>	<b>15.7</b>	<b>73.9</b>	<b>16.5</b>	<b>65.8</b>	<b>14.5</b>

See footnotes at end of table.

Table 500.—Wool (actual weight): International trade, 1978–80—Continued

Country	1978 <sup>1</sup>		1979 <sup>1</sup>		1980 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<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>
Asia:						
India .....	1.0	11.5	1.0	11.0	1.0	11.0
Israel .....		2.1		2.0		2.0
Japan .....		201.9		213.3		200.0
Korea, Rep. of .....		21.6		24.2		28.0
Pakistan .....	7.4	1.4	7.5	1.4	7.5	1.4
Taiwan .....	1.0	17.0	1.0	17.0	1.0	17.0
Turkey .....		5.4		6.5		7.0
Total Asia .....	9.4	260.9	9.5	275.4	9.5	266.4
Oceania:						
Australia <sup>5</sup> .....	626.7	9.3	669.0	9.0	668.0	9.0
New Zealand <sup>5</sup> .....	291.9		297.0		310.0	
Total Oceania .....	918.6	9.3	966.0	9.0	978.0	9.0
Total selected countries <sup>3</sup> .....	1,266.9	1,056.8	1,311.6	1,099.7	1,322.7	1,083.8

<sup>1</sup> Preliminary and subject to revision.<sup>2</sup> Washed, scoured, or clean basis.<sup>3</sup> Includes allowances for missing data for countries shown and data for minor exporting and importing countries not shown.<sup>4</sup> Includes exports from Namibia (South-West Africa) and Lesotho.<sup>5</sup> Excludes wool on the skins, and re-exports where possible; imports in most cases refer to gross imports.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 501.—Wool: United States imports (for consumption), clean content, by country of origin, 1971–80<sup>1</sup>

Country of origin	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980 <sup>2</sup>
Dutiable:	<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 .....	1.8	0.3	1.2	1.0	1.5	4.3	4.4	3.2	1.7	3.9
Australia .....	23.4	16.7	9.4	5.8	11.9	28.4	21.7	21.2	16.0	22.8
New Zealand .....	6.6	2.7	3.1	3.3	2.1	4.2	6.3	1.6	.8	1.1
South Africa .....	4.3	4.1	3.4	1.1	.7	.5	.5	.3	.4	.2
Uruguay .....	4.1	.1	.2	.2	.1	.1	.2	.3	.5	1.2
Other .....	2.5	.9	.7	.4	.3	.9	3.2	.4	.9	1.3
Total .....	42.7	24.8	18.0	11.8	16.6	38.4	36.3	27.0	20.3	30.5
Duty-free:										
Argentina .....	13.6	9.4	3.2	.6	1.7	1.7	2.7	3.2	3.3	2.3
Iraq .....	.6	1.9	1.3	.4	.1	.6	.3	.4	.3	.4
New Zealand .....	53.4	45.0	28.3	12.3	11.6	11.2	15.9	16.2	15.0	20.2
Pakistan .....	.4	.3	.4							
Syria .....	.7	1.5	1.5		.3	.6	.3	.7	.2	.2
United Kingdom .....	8.5	7.9	3.5	1.7	2.5	2.3	2.0	2.1	2.3	1.7
Other .....	6.7	5.8	2.3	.1	.8	2.7	1.5	.8	.9	1.2
Total .....	83.9	71.8	40.5	15.1	17.0	19.1	22.7	23.4	22.0	26.0
Grand total .....	126.6	96.6	58.5	26.9	33.6	57.1	59.0	50.4	42.3	56.5

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.<sup>2</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 502.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, United States, 1966–80<sup>1</sup>**

Year	Goats clipped <sup>2</sup>	Average clip per goat	Mohair production	Price per pound	Value of production <sup>3</sup>	Year	Goats clipped <sup>2</sup>	Average clip per goat	Mohair production	Price per pound	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>		<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966	4,659	6.3	29,576	53.7	15,896	1974	1,175	7.1	8,400	137.0	11,508
1967	4,113	6.6	27,127	40.9	11,100	1975	1,215	7.1	8,600	185.0	15,910
1968	3,966	6.6	26,022	45.2	11,754	1976	1,100	7.4	8,100	297.0	24,057
1969	3,174	6.6	20,810	65.1	13,549	1977	1,215	6.5	8,000	287.0	22,960
1970	2,891	6.5	18,677	39.1	7,299	1978	1,188	6.8	8,100	459.0	37,179
1971	2,189	6.8	14,885	30.1	4,480	1979	1,275	7.3	8,300	510.0	47,430
1972	1,521	6.7	10,190	83.0	8,458	1980	1,240	7.1	8,800	350.0	30,800
1973	1,450	6.8	9,930	187.0	18,569						

<sup>1</sup>Includes Arizona, California, Missouri, New Mexico, Texas, Oregon, and Utah, 1966–70; beginning 1971, Texas only.  
<sup>2</sup>In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.

<sup>3</sup>Production multiplied by price per pound.

Statistical Reporting Service.

**Table 503.—Mohair: Price-support operations, United States, 1966–80**

Marketing year	Price per pound		Average payment rate per pound <sup>1</sup>	Marketings covered by payments	Amount of payments <sup>2</sup>
	Support	Season average received by producers			
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million dollars</i>
1966	75.8	53.7	22.1	29.1	6.5
1967	76.4	40.9	35.5	32.1	11.5
1968	77.4	45.2	32.2	33.0	10.6
1969	77.4	65.1	12.3	15.9	2.0
1970	80.2	39.1	41.1	19.1	7.8
1971	80.2	30.1	50.1	20.0	10.0
1972	80.2	81.4			
1973	80.2	187.0			
1974	80.2	137.0			
1975	80.2	185.0			
1976	80.2	297.0			
1977	149.8	287.0			
1978	164.7	459.0			
1979	194.3	510.0			
1980	290.3	350.0			

<sup>1</sup>Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of mohair.

<sup>2</sup>Payments for mohair produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

Table 504.—Red meat and lard: Production, by class of slaughter, United States, 1966–80

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>
1966	16,220	3,272	19,493	201	19,694	9,662	1,468	11,130	198	11,328
1967	16,829	3,162	19,991	193	20,184	10,750	1,627	12,377	195	12,572
1968	17,850	2,812	20,662	184	20,846	11,330	1,536	12,867	188	13,055
1969	18,474	2,486	20,960	166	21,126	11,563	1,211	12,774	172	12,946
1970	19,152	2,320	21,472	180	21,652	12,114	1,134	13,248	181	13,429
1971	19,373	2,324	21,697	171	21,868	13,452	1,155	14,606	177	14,783
1972	20,241	1,978	22,218	169	22,387	12,551	908	13,460	171	13,631
1973	19,294	1,794	21,088	189	21,277	11,879	699	12,578	173	12,751
1974	20,937	1,907	22,844	294	23,138	12,856	727	13,583	222	13,805
1975	21,626	2,045	23,671	303	23,974	10,733	581	11,314	189	11,503
1976	23,726	1,941	25,667	302	25,969	11,699	519	12,219	196	12,415
1977	23,364	1,622	24,986	293	25,279	12,518	533	13,051	196	13,247
1978	22,623	1,387	24,010	232	24,242	12,689	520	13,209	184	13,393
1979	20,059	1,202	21,261	185	21,446	14,668	602	15,270	180	15,450
1980	20,273	1,197	21,470	174	21,644	15,742	689	16,431	184	16,615
	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>
1966	490	372	862	48	910	581	58	639	11	650
1967	423	326	749	43	792	574	62	636	10	646
1968	420	276	696	38	734	545	47	592	10	602
1969	400	241	640	33	673	510	30	540	10	550
1970	337	220	558	30	588	514	26	540	11	551
1971	324	192	516	30	546	522	22	544	11	555
1972	283	146	429	30	459	515	19	533	10	543
1973	210	115	325	32	357	486	17	504	10	514
1974	285	157	442	44	486	440	14	454	11	465
1975	494	333	827	46	873	385	14	399	11	410
1976	563	250	813	40	853	349	12	361	10	371
1977	569	225	794	40	834	330	11	341	10	351
1978	447	153	600	32	632	290	10	300	9	309
1979	315	95	410	24	434	275	9	284	9	293
1980	296	83	379	21	400	299	11	310	8	318
	All meat, excluding lard					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>
1966	26,953	5,170	32,124	458	32,582	1,695	202	1,997	32	1,929
1967	28,576	5,177	33,753	441	34,194	1,835	208	2,044	32	2,076
1968	30,145	4,671	34,817	420	35,237	1,862	169	2,032	30	2,062
1969	30,947	3,968	34,914	381	35,295	1,755	125	1,879	25	1,905
1970	32,117	3,700	35,818	402	36,220	1,776	112	1,888	25	1,913
1971	33,671	3,693	37,363	389	37,752	1,830	106	1,936	24	1,960
1972	33,590	3,051	36,640	380	37,020	1,465	77	1,541	20	1,561
1973	31,869	2,625	34,495	404	34,899	1,181	54	1,235	18	1,253
1974	34,518	2,805	37,323	571	37,894	1,289	55	1,344	22	1,366
1975	33,238	2,973	36,211	549	36,760	956	39	995	17	1,012
1976	36,337	2,722	39,060	548	39,608	1,010	34	1,044	17	1,061
1977	36,781	2,391	39,172	539	39,711	994	27	1,021	16	1,037
1978	36,049	2,070	38,119	457	38,576	968	23	991	15	1,006
1979	35,317	1,908	37,225	398	37,623	1,112	29	1,141	14	1,155
1980	36,611	1,979	38,590	387	38,977	1,173	30	1,203	14	1,217

<sup>1</sup>Totals are based on unrounded data.

Statistical Reporting Service.

**Table 505.—Meat and meat food products: Quantity prepared and processed under Federal inspection, United States, fiscal year, 1980<sup>1</sup>**

Product	Fiscal year 1980	Product	Fiscal year 1980
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Cured:		Convenience foods (frozen and/or unfrozen):	
Beef .....	264,830	Pizza .....	487,084
Pork .....	4,652,630	Pies .....	164,645
Other meats .....	41,242	Dinners .....	238,732
Smoked, dried, or cooked:		Entrees .....	327,772
Bacon .....	1,775,136	Other .....	274,739
Hams .....	1,873,486	Miscellaneous meat products:	
Pork .....	527,322	Cured meat loaves .....	103,749
Beef .....	272,673	Non-specific loaves .....	187,450
Other smoked .....	303,523	Meat patties .....	471,054
Fresh/frozen products:		Other formulated products .....	199,933
Beef cuts .....	10,152,115	Horse and equine product .....	40,297
Pork cuts .....	13,693,720	Animal food .....	18
Other cuts .....	472,162		
Beef, boned .....	6,351,347	Total .....	62,537,165
Pork, boned .....	4,371,408	Fats and oils:	
Other, boned .....	267,038	Lard, rendered .....	1,178,043
Steaks, chops, roasts (chopped/formed) .....	3,152,859	Lard, refined .....	791,324
Hamburger/ground beef .....	2,843,379	Tallow, edible .....	1,345,023
Mechanically processed beef product .....	969	Compound containing animal fat .....	1,178,505
Mechanically processed pork product .....	161	Oleomargarine containing animal fat .....	126,550
Mechanically processed other product .....	956		
Other, fresh/frozen .....	948,908	Total .....	4,619,445
Sausage:		Total all products (includes canned) .....	70,110,321
Fresh .....	1,131,296		
Uncooked cured .....	13,136		
Dried/semi-dried .....	335,763		
Frankfurters/wieners .....	1,482,390		
Bologna .....	830,069		
Liver sausage and braunschweiger .....	121,798		
Other .....	788,453		
Sliced/packaged product:			
Sausage, loaves, luncheon meat .....	986,971		
Ham .....	334,624		
Bacon .....	1,675,408		
Other .....	375,920		

<sup>1</sup>Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Inspection Service.

**Table 506.—Canned meat products: Quantity produced under Federal inspection, United States, fiscal year, 1980<sup>1</sup>**

Product	Fiscal year 1980	Product	Fiscal year 1980
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Luncheon meat .....	265,932	Byproducts, other than pickled .....	4,807
Canned hams .....	311,142	Miscellaneous sausage product .....	24,026
Hash products .....	81,891	Corned beef .....	877
Chili con carne .....	323,856	Soups .....	678,918
Viennas .....	91,669	Pork shoulder picnics and loins .....	24,805
Frankfurters and wieners .....	2,202	All other meat and/or meat byproducts, 20% or more meat .....	187,571
Deviled ham .....	11,701	All other meat and/or meat byproducts, under 20% meat .....	289,224
Potted meat food products and spreads .....	36,908	Horse and equine product .....	17,923
Tamales .....	31,050	Animal food .....	0
Sliced dried beef .....	3,009		
Chopped beef, hamburgers .....	4,065	Total .....	2,953,711
Meat stew .....	136,974		
Pasta meat product .....	407,459		
Vinegar-pickled products .....	17,701		

<sup>1</sup>Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Inspection Service.

Table 507.—Meat: Production by types in specified countries, 1979 and 1980<sup>1</sup>

Continent and country	Beef and veal		Pork <sup>3</sup>		Mutton, lamb, and goat meat		Total meat production <sup>4</sup>	
	1979	1980 <sup>2</sup>	1979	1980 <sup>2</sup>	1979	1980 <sup>2</sup>	1979	1980 <sup>2</sup>
	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	1,000 metric tons
<b>North America:</b>								
Canada <sup>5</sup>	946.0	975.0	749.9	890.0	4.2	4.9	1,719.4	1,888.9
Costa Rica	81.8	67.0	7.0	7.1			88.8	74.1
Dominican Republic	39.0	43.0	23.0	11.5			62.0	54.5
El Salvador	39.5	39.6	13.0	13.8			52.5	53.4
Guatemala	96.4	90.1	15.6	16.2	.5	.5	112.5	106.7
Honduras	61.3	57.4	10.5	10.9			71.8	68.2
Mexico	1,025.0	1,055.0	430.0	470.0	56.2	56.5	1,540.2	1,608.7
Nicaragua	81.3	68.9	17.2	10.5			98.4	79.4
Panama	40.0	52.0	5.5	5.9			45.4	57.9
United States	9,924.7	9,999.1	7,008.1	7,536.5	132.9	144.2	17,119.8	17,735.0
<b>Total<sup>6</sup></b>	<b>12,335.0</b>	<b>12,447.1</b>	<b>8,279.7</b>	<b>8,972.4</b>	<b>193.8</b>	<b>206.1</b>	<b>20,910.8</b>	<b>21,726.8</b>
<b>South America:</b>								
Argentina <sup>5</sup>	3,091.8	2,865.0	259.0	266.0	129.3	120.0	3,524.4	3,284.5
Brazil <sup>5</sup>	2,100.0	2,200.0	900.0	1,050.0	47.5	47.5	3,092.5	3,335.0
Chile <sup>7</sup>	184.2	180.0	46.8	53.0	22.4	21.0	262.7	265.0
Colombia	600.6	607.6	120.1	125.5	10.6	11.0	731.3	744.0
Ecuador	86.8	89.4	42.8	47.3	9.6	9.8	139.2	146.4
Peru	78.0	74.0	55.0	58.0	33.0	32.5	166.0	164.5
Uruguay	265.8	329.0	15.5	15.0	26.1	34.0	308.4	378.9
Venezuela	234.5	336.8	76.0	76.8	3.8	3.9	314.3	417.4
<b>Total<sup>6</sup></b>	<b>6,641.8</b>	<b>6,681.7</b>	<b>1,515.3</b>	<b>1,691.5</b>	<b>282.3</b>	<b>279.7</b>	<b>8,538.8</b>	<b>8,735.8</b>
<b>Europe:</b>								
Belgium and Luxembourg	289.3	310.0	689.9	675.0	3.2	3.5	988.7	994.7
Denmark	253.0	240.0	898.7	980.0	.5	.5	1,154.6	1,222.9
France	1,824.3	1,795.0	1,685.6	1,682.0	167.9	179.4	3,718.7	3,693.6
Germany, Fed. Rep. of	1,519.0	1,563.0	2,688.0	2,725.0	28.0	30.0	4,421.0	4,325.0
Greece	98.5	97.7	135.5	143.4	118.7	119.2	352.7	360.2
Ireland	387.8	445.0	151.9	156.0	39.1	42.7	580.7	645.7
Italy	1,105.6	1,150.0	903.3	935.0	68.0	73.0	2,131.6	2,211.0
Netherlands	383.1	388.7	1,064.8	1,068.0	17.0	20.5	1,468.5	1,480.7
United Kingdom	1,042.0	1,096.0	968.0	950.0	230.0	269.0	2,247.2	2,322.0
<b>Total EC<sup>6</sup></b>	<b>6,902.5</b>	<b>7,085.4</b>	<b>9,185.7</b>	<b>9,314.4</b>	<b>672.3</b>	<b>737.8</b>	<b>16,883.7</b>	<b>17,255.8</b>
Austria <sup>8</sup>	193.1	204.4	360.3	356.8	2.2	2.4	556.1	536.9
Finland	109.9	112.4	163.9	176.0	.8	.8	275.5	290.0
Norway	72.6	73.7	80.6	83.2	18.6	19.3	172.6	177.0
Portugal	89.0	91.5	133.0	146.0	20.8	20.7	243.8	259.2
Spain	394.3	410.0	939.4	975.0	131.8	138.8	1,470.9	1,529.5
Sweden	151.6	157.7	313.5	317.7	4.8	4.9	472.6	482.9
Switzerland	161.4	174.0	263.5	285.0	4.3	4.6	430.6	464.8
<b>Total Western Europe<sup>6</sup></b>	<b>8,074.4</b>	<b>8,309.1</b>	<b>11,439.9</b>	<b>11,654.1</b>	<b>855.6</b>	<b>929.3</b>	<b>20,505.7</b>	<b>21,023.2</b>
Bulgaria	96.8	102.0	311.0	315.0	68.0	71.0	475.8	488.0
Czechoslovakia	365.0	365.0	573.0	590.0	7.2	7.2	946.2	963.2
German Dem. Rep.	383.0	385.0	1,037.0	1,050.0	20.0	21.0	1,440.0	1,456.0
Hungary	135.3	136.0	545.0	555.0	9.8	9.9	691.1	701.9
Poland	739.9	744.3	1,795.4	1,885.0	20.0	19.5	2,581.8	2,668.6
Yugoslavia	341.0	345.0	550.0	525.0	61.0	61.0	952.4	931.4
<b>Total Eastern Europe<sup>6</sup></b>	<b>2,061.0</b>	<b>2,077.3</b>	<b>4,811.4</b>	<b>4,920.0</b>	<b>186.0</b>	<b>189.6</b>	<b>7,087.2</b>	<b>7,209.1</b>
<b>Total Europe<sup>6</sup></b>	<b>10,135.4</b>	<b>10,386.4</b>	<b>16,251.3</b>	<b>16,574.1</b>	<b>1,041.6</b>	<b>1,118.9</b>	<b>27,592.9</b>	<b>28,232.2</b>
<b>Soviet Union</b>	<b>7,029.0</b>	<b>6,750.0</b>	<b>5,289.0</b>	<b>5,050.0</b>	<b>870.0</b>	<b>850.0</b>	<b>13,188.0</b>	<b>12,650.0</b>
<b>Africa:</b>								
South Africa	87.1	90.0	.7	.7	62.5	63.3	154.1	158.2
Morocco	642.4	604.9	80.0	79.1	181.7	180.2	904.2	864.2
<b>Total<sup>6</sup></b>	<b>729.5</b>	<b>694.9</b>	<b>80.7</b>	<b>79.8</b>	<b>244.2</b>	<b>243.4</b>	<b>1,058.2</b>	<b>1,022.4</b>

See footnotes at end of table.



Table 507. — Meat: Production by types in specified countries, 1979 and 1980<sup>1</sup> — Continued

Continent and country	Beef and veal		Pork <sup>3</sup>		Mutton, lamb, and goat meat		Total meat production <sup>4</sup>	
	1979	1980 <sup>2</sup>	1979	1980 <sup>2</sup>	1979	1980 <sup>2</sup>	1979	1980 <sup>2</sup>
	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	1,000 metric tons
Asia:								
India .....	192.3	196.0	67.2	73.6	370.0	380.0	629.5	649.6
Israel .....	19.2	20.9	9.2	8.0	6.1	3.8	34.5	32.7
Japan .....	402.0	402.0	1,430.0	1,475.0	.1	.1	1,836.4	1,881.1
Korea, Rep. of .....	118.5	126.5	218.7	235.0	1.2	1.2	338.4	362.7
Philippines .....	123.8	126.8	376.9	408.3	6.0	6.1	507.3	541.7
Taiwan .....	8.5	4.9	685.6	676.8	.6	.6	694.8	682.3
Turkey .....	158.3	155.0	.3	.3	318.0	309.0	479.0	466.6
Total <sup>6</sup> .....	1,022.7	1,032.1	2,787.9	2,876.9	702.0	700.8	4,519.9	4,616.7
Oceania:								
Australia .....	1,767.9	1,524.0	204.6	230.0	532.1	526.9	2,504.6	2,280.9
New Zealand .....	511.6	505.0	38.7	38.6	514.4	570.0	1,064.7	1,113.6
Total <sup>6</sup> .....	2,279.5	2,029.0	243.3	268.6	1,046.5	1,096.9	3,569.3	3,394.5
Total selected countries <sup>6</sup>	40,172.9	40,021.0	34,447.1	35,513.3	4,380.4	4,495.7	79,378.0	80,378.4

<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).

<sup>4</sup> Includes horse meat.

<sup>5</sup> Horse meat production based on export data.

<sup>6</sup> May not add due to rounding.

<sup>7</sup> Excludes farm slaughter.

<sup>8</sup> Includes offals.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 508. — Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1979 and 1980

Month	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton	
	1979 <sup>1</sup>	1980 <sup>1</sup>	1979 <sup>1</sup>	1980 <sup>1</sup>	1979 <sup>1</sup>	1980 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January .....	423,712	367,305	224,497	285,645	10,965	10,302
February .....	402,876	357,564	219,281	270,406	10,827	9,464
March .....	427,358	335,052	245,532	291,218	12,022	7,945
April .....	410,146	296,571	278,345	345,291	12,072	8,475
May .....	411,898	277,871	290,206	356,501	12,897	8,995
June .....	395,748	256,528	269,857	313,941	11,483	10,229
July .....	369,588	242,514	225,055	263,672	11,943	10,263
August .....	324,198	228,580	180,266	217,319	11,763	8,880
September .....	296,715	219,695	176,387	221,995	10,951	8,336
October .....	308,223	243,770	219,131	269,289	11,697	8,165
November .....	321,854	279,001	257,237	320,679	11,071	9,779
December .....	350,334	328,224	280,847	348,640	10,751	9,142

<sup>1</sup> Beginning Jan. 1, 1977, cured (cooler) beef and cured (cooler) pork are excluded from totals.

Statistical Reporting Service.

Table 509.—Meat: United States exports by type of product, 1966-80

Year	Beef and veal			Goat, lamb and mutton, fresh or frozen	Pork					Sausage, Bologna, and frankfurters	Variety meats, fresh or frozen <sup>1</sup>	Other meats <sup>2</sup>	Total <sup>3</sup>
	Fresh or frozen	Canned	Pickled or cured		Fresh or frozen	Hams and shoulders, cured or cooked	Bacon	Other pork, pickled, salted, or otherwise cured	Other pork, canned				
	<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>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1966	8,156	(4)	4,922	729	13,431	2,757	2,399	3,117	1,377	1,615	96,732	5,302	140,538
1967	8,076		6,109	831	13,924	2,116	2,164	3,358	1,368	1,593	100,842	5,813	146,194
1968	7,134		5,127	863	28,342	1,802	2,016	5,299	1,145	1,970	102,170	5,758	161,625
1969	7,609		4,048	650	55,155	3,923	1,618	4,153	978	2,150	108,761	5,912	194,956
1970	8,550		4,728	486	18,887	2,884	1,389	3,514	1,080	1,876	108,652	5,435	157,482
1971	13,900		5,170	591	20,543	1,450	1,033	5,400	1,199	1,820	125,861	5,605	182,571
1972	19,625		4,033	588	36,798	1,526	1,531	3,933	1,243	1,809	115,238	5,474	191,798
1973	32,380		3,509	787	65,071	2,768	1,015	2,857	1,178	2,562	127,860	7,176	247,164
1974	21,292		1,658	1,153	35,289	3,014	797	2,920	902	2,351	134,220	9,017	212,612
1975	20,364		329	1,305	82,028	4,155	575	3,709	686	2,237	133,188	5,660	254,237
1976	36,093		462	1,403	128,895	3,041	1,028	3,422	1,114	2,523	172,246	7,663	357,890
1977	40,982		517	1,755	116,282	2,941	1,216	2,919	1,810	3,426	173,060	8,198	353,106
1978	51,710	2,296	1,263	1,375	84,120	3,934	1,655	7,524	2,932	3,653	185,831	6,801	353,095
1979	53,823	1,625	1,955	562	83,058	3,380	912	8,912	1,123	3,003	168,930	4,664	331,946
1980 <sup>5</sup>	55,003	1,995	2,505	595	69,966	3,327	820	8,438	1,667	3,296	200,417	7,427	355,454

<sup>1</sup> Edible animal organs.<sup>2</sup> Includes sausage ingredients, cured (excluding canned); meat and meat products, canned (n.e.s.); and baby food, canned.<sup>3</sup> May not add due to rounding.<sup>4</sup> Included in "Other meats," 1966-77.<sup>5</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 510.—Meat: United States imports of meat subject to Public Law 96-177 (Meat Import Act), by country of origin, 1975-80<sup>1</sup>

Country of origin	1975	1976 <sup>2</sup>	1977	1978	1979	1980
	<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>
Canada	21,159	80,358	7,815	61,297	77,785	92,673
Mexico	29,763	52,000	60,095	62,568	5,297	242
Belize	20		430	60	232	297
Guatemala	33,426	34,300	32,347	32,121	32,224	18,005
El Salvador	5,440	10,427	3,545	7,987	9,965	4,404
Honduras	35,447	35,800	40,746	46,540	50,074	63,870
Nicaragua	47,654	48,900	50,386	64,691	67,932	46,660
Costa Rica	60,492	53,700	50,053	68,118	66,962	45,256
Panama	3,003	2,600	2,766	534	901	2,700
Haiti	1,559	1,900	1,262	2,484	1,660	1,522
Dominican Republic	8,607	14,086	2,089	2,212	3,101	2,358
Iceland			92			
Australia	679,405	632,200	653,572	806,000	880,038	806,296
New Zealand	275,373	259,800	265,406	330,858	357,666	328,029
European Community	7,555	4,094			41	9,721
Other		91,548	91,310			
Total <sup>5</sup>	1,208,904	1,231,713	1,250,214	1,485,470	1,553,878	1,422,033

<sup>1</sup> Fresh, chilled, and frozen beef, veal, mutton and goatmeat and certain prepared items from these. Excluding canned meat and certain items prepared from these meats.<sup>2</sup> Beginning 1976, The Customs Service supplied data used in monitoring The Meat Import Law.<sup>3</sup> Reflects 1,548,000 lbs. of beef erroneously charged to Panama.<sup>4</sup> Reflects meat that entered Foreign Trade Zone and possessions and territories prior to Jan. 1, 1977.<sup>5</sup> May not add due to rounding.

Foreign Agricultural Service.

Table 511.—Meat: United States imports, products weight basis, by country of origin, 1980

Country of origin	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p.f. <sup>5</sup>	Variety meats, fresh or frozen	Total
	Fresh or frozen <sup>1</sup>	Canned, including sausage	Other prepared or preserved <sup>2</sup>		Fresh and frozen	Canned <sup>3</sup>	Other prepared or preserved <sup>2</sup>	Sausage, all types <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>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Argentina	220	18,204	15,062			44						33,530
Australia	363,516	96	93	2,249	162					1	1,563	367,680
Brazil		2,921	1,142							14		24,077
Canada	42,819	2	16	23	88,514	500	609	1,515	690	106	2,680	137,474
Costa Rica	20,871										20	20,891
Denmark	213	14	1,213		4,430	26,786	37	1,332	1,404	4,436		39,865
Dominican Republic	966										14	966
El Salvador	2,041											2,055
Germany, Fed. Rep. of		2			36		22	1	116	20		624
Guatemala	8,732					427						8,732
Haiti	661		117	100						34		916
Honduras	26,328							3			4	26,396
Hungary						6,595	1,241					7,836
Ireland	4,183										17	4,200
Mexico	221											221
New Zealand	149,296	54	9	13,108	1						160	162,628
Netherlands			28			3,990				250		4,268
Nicaragua	20,880										4	20,884
Panama	1,149											1,149
Poland						42,361		20		169		42,550
Romania		465				6,359	6	57	4			6,891
Sweden						52						52
United Kingdom	37											37
Yugoslavia						8,741	20					8,761
Other	135	971	128	2		2,674	55		15	927	35	4,942
Total <sup>6</sup>	642,268	42,729	17,779	15,482	93,143	98,529	1,990	2,929	2,230	5,957	4,526	927,618

MEAT

<sup>1</sup> Includes prepared items.

<sup>2</sup> Includes pickled and cured.

<sup>3</sup> Includes canned hams, shoulders, and bacon.

<sup>4</sup> Fresh and cured sausage.

<sup>5</sup> Mostly mixed luncheon meats.

<sup>6</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 512.—Meat: United States imports by type of product, 1966–80

Year	Beef and veal			Lamb, mut- ton, and goat, except canned	Pork				Mixed sau- sage, all types ( <sup>4</sup> )	Other meats n.s.p.f. ( <sup>5</sup> )	Variety meats, fresh or frozen	Total ( <sup>6</sup> )
	Fresh or frozen ( <sup>1</sup> )	Canned, includ- ing sau- sage ( <sup>2</sup> )	Other pre- pared or pre- served ( <sup>2</sup> )		Fresh and frozen	Canned ( <sup>3</sup> )	Other pre- pared or pre- served ( <sup>2</sup> )	Sau- sage, all types ( <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>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1966	346,929	42,449	15,808	34,217	19,043	113,624	2,446	1,214	2,717	8,221	1,511	587,180
1967	381,817	44,440	17,823	30,187	21,483	113,889	2,713	1,125	2,824	6,561	1,592	624,455
1968	426,556	53,514	31,606	38,511	21,963	121,101	2,828	1,127	3,427	5,428	1,725	707,786
1969	468,245	53,349	30,241	44,492	19,477	119,203	2,652	1,775	3,982	6,359	2,559	752,333
1970	524,658	54,185	33,577	37,634	25,192	128,531	2,320	1,648	4,762	8,352	4,466	825,326
1971	517,964	41,971	34,573	31,962	28,258	129,868	1,900	1,669	3,537	6,629	2,943	801,274
1972	600,672	45,568	25,471	42,124	29,207	145,360	1,803	2,683	2,810	6,937	3,570	906,205
1973	611,691	42,593	24,617	18,284	28,303	148,136	1,546	2,786	2,320	5,902	3,269	889,447
1974	489,276	42,621	20,517	9,839	21,599	138,724	1,447	2,425	2,165	4,963	2,671	736,248
1975	549,087	28,937	18,329	11,670	14,917	130,863	665	1,944	1,294	5,126	2,534	765,367
1976	587,404	53,902	30,979	15,949	11,192	130,158	585	2,094	1,359	4,753	2,427	840,802
1977	564,894	43,124	25,618	9,885	12,215	120,388	534	2,209	1,387	3,725	2,591	786,570
1978	675,415	46,779	28,689	17,447	27,891	126,045	1,285	2,082	1,743	4,350	2,454	934,180
1979	713,354	45,890	28,721	19,714	46,268	113,518	1,575	2,434	1,849	5,619	4,695	983,637
1980 <sup>7</sup>	642,268	42,729	17,799	15,482	93,143	98,529	1,990	2,929	2,230	5,957	4,562	927,618

<sup>1</sup> Includes prepared items.<sup>2</sup> Includes pickled and cured.<sup>3</sup> Includes canned hams, shoulders, and bacon.<sup>4</sup> Includes fresh and cured sausage.<sup>5</sup> Mostly mixed luncheon meats.<sup>6</sup> May not add due to rounding.<sup>7</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 513.—Meat: International trade, selected countries, 1978–80<sup>1</sup>

Continent and country	1978		1979		1980 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>1,000 metric metric</i>	<i>1,000 metric metric</i>	<i>1,000 metric metric</i>	<i>1,000 metric metric</i>	<i>1,000 metric metric</i>	<i>1,000 metric metric</i>
Canada	117.5	173.2	148.9	142.1	186.0	112.5
Costa Rica	46.7	.1	46.6	.1	31.5	.1
Dominican Republic	1.2	.....	2.4	2.0	3.0	3.0
El Salvador	5.0	1.0	6.6	.8	2.6	.4
Guatemala	20.5	.3	22.6	.6	13.3	.6
Honduras	30.1	.....	39.9	.....	35.6	.3
Mexico	46.6	9.7	6.2	13.2	1.5	12.2
Nicaragua	50.9	.....	48.7	.1	32.8	.....
Panama	1.5	( <sup>3</sup> )	1.4	( <sup>3</sup> )	2.3	( <sup>3</sup> )
United States	259.5	1,295.5	236.7	1,349.0	251.1	1,200.5
Total <sup>4</sup>	579.5	1,479.9	587.1	1,507.9	559.8	1,329.5
South America:						
Argentina	823.7	.....	772.8	.....	521.5	5.0
Brazil	178.1	117.9	152.3	105.0	201.9	46.0
Chile	2.4	13.7	7.0	4.8	3.5	4.0
Colombia	20.0	( <sup>3</sup> )	12.8	.1	12.5	( <sup>3</sup> )
Peru	.....	1.3	.....	.1	.....	6.5
Uruguay	118.8	.....	84.7	4.1	113.9	.....
Venezuela	.4	71.1	.4	24.5	.4	22.0
Total <sup>4</sup>	1,143.3	204.1	1,030.1	138.6	853.7	83.5

See footnotes at end of table.

Table 513.—Meat: International trade, selected countries, 1978-80<sup>1</sup>—Continued

Continent and country	1978		1979		1980 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<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>
Europe:						
Belgium-Luxembourg . . . . .	307.1	143.9	329.7	136.4	334.9	135.5
Denmark . . . . .	753.4	7.6	832.3	3.9	851.2	4.7
France . . . . .	267.2	630.4	306.4	598.1	322.4	641.0
Germany, Fed. Rep. of . . . . .	263.0	633.0	382.0	649.0	414.0	686.0
Greece . . . . .		142.0		142.0		117.4
Ireland . . . . .	359.3	4.9	343.9	8.6	443.0	13.0
Italy . . . . .	46.1	632.1	77.0	692.1	90.2	717.0
Netherlands . . . . .	751.6	187.5	797.8	196.2	802.5	196.4
United Kingdom . . . . .	177.2	1,276.0	186.2	1,245.0	216.0	1,148.0
Total EC . . . . .	2,924.9	3,657.5	3,255.4	3,671.3	3,474.2	3,659.0
Austria . . . . .	14.0	27.4	21.6	14.3	23.5	13.0
Finland . . . . .	18.4		27.7	1.0	28.0	1.5
Norway . . . . .	.2	19.6	.1	17.9	.1	23.6
Portugal . . . . .		21.2		24.2		
Spain . . . . .	5.1	112.3	3.8	124.3	4.4	30.2
Sweden . . . . .	38.5	19.1	45.9	24.1	47.7	16.8
Switzerland . . . . .	1.8	33.8	1.5	28.8	6.0	24.3
Total Western Europe <sup>4</sup> . . . . .	3,002.8	3,890.8	3,356.0	3,906.0	3,583.9	3,768.3
Bulgaria . . . . .	38.3	5.8	45.0	2.5	48.0	2.0
Czechoslovakia . . . . .	12.0	21.0	13.0	21.0	13.0	21.0
German Dem. Rep . . . . .	206.0		182.0		181.0	
Hungary . . . . .	101.5	5.6	118.5	7.0	121.0	5.3
Poland . . . . .	154.4	30.4	171.7	1.9	157.0	47.0
Yugoslavia . . . . .	113.4	51.1	82.4	69.2	79.2	67.8
Total Eastern Europe <sup>4</sup> . . . . .	625.5	113.8	612.6	101.6	599.2	143.1
Total Europe <sup>4</sup> . . . . .	3,628.3	4,004.6	3,968.6	4,007.6	4,183.1	3,911.4
Soviet Union <sup>5</sup> . . . . .	38.0	132.0	33.0	469.0	30.0	610.0
Africa:						
South Africa . . . . .	1.9	1.3	2.2	4.3	3.3	2.7
Morocco . . . . .	11.9	27.4	13.7	11.1	14.7	15.8
Total <sup>4</sup> . . . . .	13.8	28.7	15.9	15.4	18.0	18.5
Asia:						
India . . . . .		14.5		20.0		17.0
Israel . . . . .	36.5		70.6		23.4	
Japan . . . . .	( <sup>3</sup> )	666.1	( <sup>3</sup> )	709.1		552.0
Korea, Rep. of . . . . .	38.1	94.7	36.4	107.6	25.4	24.1
Philippines . . . . .	.6	18.3	.3	11.9	.3	8.6
Taiwan . . . . .	18.3	8.6	17.8	16.6	18.0	14.5
Turkey . . . . .	6.4		5.0		5.0	
Total <sup>4</sup> . . . . .	77.9	824.2	79.5	915.8	65.6	622.5
Oceania:						
Australia . . . . .	1,377.4		1,306.5		1,149.6	
New Zealand . . . . .	724.7	.1	779.0	1.1	813.8	2.3
Total <sup>4</sup> . . . . .	2,102.1	.1	2,085.6	1.1	1,963.4	2.3
Total selected countries <sup>4</sup> . . . . .	7,583.0	6,673.6	7,799.8	7,055.4	7,673.6	6,577.7

<sup>1</sup> Carcass weight equivalent of beef and veal, pork, lamb, mutton and goat meat, and horse meat. Excludes fat, offals, and live animals.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 50 metric tons.

<sup>4</sup> Totals may not add due to rounding, and may include an allowance for missing data for countries shown.

<sup>5</sup> Estimate based on trading partner data.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 514.—Meats and lard: Production and civilian consumption, United States, 1966–80<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>
1966	19,726	20,140	104.1	910	881	4.6	650	771	4.0
1967	20,219	20,793	106.5	792	749	3.8	646	759	3.9
1968	20,880	21,627	109.7	734	707	3.6	602	738	3.7
1969	21,158	22,065	110.8	673	654	3.3	550	687	3.5
1970	21,685	22,926	113.6	588	581	2.9	551	657	3.3
1971	21,902	23,084	112.7	546	545	2.7	555	645	3.1
1972	22,419	23,962	115.5	459	465	2.2	543	684	3.3
1973	21,277	22,813	108.8	357	376	1.8	514	557	2.7
1974	23,138	24,489	115.7	486	493	2.3	465	483	2.3
1975	23,976	25,398	118.8	873	876	4.1	410	430	2.0
1976	25,969	27,549	127.6	853	854	4.0	371	396	1.8
1977	25,279	27,038	124.0	834	836	3.8	351	371	1.7
1978	24,242	25,999	117.9	632	646	2.9	309	342	1.6
1979	21,446	23,521	105.5	434	447	2.0	293	334	1.5
1980 <sup>2</sup>	21,644	23,321	103.4	400	412	1.8	318	350	1.6

  

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>
1966	12,798	12,700	65.7	34,084	34,492	178.3	1,929	1,071	5.5
1967	14,131	14,053	72.0	35,788	36,354	186.1	2,076	1,055	5.4
1968	14,515	14,479	73.5	36,731	37,551	190.5	2,062	1,106	5.6
1969	14,245	14,224	71.4	36,626	37,630	189.0	1,904	1,011	5.1
1970	14,699	14,661	72.6	37,523	38,825	192.3	1,913	939	4.6
1971	16,006	16,127	78.7	39,009	40,401	197.2	1,960	880	4.2
1972	14,422	14,712	70.9	37,843	39,823	191.9	1,559	787	3.8
1973	13,223	13,298	63.4	35,371	37,044	176.7	1,254	705	3.3
1974	14,331	14,493	68.5	38,420	39,958	188.8	1,366	681	3.2
1975	11,779	11,852	55.4	37,038	38,556	180.3	1,012	615	2.9
1976	12,688	12,668	58.7	39,881	41,467	192.1	1,060	568	2.6
1977	13,247	13,200	60.5	39,711	41,445	190.0	1,038	495	2.2
1978	13,393	13,293	60.3	38,576	40,280	182.7	1,006	478	2.1
1979	15,450	15,353	68.7	37,623	39,655	177.8	1,156	546	2.4
1980 <sup>2</sup>	16,615	16,562	73.4	38,977	40,645	180.2	1,202	540	2.4

<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.

<sup>2</sup>Preliminary.

Economic Research Service.

**Table 515.—Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1966-80<sup>1</sup>**

Year	Exports and shipments to Territories				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>Millions pounds</i>	<i>Millions pounds</i>
1966	88	5	158	251	1,182	22	136	430	1,770
1967	94	6	164	264	1,313	15	121	440	1,889
1968	94	7	208	309	1,500	18	147	462	2,127
1969	87	6	260	353	1,615	25	153	450	2,243
1970	104	7	194	305	1,792	24	122	491	2,429
1971	121	8	198	327	1,734	22	103	496	2,355
1972	124	7	236	367	1,960	36	148	538	2,682
1973	152	6	279	437	1,990	31	53	533	2,607
1974	130	8	204	342	1,615	31	26	488	2,160
1975	124	8	317	449	1,758	24	27	439	2,248
1976	170	7	421	598	2,073	22	36	469	2,600
1977	181	6	399	586	1,939	24	22	439	2,424
1978	221	4	421	646	2,297	25	39	495	2,856
1979	222	3	448	673	2,405	26	44	499	2,974
1980 <sup>3</sup>	223	5	417	645	2,064	21	37	550	2,672

<sup>1</sup> Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to Puerto Rico, the Virgin Islands, Guam, and Wake Island, 1966-69. Beginning 1970, includes shipments to Puerto Rico and Virgin Islands only.

<sup>2</sup> The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." (See Footnote 1, table 515.)

<sup>3</sup> Preliminary.

Economic Research Service. Data on imports and commercial exports and shipments are computed from records of the U.S. Department of Commerce; those on exports and shipments by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.

**Table 516.—Hides, packer: Average price per hundred pounds, Central U.S., 1966-80<sup>1</sup>**

Year	Steers					Cows/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>
1966	17.42	.....	16.17	16.33	15.64	18.12	20.21	16.65
1967	11.73	.....	( <sup>2</sup> )	10.31	9.60	12.43	16.34	10.80
1968	11.84	.....	.....	9.51	8.51	11.75	15.73	9.64
1969	14.38	.....	.....	12.48	11.59	14.85	18.35	12.95
1970	12.85	.....	.....	11.80	9.95	13.44	16.98	11.35
1971	14.53	.....	.....	11.95	10.80	14.17	17.03	11.63
1972	29.79	.....	.....	27.42	26.02	30.12	34.76	28.21
1973	33.78	.....	.....	28.83	26.24	34.14	38.72	29.01
1974	23.38	.....	.....	19.77	18.13	23.46	27.19	19.61
1975	23.25	.....	.....	20.67	18.82	21.60	23.80	17.51
1976	36.11	.....	.....	33.41	31.33	36.25	40.65	33.02
1977	37.29	.....	.....	36.21	34.75	39.21	51.00	36.04
1978	46.54	.....	.....	41.83	42.64	45.55	51.42	45.24
1979	72.68	88.95	.....	66.94	62.51	76.38	88.89	68.74
1980	45.70	50.85	44.18	42.33	38.95	47.07	54.02	43.44

<sup>1</sup> Data for 1966 compiled from Pratt's Daily Hide and Leather Market; beginning 1967, prices are obtained from Livestock and Grain Market News.

<sup>2</sup> Not reported, 1967-79.

Agricultural Marketing Service.

Table 517.—Hides and skins: United States imports and exports, 1966–80

Year	Imports				Exports			
	Calf and kip	Cattle <sup>1</sup>	Goat and kid	Sheep and lamb <sup>2</sup>	Calf	Kip	Cattle <sup>3</sup>	Sheep and lamb <sup>2</sup>
	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces
1966	680	221	10,331	27,893	2,076	519	14,189	2,429
1967	838	233	7,109	20,299	1,968	494	11,852	3,758
1968	794	493	5,203	30,825	1,816	387	12,878	3,345
1969	690	277	5,068	20,716	1,238	414	14,778	3,928
1970	542	386	3,028	18,686	1,074	241	15,222	3,822
1971	235	276	1,956	19,283	1,968	254	15,962	5,934
1972	261	292	3,355	16,852	1,621	451	17,578	5,872
1973	437	709	1,624	12,894	1,608	279	16,866	5,792
1974	439	520	583	15,732	1,802	365	18,429	4,897
1975	222	959	879	15,520	2,051	352	21,269	4,571
1976	93	962	1,255	16,615	1,657	505	25,270	3,409
1977	91	932	1,137	15,468	2,052	447	24,484	836
1978	179	704	1,762	17,807	2,079	351	24,792	4,444
1979	126	673	2,444	15,529	1,970	352	23,731	2,279
1980 <sup>5</sup>	64	880	519	9,027	2,205	290	19,568	1,675

<sup>1</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>2</sup> Includes cabretta and hair sheepskins.<sup>3</sup> Beginning January 1969, excludes pieces of cattle hides reported in units of pounds.<sup>4</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>5</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 518.—Hides and skins: United States imports by country of origin, 1978–80

Country of origin	1978	1979	1980 <sup>1</sup>	Country of origin	1978	1979	1980 <sup>1</sup>
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: <sup>2</sup>				Goat and kid—Continued			
Canada	694	643	859	Other countries	161	265	65
Honduras		14	18	Total	1,762	2,444	519
Other countries	10	16	3				
Total	704	673	880	Sheep and lambs: <sup>3</sup>			
Calf and kip:				Afghanistan	504	100	138
Canada	168	120	64	Ethiopia	63	133	145
France	3			United Kingdom	75	132	129
Other countries	8	6		South Africa	760	439	425
Total	179	126	64	Iran	3,808	5,367	1,089
Goat and kid:				Australia	343	131	249
Afghanistan	101	80		New Zealand	10,026	7,616	5,026
Haiti	498	676	52	Germany, Fed. Rep. of	40	60	108
Ethiopia	295	562	204	France	415	341	289
Nigeria	14	66		Argentina	116	1	55
Malaysia	1	24	32	Canada	108	22	70
Indonesia	371	329	20	Sudan	600	626	614
Australia	9	7	5	Nigeria	592	135	33
Iran	312	363	81	Other countries	357	426	177
China		72	60	Total	17,807	15,529	9,027

<sup>1</sup> Preliminary.<sup>2</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>3</sup> Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



**Table 519.—Hides and skins: United States exports by country of destination, 1978–80**

Country of destination	1978	1979	1980 <sup>1</sup>	Country of destination	1978	1979	1980 <sup>1</sup>
Cattle hides: <sup>2</sup>	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>	Calf skins:	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>
Canada	1,093	1,248	1,048	Canada	572	270	238
Mexico	1,938	2,428	1,973	Mexico	282	218	457
France	555	691	239	Czechoslovakia	51	.....	.....
Germany, Fed. Rep. of	379	454	206	Germany, Fed. Rep. of	39	81	40
Italy	1,286	2,248	690	Italy	359	330	237
Spain	1,020	892	112	Korea, Rep. of	54	10	54
Romania	1,942	1,317	1,046	Spain	35	8	.....
Taiwan	1,018	955	1,285	Japan	642	875	1,162
Korea, Rep. of	3,720	2,526	2,660	Other countries	96	127	17
Japan	8,798	7,396	7,487	Total	2,079	1,970	2,205
Czechoslovakia	586	682	318	Kipskins:			
Other countries	2,459	2,894	2,504	Canada	34	26	13
Total	24,794	23,731	19,568	Korea, Rep. of	7	9	.....
Sheep and lamb skins: <sup>3</sup>				Italy	39	87	75
Canada	92	59	53	Germany, Fed. Rep. of	1	3	3
Japan	14	32	35	Hungary	33	14	32
Brazil	51	3	18	Venezuela	20	.....	13
Germany, Fed. Rep. of	75	49	15	Japan	106	96	59
Italy	515	698	303	Other countries	11	117	95
United Kingdom	80	231	137	Total	351	352	290
Poland	155	276	521				
Uruguay	101	390	154				
Other countries	361	541	439				
Total	1,444	2,279	1,675				

<sup>1</sup> Preliminary.

<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.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 520.—Mink pelts: Number produced by color class, United States, 1969–80**

Year	Stand- ard	Ranch wild	Demi- buff ( <sup>1</sup> )	Pastel	Pale brown	Saph- ire	Gun- metal	Plati- num	Pearl	Lav- ender hope	Pink ( <sup>1</sup> )	Violet type	White	Mis- cella- neous and unclas- sified	Total pelts
	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>
1969	1,400	.....	.....	1,634	63.2	317	66.4	25.3	910	177	.....	681	145	35.6	5,455
1970	1,591	.....	.....	1,351	57.7	219	64.0	20.7	587	95.0	.....	455	79.3	12.3	4,532
1971	1,226	.....	.....	1,059	19.6	171	50.1	12.7	397	40.7	.....	345	50.5	8.5	3,380
1972	1,065	.....	.....	1,015	25	143	49.7	10	302	21	.....	285	44.6	4.9	2,965
1973	1,088	.....	.....	1,075	19.2	136	52.9	14.2	310	22.9	.....	261	55.9	2.1	3,037
1974	880	308	992	5.9	117	57	15.1	337	18.4	47.3	270	75	5.3	3,128	
1975	951	481	700	15	84	53	12	337	17	59	257	93	8	3,067	
1976	995	533	661	9	65	47	6	270	20	71	239	90	20	3,026	
1977	1,048	<sup>2</sup> 531	740	10	78	50	5	234	16	61	205	84	14	3,076	
1978	1,173	<sup>2</sup> 690	776	11	115	51	5	190	16	56	175	81	5	3,358	
1979	1,225	187	<sup>3</sup> 682	586	16	137	60	7	169	12	53	176	81	5	3,394
1980	1,269	226	670	616	15	130	71	13	178	11	54	164	81	4	3,501

<sup>1</sup> Estimated as separate color class, beginning 1974; included in Pale Brown, Pastel, and Standard classes in previous years.

<sup>2</sup> This color class included "Ranch wild" types in 1977. For 1978 it included mink females bred to produce Demi-buff-Dark brown, Violet, Pastel, Standard, and Pearl crosses, and others.

<sup>3</sup> This color class includes Demi-buff-Dark brown, Violet, Pastel, Standard, and Pearl crosses, and others.

Statistical Reporting Service.

Table 521.—Mink pelts: Number produced by color class, major States, and United States, 1979<sup>1</sup>

State	Standard	Ranch wild	Demi-buff <sup>2</sup>	Pastel	Pale brown	Sapphire	Gunmetal	Platinum	Pearl	Lavender hope	Pink	Violet type	White	Miscellaneous and unclassified	Total pelts
	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )	1,000 pelts ( <sup>3</sup> )
Ga . . . . .															18
Idaho . . . . .	34.7	1.2	38.2	35.6	( <sup>3</sup> )	3.9	( <sup>3</sup> )	( <sup>3</sup> )	5.3	( <sup>3</sup> )		2.5	2.7		145
Ill . . . . .	58.3	8.9	( <sup>2</sup> )	18.1	( <sup>3</sup> )		( <sup>3</sup> )	( <sup>3</sup> )	5.0		( <sup>3</sup> )	4.1	( <sup>3</sup> )		175
Ind . . . . .	8.7		3.8	2.0			( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )			( <sup>3</sup> )	( <sup>3</sup> )		18
Iowa . . . . .	55.2	7.1	15.1	22.1	( <sup>3</sup> )	1.1	( <sup>3</sup> )	( <sup>3</sup> )	16.8			5.9	( <sup>3</sup> )	0.33	125
Mass . . . . .	1.6		4.9	5.4	( <sup>3</sup> )		( <sup>3</sup> )	( <sup>3</sup> )	2.5			( <sup>3</sup> )			18
Mich . . . . .	47.8	6.5	16.1	18.7	( <sup>3</sup> )		( <sup>3</sup> )	( <sup>3</sup> )	8.6	( <sup>3</sup> )	( <sup>3</sup> )	12.8	( <sup>3</sup> )		124
Minn . . . . .	145.8	65.3	91.8	98.4	0.7	7.7	3.4	0.7	20.3	0.5	14.8	12.0	8.8		470
N.Y . . . . .	38.1		18.1	17.8	( <sup>3</sup> )	3.7	2.4	( <sup>3</sup> )	2.7	( <sup>3</sup> )	( <sup>3</sup> )	6.9	( <sup>3</sup> )	( <sup>3</sup> )	92
Ohio . . . . .	49.6	( <sup>3</sup> )	26.7	28.1	1.3	3.1	( <sup>3</sup> )	( <sup>3</sup> )	7.9	( <sup>3</sup> )	( <sup>3</sup> )	4.3	( <sup>3</sup> )	( <sup>3</sup> )	122
Oreg . . . . .	55.0	9.3	19.4	4.4	( <sup>3</sup> )	21.4	23.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1.5	18.7	( <sup>3</sup> )		155
Penn . . . . .	20.6	34.5	40.7	24.6	( <sup>3</sup> )	22.5	.8	( <sup>3</sup> )	18.7	( <sup>3</sup> )	( <sup>3</sup> )	13.6	( <sup>3</sup> )		152
S. Dak . . . . .	17.7	37.9	22.6	6.9		( <sup>3</sup> )		( <sup>3</sup> )	8.2		( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		64
Utah . . . . .	187.2	12.0	78.3	62.7	( <sup>3</sup> )	24.6	( <sup>3</sup> )	( <sup>3</sup> )	20.4		( <sup>3</sup> )	23.9	( <sup>3</sup> )	1.5	413
Wash . . . . .	88.2	19.1	18.5	10.6	( <sup>3</sup> )	9.5	16.7		( <sup>3</sup> )	1.0	27.4	6.2	( <sup>3</sup> )		172
Wis . . . . .	377.3	38.5	137.1	194.1	3.6	34.8	6.8	1.3	37.5	8.6	2.0	57.6	52.1	1.1	978
Other States	39.0	6.2	47.1	33.4	.06	2.7	.26	1.2	12.2	.28	2.7	2.7	5.4	1.1	154
U.S . . . . .	1,225	187	682	586	16	137	60	7	169	12	53	176	81	5	3,394

<sup>1</sup>Revised based on additional information.<sup>2</sup>This color class includes Demi-buff—Dark brown, Violet, Pastel, standard and pearl crosses, and others.<sup>3</sup>Included in total to avoid disclosing individual operations.

Statistical Reporting Service.

**Table 522.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1966–80**

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <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>	<i>Thousands</i>	<i>Thousands</i>
1966	27,319	74.5	4,432	21.4	11,553	65.4	481	3.4	63,729	89.7	53	0.5
1967	27,780	71.8	4,002	22.3	11,516	67.8	494	4.0	70,915	105.8	57	.3
1968	29,592	77.6	3,876	23.9	10,888	53.9	393	2.0	74,789	110.1	66	.5
1969	30,537	77.7	3,637	22.3	10,070	53.0	220	1.1	75,682	120.2	56	.4
1970	30,793	79.0	3,024	18.1	10,010	56.1	421	1.0	78,187	134.7	55	3.5
1971	31,419	94.2	2,806	18.1	10,256	45.2	301	1.7	86,667	171.5	55	.5
1972	32,267	97.0	2,421	17.4	9,905	44.3	146	.....	78,759	155.7	65	.....
1973	30,521	91.8	1,808	13.3	9,234	40.6	87	.....	72,264	145.6	165	.....
1974	33,319	100.1	2,355	16.4	8,556	37.3	72	.....	77,071	155.2	207	.....
1975	36,904	111.0	3,894	26.6	7,552	32.9	49	.....	64,926	131.2	247	.....
1976	38,992	117.0	4,438	30.8	6,474	27.9	41	.....	70,454	140.4	293	.....
1977	38,717	121.9	4,696	63.3	6,133	31.5	45	.3	74,019	198.9	317	3.0
1978	36,948	143.0	3,620	54.9	5,169	41.3	45	.6	74,139	257.8	323	2.1
1979	31,504	111.8	2,499	39.4	4,833	30.1	63	.7	85,425	291.1	304	1.9
1980	31,642	108.2	2,294	33.0	5,363	31.9	93	.9	91,882	318.7	274	1.7

<sup>1</sup> Condemnations for 1966–76 do not include ante-mortem cases of parts of carcasses. Beginning with 1977, condemnations include ante-mortem and post-mortem inspection. Beginning with 1980, condemnations are for the fiscal year ending September 30. Data reported by Food Safety and Inspection Service, USDA.

Statistical Reporting Service.

**Table 523.—Livestock and poultry inventory: Index numbers, United States, Jan. 1, 1975–81<sup>1</sup>**  
[1977 = 100]

Year	Total livestock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry	Year	Total livestock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry
1975	107	107	103	101	1979	93	92	99	106
1976	103	103	101	100	1980	94	94	100	108
1977	100	100	100	100	1981 <sup>3</sup>	96	96	101	106
1978	96	96	99	102					

<sup>1</sup> For method of combining species and weights in construction of these index numbers see Agricultural Handbook No. 365, Volume II, major statistical series of the U.S. Department of Agriculture, April 1970. Weights based on 1977 sales values relative to milk cows are as follows: Milk cows, 1.00; beef cattle and calves, 0.71; hogs, 0.17; sheep and lambs, 0.07; chickens, 0.001; and turkey breeder hens, 0.014. Index computations for Jan. 1 uses turkey breeder hens, all chickens (excluding commercial broilers), and hogs and pigs on hand Dec. 1 preceding year.

<sup>2</sup> Weights for milk cattle are as follows: Milk cows, 1.00; heifers weighing 500 lbs. and over, 0.56.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

## 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 524. — Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1966–81**

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>
1966 .....	14,490	4,450	1975 .....	11,220	4,087
1967 .....	13,725	4,215	1976 .....	11,071	3,956
1968 .....	13,115	4,080	1977 .....	10,998	3,887
1969 .....	12,550	3,990	1978 .....	10,896	3,886
1970 .....	12,091	3,880	1979 .....	10,790	3,932
1971 .....	11,909	3,843	1980 .....	10,779	4,158
1972 .....	11,776	3,828	1981 <sup>1</sup> .....	10,869	4,353
1973 .....	11,622	3,872			
1974 .....	11,297	3,941			

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 525.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan.1, 1980 and 1981**

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1980	1981 <sup>1</sup>	1980	1981 <sup>1</sup>		1980	1981 <sup>1</sup>	1980	1981 <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>
Ala	72	64	14	17	Nebr	120	121	36	42
Alaska	1.1	1.1	5	5	Nev	15	15	8	8
Ariz	72	75	13	17	N.H.	30	30	11	12
Ark	81	80	27	32	N.J.	41	41	15	14
Calif	878	909	337	405	N. Mex	39	49	8	17
Colo	72	71	33	31	N.Y.	912	915	356	348
Conn	49	48	18	19	N.C.	133	135	41	45
Del	11	10	3	4	N. Dak	93	93	22	22
Fla	184	187	35	39	Ohio	375	375	144	181
Ga	130	130	40	44	Okla	110	112	35	40
Hawaii	13	13	7	7	Oreg	94	96	37	44
Idaho	148	159	84	96	Pa	712	718	266	274
Ill	235	230	100	98	R.I.	4.0	4.0	1.0	1.0
Ind	200	207	85	85	S.C.	50	48	16	17
Iowa	372	378	143	158	S. Dak	155	155	48	45
Kans	120	123	37	44	Tenn	214	215	80	85
Ky	244	243	108	104	Tex	315	320	90	100
La	116	112	36	35	Utah	75	77	42	42
Maine	57	55	21	20	Vt	187	190	68	69
Md	125	124	42	46	Va	170	173	88	81
Mass	45	44	16	14	Wash	199	200	68	79
Mich	400	390	193	182	W. Va	37	36	13	13
Minn	860	880	390	350	Wis	1813	1820	735	780
Miss	99	97	31	36	Wyo	12	12	3	3
Mo	262	260	102	98	U.S.	10,779	10,869	4,158	4,353
Mont	28	29	11	9					

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 526.—Dairy product-feed price ratios: Milk-feed; dairy feed, 16%; Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1966-80**

Year	Milk price cwt	16% Dairy feed price cwt	Milk-feed price ratio <sup>1,2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk price cwt	16% Dairy feed price cwt	Milk-feed price ratio <sup>1,2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows
	<i>Dollars</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>
1966	4.81	3.70	1.30	3.15	1974	8.33	6.90	1.21	6.23
1967	5.02	3.75	1.34	3.22	1975	8.75	6.75	1.30	6.25
1968	5.24	3.60	1.46	3.10	1976	9.66	7.05	1.37	6.31
1969	5.49	3.50	1.57	3.15	1977	9.72	7.00	1.39	6.20
1970	5.71	3.75	1.52	3.28	1978	10.60	6.90	1.54	6.08
1971	5.87	3.95	1.49	3.44	1979	12.00	7.80	1.54	6.68
1972	6.07	4.00	1.52	3.52	1980	13.00	8.85	1.47	7.42
1973	7.14	5.65	1.26	4.88					

<sup>1</sup> Annual ratios based on average of monthly ratios.

<sup>2</sup> Pounds of 16% mixed dairy feed equal in value to one pound of whole milk.

Statistical Reporting Service.

Table 527.—Milk cows rations: Quantities and value of concentrates fed, by States, 1979 and 1980

State	Grain and other concentrates fed during calendar year				Value per 100 pounds of concentrate rations fed during the year	
	Per cow		Per 100 pounds of milk produced		1979	1980
	1979	1980	1979	1980		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	4,810	5,210	58	59	7.76	8.77
Alaska	4,870	4,550	45	40	11.90	11.76
Ariz	7,450	6,550	57	48	6.94	7.78
Ark	4,510	5,520	51	60	7.09	8.05
Calif	6,780	7,570	47	50	6.64	7.55
Colo	5,120	5,440	43	45	6.33	7.03
Conn	5,190	5,160	42	41	7.69	8.97
Del	5,100	5,410	43	45	7.26	8.20
Fla	6,690	6,620	63	61	6.61	7.43
Ga	6,070	6,520	59	62	7.64	8.72
Idaho	4,660	4,800	39	38	5.71	6.43
Ill	4,660	4,800	45	44	6.22	6.88
Ind	4,860	4,510	44	41	6.62	6.96
Iowa	5,060	5,140	48	47	6.34	6.74
Kans	5,840	5,840	54	53	6.06	6.52
Ky	4,440	4,680	51	51	7.38	7.96
La	4,980	5,100	59	58	7.43	8.25
Maine	5,240	4,960	45	42	8.04	9.32
Md	5,310	5,560	44	45	7.29	8.12
Mass	4,830	4,790	41	39	7.68	8.86
Mich	5,230	5,030	43	40	6.27	6.70
Minn	4,560	4,650	42	42	5.78	6.32
Miss	4,230	4,500	52	54	7.44	8.34
Mo	5,220	5,620	51	51	6.87	7.73
Mont	4,450	4,480	42	42	5.36	6.18
Nebr	4,620	5,220	44	48	5.73	6.14
Nev	5,310	5,690	40	39	6.35	7.27
N.H.	4,320	4,770	38	41	7.52	9.08
N.J.	4,700	4,790	39	40	7.59	8.58
N. Mex	6,670	7,160	50	55	6.74	7.72
N.Y.	4,230	4,330	36	36	7.43	8.44
N.C.	5,570	5,840	47	48	7.70	8.68
N. Dak	4,140	4,390	45	45	4.74	5.48
Ohio	4,920	5,170	43	45	6.74	7.75
Okla	5,250	5,300	54	53	6.69	7.38
Oreg	4,690	5,050	40	41	7.11	8.28
Pa	4,960	4,900	43	41	7.35	8.02
R.I.	4,550	4,700	40	41	7.65	8.89
S.C.	5,340	5,480	51	49	7.94	8.71
S. Dak	4,510	4,830	46	46	5.75	6.21
Tenn	4,760	5,030	48	48	7.67	8.67
Tex	6,300	6,730	58	59	6.82	7.76
Utah	4,990	5,600	40	42	6.08	6.88
Vt	4,290	4,150	36	34	7.91	9.37
Va	4,670	4,880	41	42	7.94	8.82
Wash	5,430	5,710	38	39	7.04	8.21
W. Va	3,880	4,260	41	45	7.81	8.49
Wis	4,820	4,910	40	40	6.01	6.42
Wyo	3,870	4,290	39	39	5.74	6.44
U.S.	5,070	5,260	44.1	44.3	6.68	7.42

Statistical Reporting Service.

**Table 528. — Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production, United States, 1966–81**

Year	Associations <sup>1</sup>	Super- visors <sup>1</sup>	Official plans					
			Herds	Cows	Cows per herd	Average production		
						Milk	Milkfat	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Pounds</i>	<i>Percent</i>	<i>Pounds</i>
1966	1,418	2,378	38,879	2,058,592	52.9	12,127	3.81	462
1967	1,344	2,319	37,683	2,098,919	55.7	12,307	3.80	468
1968	1,318	2,304	36,869	2,131,929	57.8	12,397	3.80	471
1969	1,289	2,250	35,617	2,138,953	60.1	12,553	3.79	476
1970	1,267	2,225	34,308	2,122,011	61.9	12,750	3.79	483
1971	1,274	2,201	33,996	2,218,402	65.3	13,000	3.76	489
1972	1,247	2,186	33,197	2,244,685	67.6	13,226	3.75	496
1973	1,231	2,164	33,578	2,359,611	70.3	13,287	3.76	499
1974	1,130	2,209	33,146	2,416,669	72.9	13,163	3.75	493
1975	1,105	2,183	32,222	2,432,961	75.5	13,421	3.76	505
1976	1,051	2,218	32,232	2,438,365	75.7	13,632	3.75	511
1977	1,028	2,266	33,755	2,581,164	76.5	14,435	3.73	539
1978	1,046	2,432	34,972	2,704,064	77.3	14,631	3.70	542
1979	1,045	2,541	36,105	2,792,175	77.3	14,644	3.70	542
1980	1,025	2,638	37,576	2,966,558	78.9	14,786	3.70	547
1981	1,066	2,824	39,524	3,197,353	80.8	14,960	3.70	553

<sup>1</sup> Includes all plans.

Science and Education Administration.

**Table 529. — Cattle: Tuberculin tests in cooperation with States, 1966–80**

Year	Tuberculin tests					
	Herds and lots	Cattle	Infected			
			Herds and lots		Cattle	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
1966	252,948	6,451,222	1,317	0.52	3,540	0.05
1967	212,487	5,486,715	1,014	.48	4,119	.08
1968	165,767	4,485,124	662	.40	2,830	.06
1969	151,087	4,390,514	544	.36	2,923	.07
1970	133,150	4,044,986	421	.32	2,574	.06
1971	120,605	3,530,220	349	.29	2,528	.07
1972	103,548	2,881,398	235	.23	2,353	.08
1973	102,510	2,936,287	163	.16	1,512	.05
1974	101,734	2,487,798	231	.23	1,573	.06
1975	94,769	2,367,458	158	.17	1,306	.06
1976	103,441	2,484,550	298	.29	1,879	.08
1977	98,483	2,322,110	175	.18	3,967	.17
1978	103,037	2,307,487	92	.09	490	.02
1979	108,813	2,422,334	54	.05	688	.03
1980	108,535	2,279,974	54	.05	1,668	.07

Animal and Plant Health Inspection Service.

Table 530.—Cattle: Brucellosis work in cooperation with States, 1966–80

Year	Milk ring tests <sup>1</sup>			Market cattle blood tests		
	Herd tests	Suspicious herd tests		Cattle tested	Reactor cattle	
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>
1966	1,682,994	10,466	0.6	4,687,710	44,041	0.9
1967	1,620,586	8,591	.5	4,617,431	41,412	.9
1968	1,478,983	6,569	.4	4,824,781	34,613	.7
1969	1,326,191	6,233	.5	4,967,570	28,167	.6
1970	1,141,249	3,504	.3	4,818,267	23,092	.5
1971	1,143,707	2,760	.2	6,381,853	29,926	.5
1972	984,825	2,210	.2	7,815,629	39,866	.5
1973	895,346	2,580	.3	8,680,880	55,399	.6
1974	881,195	2,247	.3	10,007,454	72,348	.7
1975	841,392	2,642	.3	13,524,598	90,949	.7
1976	730,737	2,096	.3	13,939,367	88,443	.6
1977	760,576	2,272	.3	13,608,558	71,994	.5
1978	849,527	2,285	.3	13,325,356	70,997	.5
1979	763,439	2,315	.3	10,462,153	52,236	.5
1980	805,507	3,357	.4	11,290,190	50,369	.4

  

Year	Cattle blood tested on farm or ranch <sup>2</sup>					Adjusted cattle infection rate <sup>3</sup>	Calves vaccinated
	Herd or lot tests	Infected herds or lots		Cattle tested	Reactor cattle		
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>
1966	<sup>4</sup> 1,258,186	<sup>4</sup> 39,252	3.1	6,876,122	83,665	1.2	6,483,393
1967	416,256	31,855	7.7	7,337,243	111,230	1.5	6,331,556
1968	367,971	30,664	8.3	6,858,279	110,995	1.6	5,837,646
1969	274,724	23,137	8.4	5,406,185	88,484	1.6	5,165,415
1970	264,406	24,033	9.1	5,439,642	96,466	1.8	4,548,972
1971	225,022	21,117	9.4	4,490,636	85,138	1.9	4,116,646
1972	214,759	23,588	11.0	4,873,422	97,585	2.0	3,909,944
1973	219,167	26,654	12.2	5,361,680	113,453	2.1	3,873,908
1974	228,897	34,144	14.9	6,073,077	157,027	2.6	4,101,475
1975	238,184	37,117	15.6	6,947,008	181,214	2.6	3,720,441
1976	258,710	36,901	14.3	7,454,452	181,165	2.4	3,779,108
1977	268,570	32,904	12.2	7,247,352	168,907	2.3	3,780,309
1978	271,335	28,846	10.6	6,895,966	154,877	2.2	4,269,151
1979	266,991	27,567	10.3	6,713,199	141,665	2.1	5,341,033
1980	279,053	28,692	10.3	7,249,853	148,019	2.0	6,355,745

<sup>1</sup>Represents multiple milk ring tests each year for the commercial dairy herd.

<sup>2</sup>Includes an increasing proportion of herds tested each year because of suspicious milk ring or market cattle test results.

<sup>3</sup>Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing program.

<sup>4</sup>Includes the number of market cattle lots tested and found infected.

Animal and Plant Health Inspection Service.



**Table 531.—Milk and milkfat production: Number of producing cows, yield per cow, and total quantity produced, United States, 1966–80**

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>
1966	14,071	8,522	314	3.69	119,912	4,426
1967	13,415	8,851	327	3.69	118,732	4,377
1968	12,832	9,135	335	3.67	117,225	4,305
1969	12,307	9,434	346	3.67	116,108	4,264
1970	12,000	9,751	357	3.66	117,007	4,284
1971	11,839	10,015	367	3.66	118,566	4,344
1972	11,700	10,259	377	3.68	120,025	4,410
1973	11,413	10,119	370	3.66	115,491	4,225
1974	11,230	10,293	377	3.67	115,586	4,238
1975	11,139	10,360	381	3.68	115,398	4,240
1976	11,032	10,894	399	3.66	120,180	4,402
1977	10,945	11,206	410	3.65	122,654	4,481
1978	10,803	11,243	412	3.67	121,461	4,455
1979	10,743	11,488	421	3.66	123,411	4,518
1980 <sup>3</sup>	10,815	11,875	434	3.65	128,425	4,692

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 532.—Milk: Quantities used and marketed by farmers, United States, 1966–80**

Year	Milk used on farms where produced				Milk marketed by producers			
	Fed to calves <sup>1</sup>	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers <sup>2</sup>		Sold directly to consumers <sup>3</sup>	Total
					As whole milk	As farm-separated cream		
	<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>
1966	1,980	3,131	361	5,472	109,699	2,995	1,746	114,440
1967	1,891	2,865	287	5,164	109,433	2,374	1,760	113,567
1968	1,821	2,616	225	4,662	108,811	1,972	1,780	112,563
1969	1,745	2,397	173	4,315	108,497	1,608	1,688	111,793
1970	1,702	<sup>5</sup> 2,306	.....	4,008	110,089	1,193	1,717	112,999
1971	1,635	2,117	.....	3,752	112,242	1,000	1,572	114,814
1972	1,624	1,914	.....	3,538	114,152	798	1,537	116,487
1973	1,584	1,766	.....	3,350	109,948	673	1,520	112,141
1974	1,558	1,643	.....	3,201	110,420	421	1,544	112,385
1975	1,566	1,495	.....	3,061	110,460	314	1,563	112,337
1976	1,567	1,392	.....	2,959	115,479	230	1,512	117,221
1977	1,541	1,283	.....	2,824	118,154	182	1,495	119,831
1978	1,497	1,168	.....	2,665	117,203	102	1,490	118,795
1979	1,437	1,031	.....	2,468	119,440	(?)	1,502	120,942
1980 <sup>6</sup>	1,389	950	.....	2,339	124,538	(?)	1,548	126,086

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes milk produced by dealers' own herds.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>4</sup> Includes some milk used for other purposes on farms or not utilized.<sup>5</sup> Includes milk used for farm-churned butter, beginning 1970.<sup>6</sup> Preliminary.<sup>7</sup> Equivalent amount of milk included in whole milk to plants and dealers.

Statistical Reporting Service.

Table 533.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1979

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>
Ala	73	8,301	301	3.63	606	22
Alaska	1.2	10,833	388	3.58	13	5
Ariz	72	13,069	469	3.59	941	34
Ark	82	8,841	316	3.57	725	26
Calif	871	14,424	512	3.55	12,563	446
Colo	72	11,903	426	3.58	857	31
Conn	49	12,367	451	3.65	606	22
Del	10.7	11,869	436	3.67	127	4.7
Fla	188	10,617	366	3.45	1,996	69
Ga	130	10,292	375	3.64	1,338	49
Hawaii	12.8	11,719	398	3.40	150	5.1
Idaho	144	11,951	429	3.59	1,721	62
Ill	231	10,351	385	3.72	2,391	89
Ind	197	11,041	412	3.73	2,175	81
Iowa	372	10,538	389	3.69	3,920	145
Kans	123	10,813	395	3.65	1,330	49
Ky	255	8,706	320	3.67	2,220	81
La	121	8,446	307	3.63	1,022	37
Maine	56	11,446	415	3.63	641	23
Md	126	12,063	443	3.67	1,520	56
Mass	48	11,792	429	3.64	566	21
Mich	397	12,166	446	3.67	4,830	177
Minn	843	10,848	396	3.65	9,145	334
Miss	100	8,140	300	3.68	814	30
Mo	265	10,242	372	3.63	2,714	99
Mont	28	10,607	380	3.58	297	11
Nebr	120	10,500	386	3.68	1,260	46
Nev	15.0	13,267	456	3.44	199	6.8
N.H	30	11,367	418	3.68	341	13
N.J	41	12,049	443	3.68	494	18
N. Mex	38	13,342	463	3.47	507	18
N.Y	905	11,746	425	3.62	10,630	385
N.C	132	11,856	430	3.63	1,565	57
N. Dak	95	9,200	329	3.58	874	31
Ohio	373	11,434	423	3.70	4,265	158
Okla	110	9,727	347	3.57	1,070	38
Oreg	94	11,734	442	3.77	1,103	42
Pa	701	11,532	429	3.72	8,084	301
R.I	4.4	11,364	411	3.62	50	1.8
S.C	50	10,480	401	3.83	524	20
S. Dak	158	9,804	355	3.62	1,549	56
Tenn	211	9,910	368	3.71	2,091	78
Tex	311	10,859	385	3.55	3,377	120
Utah	76	12,474	442	3.54	948	34
Vt	183	11,907	437	3.67	2,179	80
Va	170	11,394	416	3.65	1,937	71
Wash	197	14,299	525	3.67	2,817	103
W. Va	37	9,459	348	3.68	350	13
Wis	1,813	12,052	452	3.75	21,850	819
Wyo	12.0	9,917	356	3.59	119	4.3
U.S. <sup>3</sup>	10,743	11,488	421	3.66	123,411	4,518

<sup>1</sup> Average number during year, excluding heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

<sup>3</sup> U.S. total will not add due to rounding.

Statistical Reporting Service.

Table 534.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1980 (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>
Ala	68	8,824	321	3.64	600	22
Alaska	1.1	11,364	407	3.58	12.5	4
Ariz	75	13,640	492	3.61	1,023	37
Ark	81	9,198	328	3.57	745	27
Calif	896	15,147	547	3.61	13,572	490
Colo	71	12,085	434	3.59	858	31
Conn	49	12,592	452	3.59	617	22
Del	10.4	12,019	442	3.68	125	4.6
Fla	187	10,845	373	3.44	2,028	70
Ga	130	10,515	381	3.62	1,367	49
Hawaii	13	11,692	402	3.44	152	5.2
Idaho	153	12,641	453	3.58	1,934	69
Ill	233	10,901	404	3.71	2,540	94
Ind	201	10,995	410	3.73	2,210	82
Iowa	376	10,926	401	3.67	4,108	151
Kans	123	11,016	399	3.62	1,355	49
Ky	242	9,169	337	3.68	2,219	82
La	114	8,798	315	3.58	1,003	36
Maine	57	11,807	427	3.62	673	24
Md	123	12,358	460	3.72	1,520	57
Mass	46	12,283	443	3.61	565	20
Mich	395	12,582	462	3.67	4,970	182
Minn	862	11,061	403	3.64	9,535	347
Miss	98	8,337	306	3.67	817	30
Mo	261	11,019	400	3.63	2,876	104
Mont	29	10,655	377	3.54	309	11
Nebr	121	10,868	397	3.65	1,315	48
Nev	15	14,600	512	3.51	219	7.7
N.H	30	11,633	427	3.67	349	13
N.J	41	11,976	438	3.66	491	18
N. Mex	45	13,022	457	3.51	586	21
N.Y	911	12,026	434	3.61	10,956	396
N.C	134	12,172	442	3.63	1,631	59
N. Dak	93	9,753	348	3.57	907	32
Ohio	375	11,493	424	3.69	4,310	159
Okla	111	10,000	359	3.59	1,110	40
Oreg	95	12,305	466	3.79	1,169	44
Pa	711	11,949	443	3.71	8,496	315
R.I	4.1	11,463	412	3.59	47	1.7
S.C	48	11,188	427	3.82	537	21
S. Dak	159	10,497	379	3.61	1,669	60
Tenn	214	10,472	390	3.72	2,241	83
Tex	317	11,407	404	3.54	3,616	128
Utah	77	13,338	473	3.55	1,027	36
Vt	188	12,202	445	3.65	2,294	84
Va	172	11,622	421	3.62	1,999	72
Wash	201	14,637	536	3.66	2,942	108
W. Va	37	9,459	348	3.68	350	13
Wis	1,815	12,285	458	3.73	22,298	832
Wyo	12	11,000	394	3.58	132	4.7
U.S. <sup>3</sup>	10,815	11,815	434	3.65	128,425	4,692

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> U.S. total will not add due to rounding.

Statistical Reporting Service.

Table 535.—Milk: Quantities used and marketed by producers, by States, 1980  
(preliminary)

State	Milk used on farms where produced			Milk marketed by farmers		
	Fed to calves <sup>1</sup>	Used for milk, cream, and butter	Total	Sold to plants and dealers as whole milk <sup>2</sup>	Sold directly to consumers <sup>3,4</sup>	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Ala	5	12	17	565	18	583
Alaska	3	4	7	11.3	5	11.8
Ariz	5	1	6	975	42	1,017
Ark	9	24	33	712	.....	712
Calif	53	8	61	13,145	366	13,511
Colo	35	14	49	775	34	809
Conn	6	4	10	590	17	607
Del	1	1	2	122	1	123
Fla	8	11	19	2,009	.....	2,009
Ga	11	10	21	1,346	.....	1,346
Hawaii	1.6	1.0	2.6	149.4	.....	149.4
Idaho	44	13	57	1,855	22	1,877
Ill	21	12	33	2,507	.....	2,507
Ind	19	13	32	2,178	.....	2,178
Iowa	59	49	108	4,000	.....	4,000
Kans	18	9	27	1,320	8	1,328
Ky	25	64	89	2,130	.....	2,130
La	4	21	25	965	13	978
Maine	8	5	13	650	10	660
Md	9	8	17	1,495	8	1,503
Mass	5	4	9	525	31	556
Mich	55	25	80	4,870	20	4,890
Minn	47	23	70	9,465	.....	9,465
Miss	1	13	14	795	8	803
Mo	26	14	40	2,825	11	2,836
Mont	8	10	18	288	3	291
Nebr	17	17	34	1,281	.....	1,281
Nev	3	2	5	214	.....	214
N.H	6	3	9	332	8	340
N.J	5	3	8	465	18	483
N. Mex	4	9	13	560	13	573
N.Y	147	85	232	10,640	84	10,724
N.C	16	55	71	1,540	20	1,560
N. Dak	26	12	38	869	.....	869
Ohio	40	35	75	4,220	15	4,235
Okla	14	17	31	1,065	14	1,079
Oreg	32	13	45	1,070	54	1,124
Pa	60	42	102	7,930	464	8,394
R.I	1	1	2	43	2	45
S.C	6	7	13	510	14	524
S. Dak	16	13	29	1,635	5	1,640
Tenn	40	45	85	2,150	6	2,156
Tex	25	11	36	3,540	40	3,580
Utah	10	9	19	980	28	1,008
Vt	27	17	44	2,245	5	2,250
Va	11	11	22	1,977	.....	1,977
Wash	29	6	35	2,785	122	2,907
W. Va	8	8	16	324	10	334
Wis	358	157	515	21,770	13	21,783
Wyo	4	3	7	125	.....	125
U.S	1,389	950	2,339	124,538	1,548	126,086

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>4</sup> For States not published, sales are nominal. Included in milk sold to plants.<sup>5</sup> Total milk sold plus used on farms does not equal total milk produced due to rounding.

Statistical Reporting Service.

Table 536.—Milk: Production and utilization in specified countries, 1978–80

Country	Production			Utilization <sup>1</sup>		
	Milk cows	Production per cow	Total milk production <sup>1</sup>	Fluid milk	Factory	Feed
	1,000 head	Kilograms	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
1978:						
Canada	1,938	3,929	7,615	2,673	4,533	409
United States	10,841	5,088	55,160	25,875	28,610	675
Austria	1,002	3,334	3,341	1,148	1,696	513
Belgium and Luxembourg	1,047	3,751	3,927	770	2,968	183
Denmark	1,091	4,880	5,324	796	4,403	125
France	10,152	3,000	30,460	3,760	21,700	6,270
Germany, Fed. Rep. of	5,400	4,313	23,291	3,411	18,894	986
Greece	419	1,683	1,696	659	1,037	0
Ireland	1,513	3,175	4,804	617	4,074	113
Italy	3,010	3,352	10,824	3,724	6,154	946
Netherlands	2,250	5,052	11,367	1,901	9,334	132
Norway	375	4,840	1,837	914	892	31
Sweden	651	5,066	3,298	1,310	1,908	80
Switzerland	880	3,998	3,542	740	2,360	442
United Kingdom	3,402	4,462	15,180	7,380	7,713	87
Japan	1,013	6,046	6,125	3,691	2,310	124
Australia <sup>2</sup>	2,056	2,744	5,642	1,657	3,985	0
New Zealand <sup>3</sup>	2,053	2,956	6,069	537	5,395	137
Total	49,093	71,669	199,502	61,563	127,966	11,253
1979:						
Canada	1,870	4,104	7,675	2,760	4,505	410
United States	10,777	5,203	56,074	25,850	29,544	680
Austria	995	3,367	3,350	1,180	1,647	537
Belgium and Luxembourg	1,046	3,810	3,985	800	2,995	190
Denmark	1,050	4,986	5,235	810	4,300	125
France	10,222	3,087	31,560	3,500	22,550	6,900
Germany, Fed. Rep. of	5,360	4,440	23,800	3,420	19,390	900
Greece	395	1,732	1,695	599	1,096	0
Ireland	1,545	3,153	4,871	617	4,138	116
Italy	3,045	3,399	11,100	3,760	6,380	960
Netherlands	2,325	4,981	11,580	1,875	9,585	120
Norway	377	4,907	1,873	920	922	31
Sweden	654	5,185	3,391	1,339	1,972	80
Switzerland	890	4,056	3,635	735	2,440	460
United Kingdom	3,433	4,468	15,340	7,380	7,880	80
Japan	1,072	6,054	6,490	3,850	2,510	130
Australia <sup>2</sup>	1,979	.....	.....	.....	.....	.....
New Zealand <sup>3</sup>	2,040	3,118	6,361	534	5,667	160
Total	49,075	70,050	198,015	59,929	127,521	11,879
1980: <sup>4</sup>						
Canada	1,727	4,586	7,920	2,715	4,800	405
United States	10,815	5,386	58,253	25,747	31,894	612
Austria	970	3,521	3,429	1,137	1,742	550
Belgium and Luxembourg	1,050	3,762	3,950	775	3,000	175
Denmark	1,032	4,961	5,120	810	4,185	125
France	10,205	3,293	35,100	4,320	22,180	8,600
Germany, Fed. Rep. of	5,450	4,560	24,850	3,550	20,310	990
Greece	384	1,857	1,699	632	1,067	.....
Ireland	1,450	3,310	4,800	630	4,061	109
Italy	3,060	3,268	10,785	4,300	6,485	.....
Netherlands	2,350	5,026	11,810	1,925	9,770	115
Norway	380	5,011	1,927	936	960	31
Sweden	657	5,269	3,462	1,329	2,053	80
Switzerland	875	4,150	3,655	720	2,448	487
United Kingdom	3,392	4,769	16,175	7,500	8,500	175
Japan	1,070	6,077	6,502	3,987	2,334	181
Australia <sup>2</sup>	1,869	3,010	5,625	1,711	3,914	.....
New Zealand <sup>3</sup>	2,020	3,383	6,833	519	6,177	137
Total	48,756	75,199	211,895	63,243	135,880	12,772

<sup>1</sup> May include milk other than cow's milk.<sup>2</sup> Year ending June 30.<sup>3</sup> Year ending May 31.<sup>4</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 537.—Milk: Supply and

Item	1966	1967	1968	1969	1970
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production .....	119,912	118,732	117,225	116,108	117,007
Net imports of ingredients (milk equivalent) <sup>2</sup> .....	1,431	1,334	172	316	502
Net change in storage cream (milk equivalent) <sup>3</sup> .....	-60	43	24	-22	29
Total supply .....	121,283	120,109	117,421	116,402	117,538
Utilization (milk equivalent):					
Used in manufactured products:					
Creamery butter, total milk equivalent .....	25,084	27,563	26,393	25,241	25,593
Milk equivalent of butter from whey cream .....	1,413	1,457	1,481	1,510	1,659
Net milk equivalent .....	23,671	26,106	24,912	23,731	23,934
Cheese:					
American .....	12,154	12,701	12,716	12,668	14,240
Other .....	4,521	4,507	4,660	4,948	5,301
Cottage cheese, creamed .....	1,044	1,050	1,094	1,150	1,250
Canned milk:					
Evaporated .....	3,516	3,087	2,851	2,973	} *2,687
Sweetened condensed .....	287	141	195	190	
Bulk condensed whole milk:					
Unsweetened .....	706	636	679	567	468
Sweetened .....	152	149	159	147	104
Dry whole milk .....	698	547	589	489	508
Ice cream and other frozen dairy products, total milk equivalent .....	12,476	12,505	13,037	13,043	13,025
Milk equivalent of butter and condensed milk used in ice cream .....	<sup>4</sup> 1,998	<sup>4</sup> 1,967	<sup>4</sup> 2,058	<sup>4</sup> 2,015	<sup>4</sup> 1,984
Net milk equivalent .....	10,508	10,538	10,979	11,028	11,041
Other manufactured products <sup>6</sup> .....	643	308	396	424	480
Total manufactured products .....	57,900	59,770	59,230	58,315	60,013
Available for use in fluid products:					
Sold by dealers .....	53,654	52,240	51,920	51,112	50,281
Sold by producers directly to consumers <sup>7</sup> .....	1,746	1,760	1,780	1,688	1,717
Total available for fluid products .....	55,400	54,000	53,700	52,800	51,998
Used on farms where produced:					
Fed to calves .....	1,980	1,891	1,821	1,745	} *2,306
Consumed as fluid milk and cream .....	3,131	2,865	2,616	2,397	
Used for farm-churned butter .....	361	287	225	173	
Total used on farms .....	5,472	<sup>5</sup> 5,164	4,662	4,315	4,008
Residual <sup>10</sup> .....	2,511	1,175	-171	972	1,519
Total utilization .....	121,283	120,109	117,421	116,402	117,538

<sup>1</sup> Preliminary.<sup>2</sup> Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.<sup>3</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>4</sup> Total evaporated and sweetened condensed, beginning 1970.<sup>5</sup> Without adjustment for imported butterfat-sugar mixtures which replaced butter and condensed milk used in ice cream.<sup>6</sup> Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.

## utilization, United States, 1966-80

1971	1972	1973	1974	1975	1976	1977	1978	1979	1980 <sup>1</sup>
<i>Million pounds</i> 118,566 179 14	<i>Million pounds</i> 120,025 188 4	<i>Million pounds</i> 115,491 819 3	<i>Million pounds</i> 115,586 181 -33	<i>Million pounds</i> 115,398 181 -17	<i>Million pounds</i> 120,180 219 39	<i>Million pounds</i> 123,654 228 -16	<i>Million pounds</i> 121,641 232 -11	<i>Million pounds</i> 123,411 224 24	<i>Million pounds</i> 128,425 188 3
118,759	120,217	116,313	115,734	115,562	120,438	122,866	121,682	123,659	128,616
25,724	24,725	20,663	21,571	21,992	21,947	24,396	22,372	22,191	25,824
1,820	1,981	2,054	2,237	2,119	2,543	2,543	2,660	2,810	2,998
23,904	22,744	18,609	19,334	19,873	19,404	21,853	19,712	19,381	22,826
15,136	16,422	16,760	18,550	16,452	20,581	20,480	20,737	21,856	23,765
5,826	6,433	6,845	7,119	7,431	8,182	8,385	9,180	9,701	10,160
1,296	1,321	1,138	1,018	1,028	1,050	1,056	1,056	1,028	1,016
2,702	2,540	2,375	2,223	2,020	1,892	1,809	1,725	1,752	1,594
433	415	381	432	510	435	398	348	381	377
104	179	179	160	176	208	182	186	187	147
535	552	577	499	464	554	514	549	627	607
12,940	12,944	13,130	13,277	14,046	13,722	13,805	13,859	13,767	14,010
1,967	1,993	2,060	2,089	2,148	2,099	2,098	3,115	2,088	2,084
10,973	10,951	11,070	11,188	11,898	11,623	11,707	11,744	11,679	11,926
705	762	744	804	672	744	684	707	1,811	1,667
61,614	62,319	58,678	61,327	60,524	64,673	67,068	65,944	68,403	74,085
50,281	51,690	50,893	48,970	49,560	49,990	49,885	49,685	49,884	49,385
1,572	1,537	1,520	1,544	1,563	1,512	1,495	1,490	1,502	1,548
51,853	53,227	52,413	50,514	51,123	51,502	51,380	51,175	51,386	50,933
1,635	1,624	1,584	1,558	1,566	1,567	1,541	1,497	1,437	1,389
2,117	1,914	1,766	1,643	1,495	1,392	1,283	1,168	1,031	950
3,752	3,538	3,350	3,201	3,061	2,959	2,824	2,665	2,468	2,339
1,540	1,133	1,872	692	854	1,304	1,594	1,898	1,402	1,259
118,759	120,217	116,313	115,734	115,562	120,438	122,866	121,682	123,659	128,616

<sup>7</sup>Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

<sup>8</sup>Includes milk used for farm-churned butter, beginning 1970.

<sup>9</sup>Includes some milk used for other purposes on farms or not utilized.

<sup>10</sup>Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.

Statistical Reporting Service.

Table 538.—Marketings, income, and value of milk production, by States, 1980 (preliminary)

State	Milk sold to plants and dealers <sup>1</sup>				Milk sold directly to consumers <sup>3</sup>		
	Quantity	Percent fluid grade <sup>2</sup>	Price per 100 pounds	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ala	565	98	14.40	81,360	8,372	50	4,186
Alaska	11.3	100	17.50	1,978	233	60	140
Ariz	975	100	13.40	130,650	19,535	41	8,009
Ark	712	87	13.50	96,120			
Calif	13,145	96	12.88	1,693,076	170,233	46	78,307
Colo	775	( <sup>4</sup> )	14.00	108,500	15,814	50	7,907
Conn	590	100	13.60	80,240	7,907	52	4,112
Del	122	100	13.60	16,592	465	50	233
Fla	2,009	100	15.80	317,422			
Ga	1,346	100	14.00	188,440			
Hawaii	149.4	100	18.12	527,071			
Idaho	1,855	42	12.20	226,310	10,233	60	6,140
Ill	2,507	81	12.90	323,403			
Ind	2,178	90	13.00	283,140			
Iowa	4,000	59	12.60	504,000			
Kans	1,320	83	13.10	172,920	3,721	50	1,861
Ky	2,130	82	12.80	272,640			
La	965	100	14.10	136,065	6,047	51	3,084
Maine	650	100	13.90	90,350	4,651	51	2,372
Md	1,495	100	13.60	203,320	3,721	50	1,861
Mass	525	100	13.70	71,925	14,419	51	7,354
Mich	4,870	95	13.20	642,840	9,302	50	4,651
Minn	9,465	58	12.40	1,173,660			
Miss	795	96	13.80	109,710	3,721	52	1,935
Mo	2,825	75	12.60	355,950	5,116	51	2,609
Mont	288	93	12.80	36,864	1,395	47	656
Nebr	1,281	58	12.70	162,687			
Nev	214	100	12.70	27,178			
N.H.	332	100	13.60	45,152	3,721	52	1,935
N.J.	465	100	13.38	62,217	8,372	43	3,600
N. Mex	560	100	14.10	78,960	6,047	53	3,205
N.Y.	10,640	100	13.00	1,383,200	39,070	46	17,972
N.C.	1,540	96	14.00	215,600	9,302	55	5,116
N. Dak	869	44	11.80	102,542			
Ohio	4,220	92	13.00	548,600	6,977	57	3,977
Okla	1,065	89	13.60	144,840	6,512	58	3,777
Oreg	1,070	89	13.10	140,170	25,116	45	11,302
Pa	7,930	99	13.60	1,078,480	215,814	40	86,326
R.I.	43	100	13.70	5,891	930	52	484
S.C.	510	100	14.50	73,950	6,512	53	3,451
S. Dak	1,635	32	12.40	202,740	2,326	50	1,163
Tenn	2,150	89	13.30	285,950	2,791	47	1,312
Tex	3,540	100	13.90	492,060	18,605	59	10,977
Utah	980	69	12.50	122,500	13,023	38	4,949
Vt	2,245	100	13.40	300,830	2,326	51	1,186
Va	1,977	93	13.30	262,941			
Wash	2,785	100	12.70	353,695	56,744	43	24,400
W. Va	324	( <sup>4</sup> )	13.00	42,120	4,651	59	2,744
Wis	21,770	73	12.67	2,758,259	6,047	39	2,358
Wyo	125	( <sup>4</sup> )	12.70	15,875			
U.S.	124,538	85	13.00	16,250,983	719,771	45.2	325,651

See footnotes at end of table.



Table 538.—Marketings, income and value of milk production: by States, 1980  
(preliminary)—Continued

State	Combined marketing of milk and cream			Cash receipts from marketings	Used for milk, cream, and butter where produced		Gross producer income <sup>a</sup>	Value of all milk produced <sup>b</sup>
	Milk utilized	Average returns <sup>c</sup>			Milk utilized	Value <sup>d</sup>		
		Per 100 pounds milk	Per pound milkfat	1,000 dollars			1,000 dollars	1,000 dollars
Ala	583	14.67	4.03	85,546	12	1,760	87,306	88,020
Alaska	11.8	17.95	5.01	2,118	0.4	72	2,190	2,244
Ariz	1,017	13.63	3.78	138,659	1	136	138,795	139,435
Ark	712	13.50	3.78	96,120	24	3,240	99,360	100,575
Calif	13,511	13.11	3.63	1,771,383	8	1,049	1,772,432	1,779,289
Colo	809	14.39	4.01	116,407	14	2,015	118,422	123,466
Conn	607	13.90	3.87	84,352	4	556	84,908	85,763
Del	123	13.68	3.72	16,825	1	137	16,962	17,100
Fla	2,009	15.80	4.59	317,422	11	1,738	319,160	320,424
Ga	1,346	14.00	3.87	188,440	10	1,400	189,840	191,380
Hawaii	149.4	18.12	5.27	27,071	1	181	27,252	27,542
Idaho	1,877	12.38	3.46	232,450	13	1,609	234,059	239,429
Ill	2,507	12.90	3.48	323,403	12	1,548	324,951	327,660
Ind	2,178	13.00	3.49	283,140	13	1,690	284,830	287,300
Iowa	4,000	12.60	3.43	504,000	49	6,174	510,174	517,608
Kans	1,328	13.16	3.64	174,781	9	1,184	175,965	178,318
Ky	2,130	12.80	3.48	272,640	64	8,192	280,832	284,032
La	978	14.23	3.97	139,149	21	2,988	142,137	142,727
Maine	660	14.05	3.88	92,722	5	703	93,425	94,557
Md	1,503	13.65	3.67	205,181	8	1,092	206,273	207,480
Mass	556	14.26	3.95	79,279	4	570	79,849	80,569
Mich	4,890	13.24	3.61	647,491	25	3,310	650,801	658,028
Minn	9,465	12.40	3.41	1,173,660	23	2,852	1,176,512	1,182,340
Miss	803	13.90	3.79	111,645	13	1,807	113,452	113,563
Mo	2,836	12.64	3.48	358,559	14	1,770	360,329	363,526
Mont	291	12.89	3.64	37,520	10	1,289	38,809	39,830
Nebr	1,281	12.70	3.48	162,687	17	2,159	164,846	167,005
Nev	214	12.70	3.62	27,178	2	254	27,432	27,813
N.H	340	13.85	3.77	47,087	3	416	47,503	48,337
N.J	483	13.63	3.72	65,817	3	409	66,226	66,923
N. Mex	573	14.34	4.09	82,165	9	1,291	83,456	84,032
N.Y	10,724	13.07	3.62	1,401,172	85	11,110	1,412,282	1,431,949
N.C	1,560	14.15	3.90	220,716	55	7,783	228,499	230,787
N. Dak	869	11.80	3.31	102,542	12	1,416	103,958	107,026
Ohio	4,235	13.05	3.54	552,577	35	4,568	557,145	562,455
Okla	1,079	13.77	3.84	148,617	17	2,341	150,958	152,847
Oreg	1,124	13.48	3.56	151,472	13	1,752	153,224	157,581
Pa	8,394	13.88	3.74	1,164,806	42	5,830	1,170,636	1,179,245
R.I	45	14.17	3.95	6,375	1	142	6,517	6,660
S.C	524	14.77	3.87	77,401	7	1,034	78,435	79,315
S. Dak	1,640	12.43	3.44	203,903	13	1,616	205,519	207,457
Tenn	2,156	13.32	3.58	287,262	45	5,994	293,256	298,501
Tex	3,580	14.05	3.97	503,037	11	1,546	504,583	508,048
Utah	1,008	12.64	3.56	127,449	9	1,138	128,587	129,813
Vt	2,250	13.42	3.68	302,016	17	2,281	304,297	307,855
Va	1,977	13.30	3.67	262,941	11	1,463	264,404	265,867
Wash	2,907	13.01	3.55	378,095	6	781	378,876	382,754
W. Va	334	13.43	3.65	44,864	8	1,074	45,938	47,005
Wis	21,783	12.67	3.40	2,760,617	157	19,892	2,780,509	2,825,157
Wyo	125	12.70	3.55	15,875	3	381	16,256	16,764
U.S	126,086	13.15	3.60	16,576,634	950	125,733	16,702,367	16,883,401

<sup>1</sup> Includes the equivalent amounts of milk for cream sold to plants and dealers.<sup>2</sup> Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.<sup>3</sup> Also includes milk produced by institutional herds.<sup>4</sup> Not published to avoid disclosing individual operations.<sup>5</sup> Based on unrounded value. Includes milk sold directly to consumers.<sup>6</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>7</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>8</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.<sup>9</sup> Includes value of milk fed to calves.

Table 539—Marketings, income and value of milk production, United States, 1966-80

Year	Milk sold to plants and dealers			Cream sold to plants and dealers <sup>1</sup>			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966	109,699	4.81	5,272,421	107,920	67.2	72,559	813,200	23.2	188,418
1967	109,433	5.01	5,486,975	85,970	68.2	58,600	819,200	24.0	196,656
1968	108,811	5.24	5,703,747	71,140	68.7	48,903	826,800	24.8	204,632
1969	108,497	5.49	5,952,967	57,950	68.9	39,955	785,002	25.8	202,750
1970	110,089	5.71	6,281,063	42,644	70.0	29,866	798,606	27.0	215,646
1971	112,242	5.87	6,582,995	35,969	69.1	24,859	731,162	27.9	204,223
1972	114,152	6.07	6,926,955	28,737	67.8	19,478	714,841	27.8	198,855
1973	109,948	7.14	7,854,895	24,288	67.3	16,338	706,946	31.0	218,936
1974	110,420	8.33	9,193,111	15,287	63.2	9,669	717,955	34.9	250,867
1975	110,460	8.75	9,664,349	11,437	70.3	8,039	726,837	35.4	257,362
1976	115,479	9.66	11,158,050	8,350	83.4	6,966	703,114	36.4	255,651
1977	118,154	9.72	11,488,120	6,586	92.0	6,058	695,162	36.7	255,314
1978	117,203	10.60	12,400,075	3,679	102.0	3,762	693,210	38.8	268,990
1979	119,440	12.00	14,354,373	.....	.....	.....	698,759	42.3	295,864
1980 <sup>2</sup>	124,538	13.00	16,250,983	.....	.....	.....	719,771	45.2	325,651

  

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products <sup>5</sup>	Farm value of all milk produced <sup>6</sup>
	Milk utilized	Average returns <sup>3</sup>		Cash receipts from marketings	Milk utilized	Value <sup>4</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>
1966	114,440	4.84	1.31	5,533,398	3,492	174,943	5,708,341	5,801,039
1967	113,567	5.06	1.37	5,742,231	3,152	164,630	5,907,061	6,005,639
1968	112,563	5.29	1.44	5,957,282	2,841	154,653	6,112,135	6,206,150
1969	111,793	5.54	1.51	6,195,672	2,570	146,106	6,341,778	6,434,834
1970	112,999	5.78	1.58	6,526,575	2,306	136,094	6,662,669	6,757,294
1971	114,814	5.93	1.62	6,812,077	2,117	128,100	6,940,177	7,034,801
1972	116,487	6.13	1.67	7,145,288	1,914	119,285	7,264,573	7,361,435
1973	112,141	7.21	1.97	8,090,169	1,766	129,431	8,219,600	8,331,450
1974	112,385	8.41	2.29	9,453,647	1,643	140,079	9,593,726	9,723,186
1975	112,337	8.84	2.41	9,929,750	1,495	133,026	10,062,776	10,198,831
1976	117,221	9.74	2.66	11,420,667	1,392	136,765	11,557,432	11,706,043
1977	119,831	9.81	2.68	11,749,492	1,283	126,448	11,875,940	12,023,440
1978	118,795	10.67	2.91	12,672,827	1,168	125,155	12,797,982	12,956,601
1979	120,942	12.11	3.31	14,650,237	1,031	125,975	14,776,212	14,949,279
1980 <sup>2</sup>	126,086	13.15	3.60	16,576,634	950	125,733	16,702,367	16,883,401

<sup>1</sup> After 1978 equivalent amounts of milk included in milk sold to plants and dealers.<sup>2</sup> Preliminary.<sup>3</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>4</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>5</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.<sup>6</sup> Includes value of milk fed to calves. For 1967, also includes value of milk used for other purposes on farms or not utilized.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 541

<sup>1</sup> All prices are f.o.b. factory. Geographic division prices are straight averages of monthly prices prior to 1977. U.S. prices represent weighted average prices of milk for evaporated milk.<sup>2</sup> Idaho, Montana, Oregon, Washington, and Wyoming, through 1970.<sup>3</sup> Arizona, California, Colorado, Nevada, New Mexico, and Utah, through 1970.<sup>4</sup> Not shown separately to avoid disclosure of individual operations.<sup>5</sup> Pertains to entire North Central region beginning 1971.<sup>6</sup> Pertains to entire Western region beginning 1971.<sup>7</sup> Includes South Atlantic region beginning 1972.<sup>8</sup> Preliminary.

Statistical Reporting Service.

Table 540.—Federal Milk Order Markets: Measures of growth, 1966-80

Year	Markets <sup>1</sup>	Population of Federal milk marketing areas <sup>2</sup>	Handlers <sup>1</sup>	Producers <sup>3</sup>	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries 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>
1966	71	98,307	1,724	145,964	53,012	34,805	65.7
1967	74	103,566	1,650	140,657	53,761	34,412	64.0
1968	67	117,013	1,637	141,623	56,444	36,490	64.6
1969	67	122,319	1,628	144,275	61,026	39,219	64.3
1970	62	125,721	1,588	143,411	65,104	40,063	61.5
1971	62	142,934	1,529	141,347	67,872	40,268	59.3
1972	62	142,934	1,487	136,883	68,719	40,938	59.6
1973	61	141,472	1,355	131,565	66,229	40,519	61.2
1974	61	141,546	1,312	126,805	67,778	39,293	58.0
1975	56	144,467	1,315	123,855	69,249	40,106	57.9
1976	50	149,493	1,305	122,675	74,586	40,985	54.9
1977	47	150,093	1,260	122,755	77,947	41,125	52.8
1978	47	150,131	1,189	119,326	78,091	41,143	52.7
1979	47	150,131	1,127	116,447	79,436	41,011	51.6
1980	47	150,131	1,088	117,518	83,998	41,031	48.8

  

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 blend price adjusted for butterfat content	
	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>	<i>1,000 dollars</i>
1966	5.55	4.95	70	48	994	18,526	2,630,908
1967	5.85	5.17	71	49	1,056	20,321	2,858,351
1968	6.23	5.53	74	52	1,089	22,561	3,195,087
1969	6.50	5.74	77	56	1,164	24,892	3,591,293
1970	6.74	5.95	79	59	1,244	27,636	3,963,311
1971	6.90	6.08	80	60	1,316	29,893	4,225,340
1972	7.10	6.31	78	60	1,372	32,439	4,440,288
1973	8.03	7.31	78	60	1,386	37,461	4,928,514
1974	9.35	8.36	78	61	1,464	45,376	5,753,852
1975	9.36	8.64	78	63	1,532	49,233	6,097,768
1976	10.70	9.75	80	65	1,661	60,277	7,394,486
1977	10.59	9.69	80	66	1,740	62,692	7,695,764
1978	11.40	10.57	80	67	1,793	70,528	8,415,787
1979	12.88	11.97	80	66	1,870	83,262	9,695,637
1980	13.77	12.86	80	67	1,902	93,664	11,007,264

<sup>1</sup> End of year. (Date on which pricing provisions became effective.) <sup>2</sup> End of year. Data for 1966-70 and 1971-80 according to the 1960 and 1970 U.S. Census of Population, respectively. <sup>3</sup> Average for year. <sup>4</sup> Weighted averages.

Agricultural Marketing Service.

Table 541.—Milk: Average price per hundredweight paid producers by condenseries for milk of actual milkfat content, to be used primarily for evaporated milk, by geographic divisions, 1966-80<sup>1</sup>

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western <sup>2</sup>	South-western <sup>3</sup>	United States
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1966	4.00	4.03	4.09	4.02	3.99	3.83	3.99	3.98
1967	4.11	4.20	4.18	4.04	4.08	3.98	4.11	4.10
1968	4.35	4.28	4.32	4.14	4.16	4.05	4.24	4.21
1969	4.43	4.41	4.51	4.41	4.33	4.36	4.42	4.41
1970	4.64	4.50	4.61	4.68	4.43	4.71	4.58	4.52
1971	(4)	4.65	4.65	4.57	4.57	<sup>6</sup> 4.90	4.68	4.68
1972	(4)	.....	4.79	4.64	4.64	4.89	4.76	4.76
1973	(4)	.....	5.54	5.64	5.64	5.66	5.64	5.64
1974	(4)	.....	7.16	7.19	7.19	6.98	7.13	7.13
1975	(4)	.....	7.29	7.22	7.22	7.77	7.40	7.40
1976	(4)	.....	8.33	8.29	8.29	8.42	8.32	8.32
1977	(4)	.....	8.46	8.39	8.39	8.63	8.45	8.45
1978	(4)	.....	9.16	9.24	9.24	9.38	9.22	9.22
1979	(4)	.....	10.51	10.77	10.77	10.58	10.64	10.64
1980 <sup>8</sup>	(4)	.....	10.86	11.63	11.63	11.76	11.49	11.49

See footnotes on page 370.

Table 542.—Milk markets under Federal marketing program: Blend and Class I milk ducers, deliveries by producers, producer deliveries used in Class I, Class I utilization by markets, 1979 and 1980

Marketing Area	Average minimum prices per 100 pounds payable to producers				Average number of producers	
	Blend price <sup>1</sup>		Class I price		1979	1980
	1979	1980	1979	1980		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Number</i>	<i>Number</i>
Black Hills, S. Dak. <sup>3</sup>	12.03	12.92	12.74	13.61	91	84
Central Arizona <sup>4</sup>	12.53	13.35	13.30	14.19	155	158
Central Arkansas <sup>5</sup>	12.46	13.34	12.72	13.62	745	806
Central Illinois <sup>6</sup>	11.66	12.64	12.12	13.05	417	347
Chicago Regional, Ill.-Wis. <sup>7</sup>	11.40	12.33	12.04	12.93	16,914	17,478
Eastern Colorado, Colo.-Kans. <sup>8</sup>	12.50	13.41	13.08	13.97	920	873
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. <sup>9</sup>	11.90	12.77	12.62	13.52	6,592	6,379
Eastern South Dakota, S. Dak.-Iowa-Minn. <sup>10</sup>	11.59	12.49	12.18	13.07	458	455
Georgia <sup>11</sup>	12.59	13.51	13.08	13.98	1,361	1,251
Great Basin, Utah-Nev.-Wyo. <sup>12</sup>	12.01	12.87	12.68	13.57	715	689
Greater Kansas City, Mo.-Kans. <sup>13</sup>	11.82	12.59	12.52	13.41	1,335	1,448
Greater Louisiana <sup>14</sup>	12.88	13.81	13.25	14.13	702	679
Indiana <sup>15</sup>	11.88	12.74	12.26	13.20	3,005	2,946
Inland Empire, Wash.-Idaho <sup>16</sup>	11.90	12.80	12.74	13.63	288	299
Iowa, Iowa-Ill. <sup>17</sup>	11.53	12.43	12.18	13.07	3,336	3,551
Lake Mead, Nev.-Utah <sup>18</sup>	12.06	13.00	12.37	13.29	48	44
Louisville-Lex.-Evans, Ky.-Ind. <sup>19</sup>	11.87	12.77	12.48	13.39	2,103	2,257
Lubbock-Plainview, Texas <sup>20</sup>	12.89	13.87	13.20	14.07	64	36
Memphis, Tenn.-Miss.-Ark. <sup>21</sup>	12.42	13.37	12.72	13.62	505	572
Michigan Upper Peninsula, Mich.-Wis. <sup>22</sup>	11.60	12.54	12.12	12.98	161	118
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va. <sup>23</sup>	12.29	13.20	13.56	14.45	7,219	7,287
Nashville, Tenn.-Ky. <sup>24</sup>	11.96	12.83	12.64	13.53	851	963
Nebraska-Western Iowa, Nebr.-Iowa-S. Dak. <sup>25</sup>	11.58	12.45	12.38	13.27	1,596	1,621
Neosho Valley, Kans.-Mo. <sup>26</sup>	11.42	12.63	12.31	13.32	59	29
New England, Mass.-Conn.-N.H.-R.I.-Vt. <sup>27</sup>	12.67	13.53	13.70	14.59	7,497	7,352
New Orleans-Mississippi, La.-Miss. <sup>28</sup>	12.90	13.77	13.63	14.52	1,637	1,745
New York-New Jersey <sup>29</sup>	12.07	12.97	13.39	14.28	17,596	17,555
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va. <sup>30</sup>	11.91	12.81	12.47	13.37	5,663	5,450
Oklahoma Metropolitan <sup>31</sup>	12.26	13.08	12.76	13.65	1,185	1,297
Oregon-Washington <sup>32</sup>	11.93	12.80	12.73	13.62	968	964
Paducah, Ky.-Mo. <sup>33</sup>	12.24	13.19	12.48	13.36	175	152
Puget Sound, Wash. <sup>34</sup>	11.64	12.56	12.63	13.52	1,189	1,176
Red River Valley, Texas-Okla. <sup>35</sup>	12.40	13.47	12.92	13.86	132	116
Rio Grande Valley, N. Mex.-Texas-Colo. <sup>36</sup>	12.35	13.25	13.13	14.02	150	144
St. Louis-Ozarks, Mo.-Ill.-Ark. <sup>37</sup>	11.77	12.63	12.37	13.27	3,105	3,089
Southeastern Florida <sup>38</sup>	13.74	14.64	13.92	14.81	98	68
Southern Illinois <sup>39</sup>	11.86	12.77	12.31	13.20	1,652	1,535
Southern Michigan <sup>40</sup>	11.74	12.62	12.38	13.27	6,365	6,432
Tampa Bay, Fla. <sup>41</sup>	13.47	14.39	13.71	14.62	128	142
Tennessee Valley, Tenn.-Va.-W. Va.-Ky.-Ga. <sup>42</sup>	12.44	13.27	12.89	13.75	1,749	1,712
Texas <sup>43</sup>	12.64	13.51	13.10	13.99	2,860	2,866
Texas Panhandle, Texas-Okla. <sup>44</sup>	12.69	13.64	13.05	13.92	132	102
Upper Florida <sup>45</sup>	13.45	14.28	13.63	14.51	210	224
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa <sup>46</sup>	11.15	12.10	11.90	12.79	13,781	14,435
Western Colorado <sup>47</sup>	12.57	13.60	12.78	13.68	63	62
Wichita, Kans. <sup>48</sup>	12.00	12.67	12.59	13.47	475	532

<sup>1</sup>Minimum blend price in market pools; weighted average of dealers' blend prices in individual-handler pools; weighted average of base and excess payments used. <sup>2</sup>Excludes producer-handlers who purchase no milk from other producers. <sup>3</sup>Rapid City, South Dakota. <sup>4</sup>Phoenix. <sup>5</sup>Little Rock. <sup>6</sup>Peoria. <sup>7</sup>Zone I (Chicago). <sup>8</sup>Class I and blend price at Milwaukee (Zone 4) 9 cents less. <sup>9</sup>Denver. <sup>10</sup>Zone I (Erie, Pennsylvania). <sup>11</sup>Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. <sup>12</sup>Sioux Falls. <sup>13</sup>Atlanta. <sup>14</sup>Salt Lake City, Utah. <sup>15</sup>Kansas City and Topeka. <sup>16</sup>Monroe and Shreveport. <sup>17</sup>Indianapolis. <sup>18</sup>Spokane, Washington. <sup>19</sup>Zone I (Des Moines). <sup>20</sup>Class I prices at other points in the marketing area: Rock Island, IL., minus seven cents; and Waterloo, minus 16 cents. <sup>21</sup>Las Vegas, Nevada. <sup>22</sup>Zone I (Marquette). <sup>23</sup>Philadelphia. <sup>24</sup>Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. <sup>25</sup>Zone I (Omaha).

Agricultural Marketing Service. Compiled from reports of market administrators.

MILK MARKETS

373

prices at 3.5 percent fat test, f.o.b. city plants, unless indicated otherwise, number of percentage, average daily deliveries per producer, and average fat test of milk delivered

Producer deliveries <sup>2</sup>		Producer deliveries used in Class I		Class I utilization percentage		Daily deliveries per producer		Average fat test	
1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>
80	76	50	48	63	63	2,467	2,546	3.68	3.63
879	982	589	616	67	63	16,458	17,800	3.59	3.61
383	413	332	342	87	83	1,974	1,932	3.54	3.54
232	186	137	116	59	62	1,511	1,463	3.73	3.77
10,628	11,583	2,998	2,999	28	26	1,722	1,811	3.74	3.71
894	897	648	655	72	73	2,675	2,816	3.59	3.59
3,369	3,379	2,036	1,979	60	59	1,400	1,447	3.68	3.67
280	285	136	137	49	48	1,691	1,813	3.64	3.66
1,563	1,529	1,203	1,185	77	78	3,147	3,343	3.64	3.62
764	842	463	479	61	57	2,923	3,344	3.55	3.55
827	971	472	463	57	48	1,763	1,941	3.63	3.61
605	586	514	501	85	86	2,384	2,380	3.66	3.62
1,770	1,809	1,281	1,247	72	69	1,613	1,678	3.75	3.75
331	375	174	182	52	49	3,156	3,430	3.61	3.61
1,907	2,174	748	754	39	35	1,587	1,697	3.73	3.71
131	146	92	109	70	74	7,664	9,101	3.31	3.37
1,140	1,251	688	732	60	58	1,486	1,520	3.68	3.70
79	71	70	64	88	91	5,543	6,071	3.52	3.63
306	334	258	280	84	84	2,230	2,201	3.63	3.66
72	50	43	32	60	64	1,218	1,161	3.68	3.67
5,391	5,634	2,966	2,899	54	52	2,046	2,112	3.67	3.67
531	616	320	344	60	56	1,712	1,775	3.68	3.69
1,099	1,190	533	528	48	44	1,944	2,079	3.70	3.68
30	10	12	5	38	48	1,773	1,876	3.69	3.67
5,089	5,221	2,926	2,879	58	55	1,860	1,940	3.64	3.62
1,124	1,215	789	822	70	68	1,883	1,903	3.65	3.61
10,157	10,560	4,594	4,612	45	44	1,581	1,644	3.62	3.62
2,997	2,985	1,855	1,813	62	61	1,449	1,497	3.72	3.69
760	946	560	609	74	64	2,131	2,272	3.60	3.60
1,493	1,562	821	814	55	52	4,225	4,424	3.74	3.76
101	82	84	71	83	87	1,592	1,499	3.69	3.68
1,854	1,938	768	773	41	40	4,272	4,502	3.66	3.64
63	44	48	34	76	78	2,136	2,170	3.61	3.58
530	552	352	350	66	63	12,316	13,238	3.48	3.52
1,951	2,057	1,272	1,250	65	61	1,722	1,820	3.65	3.64
788	767	735	719	93	94	22,822	30,348	3.43	3.42
957	948	576	562	60	59	1,590	1,687	3.71	3.70
4,239	4,455	2,248	2,245	53	50	1,824	1,892	3.68	3.67
549	600	490	544	89	91	11,193	11,010	3.46	3.46
1,186	1,258	893	919	75	73	1,856	2,011	3.71	3.70
3,327	3,591	2,683	2,757	81	77	3,192	3,425	3.57	3.55
88	104	75	89	85	85	3,062	5,356	3.51	3.52
741	755	688	681	93	90	10,236	9,391	3.46	3.45
7,756	8,489	1,573	1,523	20	18	1,543	1,608	3.71	3.69
77	80	67	74	88	93	3,433	3,648	3.65	3.65
318	398	211	196	66	49	2,137	2,304	3.65	3.62

<sup>22</sup> Pittsburgh, Kansas. <sup>23</sup> Zone I (Boston). Price at 201-210 mile zone: Class I and blend, are 50 cents less. Class I and blend price at Hartford is 11 cents less. <sup>24</sup> Zone I (New Orleans). <sup>25</sup> New York metropolitan area. Price excludes a 15-cent direct delivery differential. Prices at 201-210 mile zone: Class I and blend 36 cents less. <sup>26</sup> Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) five cents more. <sup>27</sup> Oklahoma City. <sup>28</sup> Portland. <sup>29</sup> District I (Seattle). <sup>30</sup> Wichita Falls, Texas. <sup>31</sup> Albuquerque, Santa Fe, and El Paso. <sup>32</sup> Zone I (St. Louis and Springfield). <sup>33</sup> Miami. <sup>34</sup> Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) seven cents more. <sup>35</sup> Price excludes direct delivery differential applicable to milk delivered to Detroit of 10 cents. <sup>36</sup> Bristol, Chattanooga, and Knoxville. <sup>37</sup> Zone I (Dallas). Class I price at Houston plus 36 cents. <sup>38</sup> Amarillo. <sup>39</sup> Jacksonville and Tallahassee. <sup>40</sup> Zone I (Minneapolis). <sup>41</sup> Grand Junction. <sup>42</sup> Zone I (Wichita).

Table 543.—Milk markets under Federal marketing programs: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1979 and 1980<sup>1</sup>

Marketing area	Whole milk <sup>2</sup>				Lowfat and skim milk items <sup>3</sup>				Total			
	Quantity		Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test	
	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>
Black Hills, South Dakota	14,596	14,073	3.29	3.30	20,335	19,860	1.91	1.96	34,931	33,933	2.48	2.51
Central Arizona	356,683	357,476	3.51	3.51	239,584	265,954	1.52	1.55	596,267	623,429	2.71	2.67
Central Arkansas	167,885	170,392	3.36	3.34	81,507	88,694	1.51	1.51	249,392	259,086	2.76	2.71
Central Illinois	107,172	92,416	3.24	3.25	124,136	124,290	1.68	1.73	231,307	216,707	1.98	2.08
Chicago Regional, Ill.-Wis	1,485,539	1,368,186	3.30	3.28	1,424,409	1,520,314	1.64	1.69	2,909,948	2,888,500	2.05	2.09
Eastern Colorado, Colo.-Kans	312,057	304,542	3.31	3.31	304,304	319,257	1.77	1.71	616,361	623,799	2.55	2.49
Eastern Ohio-Western Pa., Ohio-W. Va.-Pa	1,413,528	1,315,599	3.29	3.28	673,438	725,583	1.72	1.74	2,086,967	2,041,182	2.34	2.34
Eastern South Dakota, S. Dakota- Iowa-Minn	35,467	31,134	3.28	3.27	77,391	82,425	1.73	1.72	112,858	113,559	2.22	2.15
Fort Smith, Arkansas	15,658	16,117	3.29	3.31	9,522	9,887	1.43	1.42	25,180	26,004	2.59	2.59
Georgia	640,744	652,993	3.29	3.27	377,847	371,551	1.24	1.19	1,018,591	1,024,543	2.05	2.12
Great Basin, Utah-Nev.-Wyo	174,006	176,807	3.29	3.28	279,086	286,273	1.88	1.87	453,091	463,080	2.42	2.41
Greater Kansas City, Mo.-Kans	267,765	251,770	3.28	3.27	249,801	256,881	1.54	1.55	517,566	508,651	2.44	2.40
Greater Louisiana	459,253	454,131	3.54	3.53	126,100	133,059	1.55	1.49	585,353	587,190	3.11	3.07
Indiana	562,427	521,455	3.29	3.30	671,984	704,942	1.73	1.73	1,234,411	1,226,397	1.98	2.00
Inland Empire, Wash.-Idaho	50,294	43,795	3.30	3.30	108,523	99,818	1.75	1.76	158,817	143,613	2.24	2.23
Iowa, Iowa-III	245,345	231,767	3.35	3.33	447,565	468,437	1.66	1.67	692,910	700,205	2.26	2.22
Lake Mead, Nev.-Utah	93,339	92,129	3.34	3.42	51,511	59,241	1.85	1.85	144,850	151,370	2.81	2.80
Louisville-Lex.-Evans, Ky.-Ind	328,909	314,666	3.27	3.25	342,451	354,541	1.76	1.75	671,360	669,207	2.06	2.04
Lubbock-Plainview, Texas	56,801	54,363	3.36	3.36	18,056	16,862	1.44	1.46	74,857	71,225	2.90	2.91
Memphis, Tenn.-Miss.-Ark	156,531	154,960	3.37	3.36	69,883	71,532	1.24	1.28	226,414	226,493	2.71	2.70
Michigan Upper Peninsula, Mich.-Wis	46,789	37,993	3.33	3.33	51,282	50,276	1.72	1.76	98,071	88,269	1.85	2.06
Middle Atlantic, Del.-D.C.-Md.- N. J.-Pa.-Va.	1,975,200	1,923,003	3.30	3.29	883,644	913,790	1.30	1.34	2,858,844	2,836,793	2.24	2.30
Nashville, Tenn.-Ky	237,357	224,543	3.32	3.32	131,686	135,861	1.47	1.46	369,043	360,404	2.66	2.62
Nebraska-Western Iowa, Nebr- Iowa, S. Dak	234,849	217,063	3.32	3.31	269,336	282,189	1.65	1.65	504,185	499,251	2.43	2.37
Neosho Valley, Kans.-Mo	48,730	41,049	3.30	3.29	25,471	23,412	1.46	1.54	74,201	64,462	2.67	2.65
New England, Mass.-Conn.- N. H.-R. I.-Vt	2,225,036	2,152,554	3.34	3.30	662,802	695,957	.96	.95	2,887,838	2,848,510	2.34	2.37
New Orleans-Mississippi, La.-Miss	577,808	553,530	3.56	3.53	161,624	169,156	1.33	1.31	739,431	722,686	3.07	3.01
Ohio Valley, Ind.-Ky.- Mich.-Ohio-W. Va	1,097,613	963,054	3.26	3.25	880,698	936,080	1.68	1.68	1,978,312	1,899,134	2.04	2.12
Oklahoma Metropolitan	303,933	301,664	3.28	3.31	108,344	107,928	1.45	1.49	412,277	409,592	2.80	2.83
Oregon-Washington	350,215	322,741	3.36	3.36	503,300	518,181	1.79	1.79	853,515	840,922	2.43	2.39

Paducah, Ky.-Mo . . . . .	59,717	60,050	3.23	3.23	29,719	32,516	1.41	1.48	89,436	92,566	2.63	2.62
Puget Sound, Wash . . . . .	271,974	263,698	3.31	3.31	410,721	417,877	1.81	1.79	682,695	681,575	2.41	2.38
Red River Valley, Okla.-Texas . . . . .	111,390	111,730	3.34	3.31	23,081	28,800	1.17	1.47	134,471	140,530	2.97	2.93
Rio Grande Valley, N. Mex.- Texas-Colo . . . . .	298,364	299,248	3.36	3.37	87,818	91,407	1.44	1.42	386,182	390,655	2.92	2.92
St. Louis-Ozarks, Mo.-Ill.-Ark . . . . .	333,728	317,719	3.24	3.25	321,078	341,700	1.51	1.56	654,806	659,419	2.39	2.38
Southeastern Florida . . . . .	523,972	542,269	3.32	3.33	224,362	229,911	1.31	1.31	748,334	772,180	2.34	2.41
Southern Illinois . . . . .	248,902	227,861	3.23	3.26	258,029	271,944	1.69	1.74	506,931	499,804	2.04	2.09
Southern Michigan . . . . .	1,360,782	1,271,305	3.27	3.26	776,263	814,330	1.04	1.09	2,137,045	2,085,635	2.09	2.03
Tampa Bay, Fla . . . . .	379,502	394,240	3.27	3.27	182,225	202,634	1.10	1.09	561,727	596,874	2.18	2.30
Tenn. Val., Tenn.-Ky.-Va.-W.Va.-Ga . . . . .	393,493	380,127	3.31	3.27	350,189	362,347	1.58	1.56	743,682	742,474	2.50	2.43
Texas . . . . .	1,918,184	1,924,222	3.34	3.33	605,390	652,650	1.21	1.25	2,523,574	2,576,872	2.83	2.80
Texas Panhandle, Texas-Okla . . . . .	73,021	76,014	3.36	3.36	18,048	20,707	1.45	1.41	91,069	96,720	2.98	2.94
Upper Florida . . . . .	471,982	456,768	3.27	3.27	187,272	194,378	1.17	1.16	659,255	651,146	2.14	2.26
Upper Midwest, Minn.-Wis.- N.D.-S.D.-Iowa . . . . .	353,723	326,466	3.28	3.28	1,041,288	1,061,824	1.50	1.49	1,395,010	1,388,290	1.61	1.64
Western Colorado . . . . .	29,259	30,178	3.29	3.28	23,974	27,464	1.82	1.68	53,233	57,642	2.63	2.52
Wichita, Kansas . . . . .	111,692	109,202	3.29	3.27	85,178	90,032	1.51	1.48	196,870	199,234	2.52	2.46

<sup>1</sup>In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, 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 and flavored whole milk.

<sup>3</sup>Plain, fortified, and flavored skim and lowfat milk and buttermilk.

Agricultural Marketing Service. Compiled from reports of market administrators.

**Table 544.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1966–80**

Year	Milk cows, per head <sup>1</sup>	Milk per 100 pounds <sup>2</sup>						Milkfat in cream, per pound <sup>4</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>	<i>Cents</i>
1966	246.00	5.17	3.70	3.97	3.69	4.81	3.69	67.2
1967	260.00	5.43	3.69	4.06	3.68	5.02	3.69	68.2
1968	274.00	5.67	3.67	4.22	3.67	5.24	3.67	68.4
1969	300.00	5.87	3.68	4.45	3.67	5.49	3.67	68.9
1970	332.00	6.05	3.67	4.70	3.65	5.71	3.66	70.0
1971	358.00	6.19	3.67	4.86	3.65	5.87	3.66	69.1
1972	393.00	6.38	3.68	5.08	3.66	6.07	3.68	67.5
1973	496.00	7.42	3.66	6.20	3.65	7.14	3.66	67.2
1974	500.00	8.66	3.67	7.13	3.66	8.33	3.67	63.5
1975	412.00	9.02	3.67	7.63	3.66	8.75	3.67	70.3
1976	477.00	9.93	3.67	8.56	3.65	9.66	3.66	83.4
1977	504.00	9.96	3.65	8.70	3.66	9.72	3.65	92.0
1978	675.00	10.80	3.66	9.65	3.67	10.00	3.67	102.0
1979	1,040.00	12.20	3.65	11.10	3.68	12.00	3.66	119.0
1980	1,190.00	13.20	3.65	12.00	3.67	13.00	3.65	( <sup>5</sup> )

  

Year	Prices paid by plants for manufacturing grade milk of average fat test for specific purposes <sup>6</sup>							
	Milk for evaporated milk <sup>7</sup>		Milk for butter and byproducts		Milk for cheese			
					American cheese		All cheese	
	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>
1966	3.98	3.88	3.90	3.68	4.03	3.75	3.04	3.73
1967	4.10	3.87	4.08	3.69	4.06	3.74	4.05	3.73
1968	4.21	3.83	4.25	3.68	4.22	3.73	4.23	3.73
1969	4.41	3.82	4.42	3.67	4.51	3.72	4.54	3.72
1970	4.52	3.80	4.62	3.61	4.76	3.68	4.80	3.68
1971	4.68	3.79	4.82	3.61	4.89	3.68	4.92	3.67
1972	4.76	3.72	5.00	3.63	5.15	3.68	5.18	3.67
1973	5.64	3.67	6.10	3.61	6.33	3.67	6.35	3.66
1974	7.13	3.64	7.00	3.63	7.16	3.67	7.19	3.67
1975	7.40	3.62	7.60	3.65	7.70	3.68	7.75	3.68
1976	8.32	3.63	8.39	3.60	8.60	3.65	8.65	3.66
1977	8.45	3.60	8.58	3.60	8.73	3.66	8.77	3.67
1978	9.22	3.60	9.54	3.63	9.71	3.68	9.76	3.68
1979	10.64	3.57	10.84	3.65	11.09	3.69	11.14	3.69
1980	11.49	3.56	11.95	3.64	12.04	3.68	12.08	3.68

<sup>1</sup> Simple average of monthly 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.

<sup>4</sup> Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold.

<sup>5</sup> Estimate discontinued.

<sup>6</sup> Monthly average prices and tests weighted by estimated production in each month. Price f.o.b. factory or local receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>7</sup> Includes milk for canned condensed milk.

Statistical Reporting Service.



Table 545.—Dairy products: Factory production of specified items, by States, 1978-80

State	Butter			Total American cheese <sup>2</sup>			Total cheese <sup>3</sup>		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala									
Ariz									
Ark				8,758			15,543	16,720	19,960
Calif	138,935	146,967	185,184	15,372	23,533	47,742	136,956	151,802	181,463
Colo	5,901	4,851	5,634						
Conn							6,502	6,224	4,323
Del									
Fla									
Ga									
Idaho	7,214	7,516		67,981	72,076	82,487	92,811	97,999	109,351
Ill	3,709	3,495		6,688	5,858	4,151	90,213	96,968	98,500
Ind	12,263	10,476		28,418	37,539	45,236	31,245	37,539	45,236
Iowa	35,268	22,161	22,136	91,301	96,967	96,517	178,951	191,794	204,577
Kans	13,103	11,862	16,351	23,683	20,675	25,116	29,616	23,391	30,605
Ky	13,873			44,441	43,799	35,355	67,218	64,920	59,499
La									
Maine									
Md									
Mass							7,780	6,255	5,099
Mich	28,455	31,837	36,709	20,796	20,828	25,288	32,347	31,590	35,343
Minn	170,575	154,872	162,911	381,597	419,304	453,459	451,569	479,952	512,361
Miss				9,609	8,432	8,584	9,789	8,636	8,788
Mo	21,921	22,260	28,203	49,921	46,595	51,589	85,279	92,250	100,796
Mont	1,947	1,796	1,938						
Nebr				29,448	19,049	19,586	59,245	69,744	70,412
Nev									
N.H.									
N.J.							21,788	25,569	28,326
N. Mex									
N.Y.	35,231	35,851	47,035	81,766	87,672	75,530	282,927	304,400	319,579
N.C.									
N. Dak	6,099	6,496	6,701	49,776	44,952	48,186	49,776	44,952	48,186
Ohio	29,935	25,828	27,028	29,880	32,913	35,111	87,848	95,147	95,166
Okla	24,022	18,807							
Oreg	14,280	13,805	14,091	27,310	31,634	34,380	27,439	31,887	34,683
Pa	38,412	48,814	59,172	35,406			95,617	93,908	101,262
R.I.									
S.C.									
S. Dak	10,188	11,196	10,691	42,727	48,706	55,683	63,604	70,110	78,836
Tenn	20,675	21,697		18,892	20,279	21,826	30,390	30,492	32,148
Tex							12,177		
Utah	4,654	4,889	5,592	40,315	41,326	50,263	60,464	62,828	71,659
Vt	5,018	4,372		22,845	22,306	26,102	67,388	71,226	79,836
Va				5,234	5,497	6,131	5,234	5,497	6,930
Wash	29,751	34,010	40,793	23,938	31,273	29,928	40,836	46,274	45,147
W. Va									
Wis	249,822	255,900	289,178	877,226	926,301	993,926	1,332,005	1,400,829	1,484,251
Wyo									
U.S. <sup>4</sup>	994,290	984,604	1,145,254	2,074,202	2,189,899	2,374,619	3,519,684	3,717,241	3,983,129

See footnotes at end of table.

Table 545.—Dairy products: Factory production of specified items, by States, 1978-80—Continued

State	Evaporated and sweetened condensed whole milk (case goods) <sup>5</sup>			Nonfat dry milk for human food			Total ice cream		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Ala							12,315	12,464	12,602
Ariz							6,454	6,208	6,361
Ark							4,714	4,301	4,503
Calif				156,897	188,446	242,616	88,230	89,111	90,714
Colo							8,728	9,066	9,607
Conn							18,662	22,362	20,387
Del									
Fla							31,149	32,553	34,767
Ga							5,849	5,976	6,012
Idaho				7,523			3,257	3,216	
Ill							39,956	38,288	38,147
Ind							26,624	24,312	22,466
Iowa				77,512	70,181	82,626	11,376	13,491	
Kans							5,969	6,340	7,711
Ky							5,192		
La							9,167	8,326	8,235
Maine							4,202	625	467
Md							20,424	20,056	17,721
Mass							42,909	42,463	43,986
Mich				48,469	54,777	66,214	34,909	33,068	36,637
Minn				174,993	150,596	171,186	31,879	32,523	32,888
Miss							4,822	4,747	4,895
Mo							17,940	17,902	16,847
Mont							1,731	1,794	1,963
Nebr							10,156	10,299	9,125
Nev							1,162	1,088	1,186
N.H.							1,093	1,031	1,237
N.J.							5,837	5,747	11,310
N. Mex								3,151	3,237
N.Y.				44,303	42,152	56,789	61,234	61,903	57,871
N.C.							26,341	26,922	26,764
N. Dak				4,983	5,498	4,900	2,432	2,379	2,459
Ohio	133,341	141,907	132,056	34,189	28,886	38,087	49,035	46,590	49,020
Okla				10,594			8,893	8,716	9,565
Oreg							7,952	8,594	8,169
Pa				18,959	20,949	48,301	71,551	73,746	79,939
R.I.							1,466	1,401	1,110
S.C.							14,872	10,877	10,237
S. Dak				36,156	34,786	38,536	109		
Tenn							19,417	18,371	18,751
Tex							37,435	38,751	38,987
Utah							7,322	7,878	8,198
Vt							201	272	298
Va							8,175	7,822	8,781
Wash							16,257	17,139	17,040
W. Va							2,520	2,252	2,359
Wis				110,283	98,036	118,624	18,885	18,084	21,580
Wyo									
U.S. <sup>4</sup>	787,866	796,076	724,665	920,422	908,713	1,160,691	815,360	811,079	829,798

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.<sup>3</sup> Includes full-skim American cheese; excludes cottage cheese.<sup>4</sup> Includes data for individual States which have less than 3 plants and are not shown separately.<sup>5</sup> Combined to avoid disclosure of individual operations.

Statistical Reporting Service.

Table 546.—Dairy products: Quantities manufactured, United States, 1973-80

Product	1973	1974	1975	1976	1977	1978	1979	1980 <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>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter	918,618	961,724	983,791	978,631	1,085,595	994,290	984,604	1,145,254
American cheese:								
Whole milk	1,672,515	1,858,602	1,654,580	2,048,828	2,043,063	2,074,202	2,189,899	2,374,619
Part skim	5,117	3,703	5,368	4,951	4,110	4,866	4,395	5,381
Swiss cheese (including block)	164,221	175,345	173,758	196,327	189,259	209,362	213,283	218,940
Munster cheese	45,687	48,640	52,090	55,326	55,419	59,313	63,611	69,982
Brick cheese	23,119	23,545	19,593	19,252	15,887	16,883	14,385	15,373
Limburger cheese	2,586	2,436	1,902	1,876	1,723	1,606	1,562	1,564
Cream and Neufchatel cheese	139,664	150,258	160,298	168,020	176,421	198,255	212,292	228,587
Blue cheese	29,759	28,262	28,506	33,885	34,776	35,347	34,628	33,043
All Italian varieties of cheese	565,270	606,096	671,860	747,405	793,489	875,656	929,090	982,731
All other varieties of cheese <sup>2</sup>	37,412	40,483	43,452	44,376	44,388	44,194	54,096	52,909
Total of all cheese <sup>2</sup>	2,685,350	2,937,370	2,811,407	3,320,246	3,358,535	3,519,684	3,717,241	3,983,129
Cottage cheese:								
Curd <sup>3</sup>	763,016	689,660	700,975	711,141	684,481	688,399	668,546	665,339
Creamed <sup>3</sup>	958,203	855,682	861,669	874,605	877,978	870,529	839,735	822,602
Lowfat <sup>3</sup>	128,019	121,941	129,316	135,364	139,007	153,139	150,383	178,318
Sweetened condensed milk:								
Bulk goods:								
Skimmed	70,636	44,137	32,156	51,939	63,738	44,634	46,527	45,681
Unskimmed	76,999	69,387	76,270	89,207	78,240	80,678	81,283	63,763
Unsweetened condensed milk (plain, condensed):								
Bulk goods:								
Skimmed	808,103	670,266	718,542	720,988	782,555	717,209	689,200	685,881
Unskimmed	159,360	180,120	214,389	181,421	166,113	144,742	157,880	156,406
Evaporated and condensed milk:								
Case goods:								
Skimmed	15,276	17,413	10,673	9,929	8,097	10,407	14,175	15,793
Unskimmed	1,102,183	1,035,209	926,923	932,123	818,927	787,866	796,076	724,665
Condensed or evaporated buttermilk	11,385	16,425	24,884	22,907	30,344	39,500	40,889	40,016
Dry buttermilk	43,275	45,280	42,834	46,279	53,231	47,613	44,671	43,875
Dry whole milk	77,965	67,721	63,086	78,088	69,379	74,617	85,320	82,712
Nonfat dry milk	916,570	1,019,916	1,011,454	926,183	1,106,619	920,422	908,713	1,160,691
Dry skim milk (animal feed)	9,752	5,623	7,934	5,915	7,884	6,488	6,129	6,944
Dry whey	772,440	851,351	595,590	661,761	627,803	711,490	732,941	691,045
	<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>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream	773,674	781,971	836,552	818,241	809,849	815,360	811,079	829,798
Sherbet (does not include water ices)	53,231	49,932	48,542	49,589	49,783	48,034	45,124	45,187
Ice milk <sup>4</sup>	291,698	296,100	298,789	286,176	307,949	310,063	296,653	292,549

<sup>1</sup> Preliminary.<sup>2</sup> Includes full-skim American cheese beginning 1974.<sup>3</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 and has not been legal in interstate commerce, but, beginning 1972, is legal under Federal standards if its content of milkfat is not less than 0.5 percent and not more than 2.0 percent by weight.<sup>4</sup> Includes freezer-made milkshake in most States.

Statistical Reporting Service.

**Table 547.—Mellorine-type frozen desserts: Production by States, United States totals, 1966-80**

Year	Ala- bama	Ari- zona	Ar- kansas	Calif- ornia	Illinoi- s	Louis- iana	Mis- souri	Mon- tana	Okla- homa	Ore- gon	Texas	United States <sup>1</sup>
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1966	160	1,032	1,569	15,550	1,888	1,395	2,144	339	2,622	850	23,257	51,555
1967	139	1,194	1,714	16,099	2,089	1,331	1,952	382	2,778	999	23,692	53,683
1968	147	1,055	1,355	15,509	3,401	1,351	2,206	503	2,629	1,013	23,526	55,829
1969	120	1,022	1,454	14,347	3,961	1,214	2,968	491	2,664	976	23,176	55,566
1970	55	870	1,370	13,076	4,150	984	2,318	.....	1,940	1,055	22,793	51,878
1971	.....	671	1,264	11,668	3,947	572	2,060	.....	1,829	1,137	21,994	48,378
1972	.....	574	1,050	10,971	3,790	511	1,899	.....	1,719	927	20,660	45,447
1973	.....	527	903	9,759	3,226	345	1,522	.....	1,380	766	18,813	39,775
1974	.....	526	922	8,295	1,915	336	1,377	.....	1,198	532	17,008	34,605
1975	.....	546	713	6,747	1,402	217	993	.....	1,037	532	15,833	30,038
1976	.....	437	656	5,258	1,140	112	889	.....	657	402	11,507	23,284
1977	.....	393	571	4,077	1,004	116	752	.....	536	295	9,100	18,795
1978	.....	.....	468	3,421	954	32	527	.....	456	261	7,949	16,264
1979	.....	.....	413	2,725	1,070	.....	519	58	375	230	6,913	15,674
1980 <sup>2</sup>	.....	.....	393	2,263	912	.....	487	.....	241	203	6,052	13,190

<sup>1</sup> Includes several minor producing States which are not shown separately.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 548.—Dairy products: Manufacturers' average selling price of specified products, United States, 1966-80**

Year	Unsweetened evapo- rated milk, per case of 48 14½-ounce cans, f.o.b. factory	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound, f.o.b. factory	Dry whole milk, per pound, f.o.b. factory <sup>1</sup>
	Dollars	Cents	Cents	Cents
1966	6.73	18.19	14.47	39.90
1967	7.05	19.92	15.01	40.63
1968	7.26	22.36	17.01	43.60
1969	7.50	23.50	16.75	43.82
1970	7.98	26.30	16.30	45.76
1971	6.95-9.24	30.72	20.67	46.47
1972	7.52-9.31	32.70	25.41	48.36
1973	8.10-9.26	45.79	34.51	57.95
1974	10.18-12.75	58.37	37.74	66.08
1975	10.98-14.15	62.13	37.93	71.30
1976	11.88-14.77	63.30	34.60	79.24
1977	12.05-15.62	66.65	32.02	80.69
1978	( <sup>2</sup> )	71.01	33.14	89.63
1979	( <sup>2</sup> )	79.94	35.63	101.58
1980	( <sup>2</sup> )	88.58	40.31	110.97

<sup>1</sup> Includes milk sold in bulk and in package.<sup>2</sup> Estimate discontinued.

Statistical Reporting Service.

**Table 549.—Dairy products: Manufacturers' stocks, end of month, United States, 1979 and 1980**

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1979	1980	1979	1980	1979	1980
	<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 . . . . .	65,963	75,282	4,869	4,667	36,962	85,540
February . . . . .	56,360	73,889	4,562	4,595	40,797	80,477
March . . . . .	49,569	76,243	4,257	6,103	50,534	83,706
April . . . . .	68,330	88,582	5,762	4,384	84,449	114,378
May . . . . .	90,316	105,829	7,120	4,772	110,136	140,413
June . . . . .	117,060	115,841	8,572	6,274	128,341	137,383
July . . . . .	134,686	127,761	8,202	6,508	123,207	118,685
August . . . . .	131,670	131,746	7,164	4,484	110,228	109,468
September . . . . .	129,245	119,629	6,077	2,981	96,007	76,203
October . . . . .	118,773	93,382	4,908	3,397	92,871	75,348
November . . . . .	88,441	75,553	4,910	5,035	84,386	69,514
December . . . . .	76,688	51,794	4,312	5,268	92,563	85,041

Statistical Reporting Service.

**Table 550.—Dairy products: Cold-storage holdings, first of month, United States, 1979 and 1980**

Month	Creamery butter		American Cheese		Swiss cheese		Total natural cheese <sup>1</sup>	
	1979	1980	1979	1980	1979	1980	1979	1980
	<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 . . . . .	206,653	191,033	361,444	399,753	12,420	13,920	445,142	515,791
February . . . . .	214,840	205,625	367,287	399,546	13,618	12,477	453,657	508,920
March . . . . .	210,073	217,155	362,980	387,704	12,067	12,401	448,564	495,147
April . . . . .	218,212	238,060	377,599	405,149	12,648	11,409	462,162	510,476
May . . . . .	239,657	281,719	416,883	438,548	12,923	11,365	504,342	544,360
June . . . . .	260,104	295,909	431,949	472,093	13,707	12,575	529,280	582,651
July . . . . .	258,279	307,995	461,581	507,672	15,149	13,950	562,391	620,026
August . . . . .	239,102	306,368	460,139	501,153	15,074	13,918	558,735	613,814
September . . . . .	220,449	302,916	456,778	498,151	13,536	14,222	551,170	610,562
October . . . . .	200,481	301,506	436,436	484,401	13,892	11,794	536,457	590,922
November . . . . .	182,118	302,709	424,228	462,271	13,523	12,205	528,215	565,417
December . . . . .	177,760	304,646	406,489	479,576	14,295	11,282	512,126	578,842

<sup>1</sup>Includes American, Swiss, and other types of natural cheese.

Statistical Reporting Service.

Table 551.—Dairy products: Dec. 31 stocks, United States, 1966–80

Year	Butter <sup>1</sup>	Cheese <sup>1,2</sup>	Evaporated milk (case goods) <sup>3</sup>	Condensed milk (case goods) <sup>4</sup>	Dry whole milk	Nonfat dry milk for human consumption <sup>1</sup>	Cream (milk equivalent)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Million pounds
1966	32,298	372,668	192,874	11,578	6,932	118,225	138
1967	168,613	429,289	190,246	5,780	6,116	256,208	96
1968	117,355	404,984	104,769	2,122	7,563	277,763	72
1969	88,636	317,566		<sup>5</sup> 149,739	6,576	221,760	93
1970	118,772	324,500		115,823	4,706	137,915	
1971	96,847	307,142		88,815	4,025	89,531	
1972	107,470	331,444		80,480	3,351	44,857	
1973	46,379	357,808		69,217	5,377	74,585	
1974	49,227	493,973		79,199	6,419	293,203	
1975	10,856	368,579		58,617	5,636	468,943	
1976	47,056	478,465		70,877	9,085	485,396	
1977	184,907	486,031		75,164	5,972	677,886	
1978	206,930	457,261		70,300	4,383	585,091	
1979	177,760	512,221		76,955	4,312	485,242	
1980 <sup>6</sup>	304,646	690,730		53,009	5,268	586,770	

<sup>1</sup> Includes Government holdings.<sup>2</sup> Excludes cottage and full-skim American cheese. Beginning 1967, includes process American cheese held by CCC.<sup>3</sup> Beginning 1968, includes stock held by CCC.<sup>4</sup> Sweetened condensed milk, unskimmed.<sup>5</sup> Total canned milk; data no longer shown separately.<sup>6</sup> Preliminary.

Economic Research Service.

Table 552.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1966–80<sup>1</sup>

Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption	
		Total	Per capita			Total	Per capita			Total	Per capita
	Billion pounds	Billion pounds	Pounds		Billion pounds	Billion pounds	Pounds		Billion pounds	Billion pounds	Pounds
1966	58.4	57.4	297	1971	54.0	53.0	280	1976	52.9	52.3	246
1967	56.9	55.7	285	1972	55.2	54.3	263	1977	52.7	52.1	242
1968	56.3	55.1	280	1973	54.2	53.4	257	1978	52.3	51.7	239
1969	55.2	54.0	272	1974	52.2	51.5	246	1979	52.5	51.9	237
1970	54.2	53.1	264	1975	52.6	52.0	246	1980 <sup>2</sup>	52.0	51.4	233

<sup>1</sup> Milk equivalent of fluid items—whole milk, low-fat fluid items, and cream—at the average annual fat test of milk produced. Civilian consumption is total consumption less military takings. Per capita consumption is based on the number of persons eating from civilian supplies.<sup>2</sup> Preliminary.

Economic Research Service.

**Table 553.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1966-80<sup>1</sup>**

Year	Butter <sup>2</sup>			Cheese <sup>3</sup>			Condensed and evaporated milk <sup>4</sup>		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian 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>
1966	1,150	1,098	5.7	1,925	1,889	9.8	2,136	1,882	9.7
1967	1,104	1,076	5.5	2,014	1,969	10.1	1,900	1,757	9.0
1968	1,228	1,115	5.7	2,133	2,083	10.6	1,899	1,745	8.9
1969	1,156	1,079	5.4	2,222	2,182	10.9	1,736	1,565	7.9
1970	1,115	1,061	5.3	2,355	2,317	11.5	1,551	1,432	7.1
1971	1,171	1,040	5.1	2,527	2,486	12.2	1,522	1,393	6.8
1972	1,094	1,017	4.9	2,759	2,719	13.2	1,445	1,313	6.4
1973	1,025	999	4.8	2,888	2,849	13.7	1,353	1,248	6.0
1974	972	956	4.6	3,117	3,071	14.6	1,278	1,175	5.6
1975	1,024	1,012	4.8	3,115	3,072	14.5	1,239	1,119	5.3
1976	945	934	4.4	3,417	3,375	15.8	1,192	1,067	5.0
1977	950	941	4.4	3,560	3,513	16.4	1,036	939	4.4
1978	974	966	4.5	3,791	3,736	17.2	1,019	899	4.2
1979	1,016	1,005	4.6	3,908	3,837	17.6	1,026	909	4.2
1980 <sup>5</sup>	1,018	1,010	4.6	3,998	3,935	17.8	999	882	4.0

  

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian 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>
1966	3,606	3,511	18.2	92	64	0.33	1,619	1,132	5.9
1967	3,578	3,483	17.8	75	51	.26	1,541	1,085	5.6
1968	3,711	3,616	18.4	78	46	.23	1,575	1,140	5.8
1969	3,674	3,579	18.0	71	44	.22	1,510	1,148	5.8
1970	3,656	3,561	17.7	71	43	.21	1,530	1,079	5.4
1971	3,676	3,581	17.5	73	32	.16	1,468	1,083	5.3
1972	3,685	3,600	17.4	76	24	.12	1,270	955	4.6
1973	3,714	3,634	17.5	76	21	.10	1,154	1,113	5.3
1974	3,753	3,679	17.5	67	15	.07	916	884	4.2
1975	4,015	3,945	18.7	63	16	.08	828	703	3.3
1976	3,928	3,858	18.1	75	33	.15	911	764	3.6
1977	3,887	3,817	17.8	72	34	.16	917	729	3.4
1978	3,914	3,844	17.7	77	56	.26	1,015	689	3.2
1979	3,893	3,823	17.5	85	66	.30	1,010	741	3.4
1980 <sup>5</sup>	4,000	3,930	17.8	83	62	.28	1,055	702	3.2

<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 civilian consumption was obtained by subtracting ending stocks, shipments, exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the number of persons eating out of civilian supplies.

<sup>2</sup>Includes both farm and factory-made butter.

<sup>3</sup>Includes all kinds of cheese except cottage and full-skim American.

<sup>4</sup>The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed), unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

<sup>5</sup>Preliminary.

Economic Research Service.

Table 554.—Dairy products: Average price per pound for specified products, 1967 and 1977-80

Item and market	1967	1977	1978	1979	1980
Butter, bulk, wholesale selling prices, New York:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Grade AA (93-score) . . . . .	0.6765	1.0251	1.1558	1.2910	1.4668
Grade A (92-score) . . . . .	.6748	1.0152	1.1407	1.2717	1.4475
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA (93-score) . . . . .	.6671	.9865	1.1058	1.2374	1.4079
Grade A (92-score) . . . . .	.6668	.9842	1.0976	1.2243	1.3934
Butter, one-pound prints, wholesale selling prices, California cities:					
Grade AA and A (93-score and 92-score) . . . . .	.7898	1.1366	1.2666	1.4327	1.6135
Butter, spot cash call prices, <sup>1</sup> Chicago Mercantile Exchange:					
Grade AA (93-score) . . . . . High	6875	1.0275	1.2350	1.3200	1.4800
. . . . . Low	6575	.8975	.9900	1.1000	1.3000
Grade A (92-score) . . . . . High	6850	1.0150	1.2100	1.2900	1.4750
. . . . . Low	6575	.8975	.9900	1.0900	1.2900
Cheese, cheddar, f.o.b. Wisconsin Assembling Points:					
Barrels . . . . .		.9132	1.0225	1.1543	1.2702
40-pound blocks . . . . .	.4522	.9683	1.0708	1.2377	1.3304
Cheese, prices <sup>1</sup> National Cheese Exchange, Inc.: <sup>2</sup>					
Cheddar, barrels . . . . . High	4200	.9400	1.0950	1.2225	1.3400
. . . . . Low	4025	.8175	.9150	1.0400	1.1700
Cheddar, 40-pound blocks . . . . . High	4400	.9750	1.1300	1.2500	1.3800
. . . . . Low	4225	.8925	.9700	1.1200	1.2050
Swiss, Grade A <sup>3</sup> . . . . . High	5050	1.2900	1.4550	1.5350	1.7300
. . . . . Low	4850	1.2050	1.2900	1.4550	1.5350
Nonfat dry milk, f.o.b. plant, Central States Production Area:					
Extra Grade <sup>4</sup> . . . . .	<sup>5</sup> .2075	.6660	.7181	.8024	.8859
Grade A . . . . .		.6768	.7288	.8181	.8978
Whey powder, f.o.b. plant, Central States Production Area:					
Edible (nonhygroscopic) . . . . .		.1213	.1403	.1084	.1435
Used for animal feed (spray process) . . . . .		.1106	.1250	.0929	.1191

<sup>1</sup> Prices represent high and low for the year.

<sup>2</sup> Green Bay, Wisconsin.

<sup>3</sup> Effective Nov. 7, 1980, the National Cheese Exchange rules were amended to discontinue Swiss cheese trading.

<sup>4</sup> Average for high and low heat processing.

<sup>5</sup> Includes Grade A.

Agricultural Marketing Service.



Table 555.—Butter: Production in specified countries, 1978–80

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</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>
<b>North America:</b>				<b>Europe—Continued</b>			
Canada .....	102	98	102	Bulgaria .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Mexico .....	8	8	9	Czechoslovakia .....	119	120	138
United States .....	451	447	581	German Dem. Rep. ....	281	276	285
<b>Total .....</b>	<b>561</b>	<b>553</b>	<b>692</b>	Hungary .....	29	29	32
<b>South America:</b>				Poland .....	294	293	294
Argentina .....	29	32	32	Romania .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Brazil .....	90	90	90	Yugoslavia .....	18	17	18
Chile .....	4	4	4	<b>Total Eastern Europe ..</b>	<b>741</b>	<b>735</b>	<b>767</b>
Peru .....	5	5	5	<b>Total Europe .....</b>	<b>2,948</b>	<b>2,997</b>	<b>3,033</b>
Venezuela .....	8	10	10	<b>Soviet Union .....</b>	<b>1,472</b>	<b>1,409</b>	<b>1,350</b>
<b>Total .....</b>	<b>136</b>	<b>141</b>	<b>141</b>	<b>Africa:</b>			
<b>Europe:</b>				South Africa .....	16	18	18
Belgium and Luxembourg .	106	105	95	<b>Asia:</b>			
Denmark .....	140	131	115	India .....	460	466	470
France .....	553	578	610	Japan .....	62	68	67
Germany, Fed. Rep. of ..	564	568	580	<b>Total .....</b>	<b>522</b>	<b>534</b>	<b>537</b>
Ireland .....	130	132	120	<b>Oceania:</b>			
Italy .....	79	86	88	Australia <sup>3</sup> .....	112	105	84
Netherlands .....	216	234	208	New Zealand <sup>4</sup> .....	230	255	263
United Kingdom .....	161	161	175	<b>Total .....</b>	<b>342</b>	<b>360</b>	<b>347</b>
Greece .....	7	7	7	<b>Grand total .....</b>	<b>5,997</b>	<b>6,012</b>	<b>6,118</b>
<b>Total EC .....</b>	<b>1,956</b>	<b>2,002</b>	<b>1,998</b>				
Austria .....	42	40	44				
Finland .....	72	74	73				
Norway .....	20	20	22				
Portugal .....	2	3	3				
Spain .....	19	22	25				
Sweden .....	63	65	66				
Switzerland .....	33	36	35				
<b>Total Western Europe ..</b>	<b>2,207</b>	<b>2,262</b>	<b>2,266</b>				

<sup>1</sup> Preliminary.<sup>2</sup> Not available.<sup>3</sup> Year ending June 30.<sup>4</sup> Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 556.—Cheese: Production in specified countries, 1978–80

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</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>
North America:				Europe—Continued			
Canada .....	140	167	178	Czechoslovakia .....	98	99	109
Mexico .....	130	145	155	German Dem. Rep .....	206	210	214
United States .....	1,597	1,685	1,790	Hungary .....	34	36	38
Total .....	1,867	1,997	2,123	Poland .....	365	365	362
South America:				Yugoslavia .....	140	144	145
Argentina .....	239	241	250	Total Eastern Europe ..	843	854	868
Brazil .....	220	230	240	Total Europe .....	4,857	5,015	5,172
Chile .....	12	13	14	Soviet Union .....	691	701	690
Peru .....	28	25	25	Africa:			
Venezuela .....	28	28	30	South Africa .....	27	31	31
Total .....	527	537	559	Asia and Oceania:			
Europe:				Japan .....	9	9	9
Belgium and Luxembourg ..	45	44	46	Australia <sup>2</sup> .....	112	138	150
Denmark .....	177	183	212	New Zealand <sup>3</sup> .....	81	90	106
France .....	1,063	1,100	1,150	Total .....	202	237	265
Germany, Fed. Rep. of ..	713	732	780	Grand total .....	8,171	8,518	8,840
Ireland .....	50	58	49				
Italy .....	583	601	600				
Netherlands .....	420	432	444				
United Kingdom .....	216	234	230				
Greece .....	155	174	169				
Total EC .....	3,422	3,558	3,680				
Austria .....	70	71	72				
Finland .....	71	67	70				
Norway .....	68	70	71				
Portugal .....	31	34	37				
Spain .....	137	140	150				
Sweden .....	94	96	100				
Switzerland .....	121	125	124				
Total Western Europe ..	592	603	624				

<sup>1</sup> Preliminary. <sup>2</sup> Year ending June 30. <sup>3</sup> Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 557.—Dairy products: United States imports by type of product, 1966–80

Year	Dried milk <sup>1</sup>	Cheese				Butter	Casein
		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>
1966 .....	1,289	10,829	22,757	27,848	61,434	303	48,946
1967 .....	421	10,973	27,305	30,569	68,847	307	45,210
1968 .....	814	26,685	7,122	43,418	77,225	335	52,205
1969 .....	871	14,858	7,092	43,414	65,364	308	52,666
1970 .....	799	18,281	5,172	49,547	73,000	339	61,366
1971 .....	973	16,292	4,466	40,898	61,656	285	48,054
1972 .....	727	20,996	4,674	55,679	81,349	324	47,810
1973 .....	120,913	29,593	9,602	65,028	104,223	19,880	51,178
1974 .....	52,200	35,892	48,635	58,637	143,164	5,252	51,206
1975 .....	1,121	26,717	4,834	49,862	81,413	239	26,510
1976 .....	824	34,639	3,649	55,714	94,002	255	50,867
1977 .....	831	33,978	4,246	56,760	94,984	337	65,429
1978 .....	1,120	42,010	4,880	62,988	110,998	334	62,204
1979 .....	989	42,625	4,653	65,364	113,631	357	68,415
1980 <sup>4</sup> .....	2,218	36,041	4,858	63,951	104,850	258	69,019

<sup>1</sup> Includes whole and skimmed milk. <sup>2</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.

<sup>3</sup> Beginning 1966, includes colby cheese. <sup>4</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 558.—Dairy products: United States imports by country of origin, 1978-80

Commodity and country of origin	1978	1979	1980 <sup>1</sup>	Commodity and country of origin	1978	1979	1980 <sup>1</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>
<b>Butter:</b>				<b>Cheese, Swiss:<sup>3</sup></b>			
Argentina . . . . .	46	7	...	Austria . . . . .	9,835	9,275	7,017
Denmark . . . . .	19	23	20	Denmark . . . . .	2,040	2,745	1,835
Sweden . . . . .	25	14	25	Finland . . . . .	12,189	10,041	9,280
New Zealand . . . . .	236	161	140	France . . . . .	612	830	968
Other countries . . . . .	8	152	73	Germany, Fed. Rep. of . . . . .	1,864	1,776	4,010
<b>Total . . . . .</b>	<b>334</b>	<b>357</b>	<b>258</b>	Iceland . . . . .	617	1,095	311
				Netherlands . . . . .	451	173	429
<b>Cheese, all types:</b>				Norway . . . . .	8,183	8,351	7,538
Canada . . . . .	1,286	1,783	539	Switzerland . . . . .	5,180	4,294	3,773
Argentina . . . . .	84	57	271	Other countries . . . . .	1,039	4,045	880
Austria . . . . .	1,253	1,679	958	<b>Total . . . . .</b>	<b>42,010</b>	<b>42,625</b>	<b>36,041</b>
Belgium and Luxembourg . . . . .	7	20	20				
Denmark . . . . .	7,449	7,457	10,322	<b>Milk, nonfat dry milk:</b>			
Finland . . . . .	564	1,529	1,531	Canada . . . . .	516	726	530
France . . . . .	4,429	4,872	5,453	Australia . . . . .	600	259	958
Germany, Fed. Rep. of . . . . .	476	646	2,049	New Zealand . . . . .	3	3	...
Mexico . . . . .	6	206	263	Other countries . . . . .	1	1	730
Iceland . . . . .	976	1,675	365	<b>Total . . . . .</b>	<b>1,120</b>	<b>989</b>	<b>2,218</b>
Ireland . . . . .	55	238	282				
Italy . . . . .	232	201	317	<b>Casein:</b>			
Netherlands . . . . .	204	601	282	Canada . . . . .	666	1,183	358
Norway . . . . .	515	340	286	Argentina . . . . .	1,365	663	990
Portugal . . . . .	193	155	235	Uruguay . . . . .	...	...	59
Sweden . . . . .	1,227	1,785	873	Denmark . . . . .	35	531	2,052
Switzerland . . . . .	1,598	1,237	1,385	France . . . . .	25	890	4,027
United Kingdom . . . . .	392	739	1,140	Germany, Fed. Rep. of . . . . .	99	109	260
Israel . . . . .	552	893	597	Ireland . . . . .	4,168	6,728	10,876
Czechoslovakia . . . . .	222	270	165	Norway . . . . .	914	773	893
Hungary . . . . .	49	128	51	United Kingdom . . . . .	1,359	1,248	2,529
Poland . . . . .	1,292	1,196	1,035	Poland . . . . .	1,954	931	1,590
Dominican Republic . . . . .	119	107	15	Soviet Union . . . . .	2,039	2,175	575
Azores . . . . .	78	135	247	Australia . . . . .	10,389	9,850	8,130
Australia . . . . .	3,029	4,535	2,461	New Zealand . . . . .	38,222	41,774	34,820
New Zealand . . . . .	14,145	13,855	13,219	Other countries . . . . .	969	1,560	1,860
Other countries . . . . .	212	157	741	<b>Total . . . . .</b>	<b>62,204</b>	<b>68,415</b>	<b>69,019</b>
<b>Total . . . . .</b>	<b>40,644</b>	<b>46,496</b>	<b>45,102</b>				
<b>Cheese, cheddar:<sup>2</sup></b>							
Canada . . . . .	334	289	363				
Austria . . . . .	76	135	113				
Ireland . . . . .	10	...	...				
Netherlands . . . . .	3	...	...				
United Kingdom . . . . .	44	41	173				
Australia . . . . .	1,303	926	1,192				
New Zealand . . . . .	3,102	3,260	3,017				
Other countries . . . . .	8	2	...				
<b>Total . . . . .</b>	<b>4,880</b>	<b>4,653</b>	<b>4,858</b>				

<sup>1</sup> Preliminary.

<sup>2</sup> Includes colby cheese.

<sup>3</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 559.—Dairy products: Exports by principal exporting countries, 1977-79

Commodity and country of destination	1977	1978	1979 <sup>1</sup>	Commodity and country of destination	1977	1978	1979 <sup>1</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>
<b>Butter:</b>				<b>Condensed milk:</b>			
Belgium and Luxembourg	74,000	94,000	101,000	United States <sup>1</sup>	2,408	1,819	1,533
Denmark	90,000	89,000	83,000	Denmark <sup>4</sup>	1,099	1,476	1,024
France	147,000	81,000	163,000	France	42,139	27,921	23,412
Germany, Fed. Rep. of	136,000	124,000	155,000	Netherlands	95,216	67,660	78,082
Ireland	51,000	83,000	119,000	Switzerland	4,117	3,775	.....
Netherlands	169,000	193,000	277,000	United Kingdom	1,101	1,738	2,234
Soviet Union	18,000	18,000	18,000	Australia <sup>2</sup>	2,350	2,726	.....
Australia <sup>2</sup>	34,000	34,000	50,000	Total	148,430	107,115	106,285
New Zealand <sup>2</sup>	213,000	177,000	192,000				
Total	932,000	893,000	1,158,000	<b>Milk, dried whole:</b>			
<b>Cheese:</b>				United States <sup>1</sup>	10,579	5,877	4,418
Denmark	123,000	132,000	144,000	Belgium and Luxembourg	43,831	32,075	31,363
Finland	33,000	36,000	38,000	Denmark	64,968	69,191	66,090
France	186,000	198,000	225,000	Finland	29,100	.....	.....
Germany, Fed. Rep. of	150,000	164,000	186,000	France	83,926	97,649	132,573
Ireland	38,000	42,000	61,000	Ireland	28,514	32,349	26,068
Italy	25,000	24,000	34,000	Netherlands	141,613	138,828	164,781
Netherlands	255,000	249,000	286,000	United Kingdom	15,231	26,210	33,454
Switzerland	63,000	57,000	59,000	Australia <sup>2</sup>	37,500	40,137	43,000
Australia <sup>2</sup>	53,000	44,000	52,000	Total	455,262	442,316	501,747
New Zealand <sup>2</sup>	79,000	70,000	63,000				
Total	1,005,000	1,016,000	1,148,000	<b>Milk, nonfat dry milk:</b>			
<b>Evaporated milk:</b>				Canada	166,000	123,000	93,000
United States <sup>1</sup>	13,057	14,967	17,653	United States <sup>1</sup>	74,000	122,000	89,000
Belgium and Luxembourg	790	2,005	724	Belgium and Luxembourg	71,000	91,000	145,000
France	26,847	25,570	38,338	Denmark	21,000	34,000	40,000
Netherlands	311,362	312,784	329,753	France	316,000	166,000	131,000
United Kingdom	46,673	40,196	31,292	Germany, Fed. Rep. of	250,000	489,000	611,000
Australia <sup>2</sup>	6,050	5,166	11,000	Ireland	161,000	145,000	173,000
Total	404,779	400,688	428,760	Netherlands	72,000	166,000	193,000
				United Kingdom	60,000	112,000	120,000
				Australia <sup>2</sup>	110,000	36,000	18,000
				New Zealand <sup>2</sup>	296,000	220,000	141,000
				Total	1,597,000	1,704,000	1,754,000

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.<sup>3</sup> Excludes exports for relief and charity.<sup>4</sup> Includes evaporated and other canned milk.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 560.—Dairy products: United States exports<sup>1</sup> by country of destination, 1978-80

Commodity and country of destination	1978	1979	1980 <sup>2</sup>	Commodity and country of destination	1978	1979	1980 <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>
<b>Butter:</b>				<b>Cheese, all types—Con.</b>			
Bahamas	43	62	49	Canada	1,306	1,576	1,229
Canada	13	11	50	Haiti	65	86	83
Jamaica	1	2	2	Jamaica	40	18	43
Mexico	57	46	60	Mexico	261	253	289
Trust Territory of the Pacific Islands	97	178	101	Netherlands Antilles	193	170	252
Other countries	59	125	129	Panama	376	341	318
Total	270	424	391	Trinidad and Tobago	104	57	101
				Venezuela	188	361	204
				Greece	24	17	16
<b>Cheese, all types:</b>				United Kingdom	2	12	41
Bahamas	365	244	183	Liberia	19	33	13
Bermuda	166	180	137	South Africa	3	10	30
				Japan	726	1,009	1,231

See footnotes at end of table.

Table 560.—Dairy Products: United States exports<sup>1</sup> by country of destination, 1978-80—Continued

Commodity and country of destination	1978	1979	1980 <sup>2</sup>	Commodity and Country of destination	1978	1979	1980 <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>
Cheese, all types—Con.				Milk, nonfat dry—Con.			
Hong Kong	115	137	87	Mexico	18,798	14,004	29,009
Costa Rica	105	213	306	Bolivia	3,465	1,145	3,119
Saudi Arabia	47	52	34	Brazil	177	232	266
Singapore	670	636	1,438	Colombia	7	3	..
Other countries				Paraguay	116	256	124
Total	4,775	5,405	6,035	Peru	2,829	1,097	1,245
				Venezuela	36	..	..
Evaporated milk:				Netherlands	..	844	18
Bahamas	75	86	31	Switzerland	..	..	..
Jamaica	..	..	..	United Kingdom	6	2	13
Mexico	12,918	14,735	15,597	Algeria	403	..	..
Panama	3	2	..	Egypt	2,350	97	..
Colombia	68	18	68	Mozambique	2,958	699	659
Spain	29	49	29	South Africa	175	429	273
Trust Territory of the Pacific Islands	921	1,074	745	Sudan	3,237	493	1,707
Other countries	954	1,689	965	Zaire	289	1,368	312
Total	14,967	17,653	17,435	Afghanistan	572	500	..
				Bangladesh	210	1,428	..
Condensed milk:				Hong Kong	34	19	23
Bahamas	37	30	50	India	24,841	6,307	3,402
Mexico	776	707	1,877	Indonesia	3,400	2,184	2,573
Guinea	231	31	16	Iran	..	..	..
Indonesia	..	..	..	Japan	16	57	99
Other countries	410	245	92	Lebanon	1,240	..	..
Total	1,454	1,013	2,035	Pakistan	63	942	3,361
				Philippines	84	2,359	5,300
Milk, dried whole: <sup>3</sup>				Other countries	37,319	33,173	49,426
Bahamas	8	5	..	Total	103,121	68,135	101,060
Canada	224	37	148				
Costa Rica	8	19	5	Infants' dietary supplements, dry milk base:			
El Salvador	2	44	10	Canada	304	322	610
Guatemala	67	67	100	Dominican Republic	66	110	62
Jamaica	24	14	21	Guatemala	54	37	29
Mexico	535	992	32,762	Honduras	15	25	26
Argentina	226	..	..	Jamaica	18	17	7
Bolivia	..	..	..	Mexico	211	..	2
Colombia	302	11	68	Panama	104	138	170
Venezuela	40	7	88	Ecuador	56	124	241
Austria	1	4	0	Peru	271	263	280
France	..	..	5	Greece	..	..	..
Spain	100	475	0	Ireland	8	3	10
United Kingdom	44	10	9	Egypt	..	..	..
South Africa	234	0	119	Ethiopia	..	..	..
Taiwan	629	633	571	Libya	..	..	..
Hong Kong	50	98	55	Nigeria	6	21	..
Iran	39	..	..	Taiwan	812	350	351
Japan	1,178	671	571	Hong Kong	481	979	92
Malaysia	23	0	3	Indonesia	..	..	2
Philippines	945	122	9	Iran	83	11	..
Singapore	50	7	10	Japan	4	64	92
Thailand	..	..	..	Malaysia	..	3	6
Australia	556	43	51	Philippines	44	18	43
Other countries	592	1,159	1,035	Saudi Arabia	15	8	31
Total	5,877	4,418	35,640	Singapore	..	..	2
				Thailand	..	..	..
Milk, nonfat dry:				Australia	50	172	145
Canada	224	277	101	Other countries	1,014	849	1,004
Jamaica	272	220	30	Total	3,616	3,514	3,205

<sup>1</sup> Excludes exports for relief.<sup>2</sup> Preliminary.<sup>3</sup> Dry whole milk recategorized in 1978 as "other dried milk and cream".

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 561.—Dairy products: Price-support operations, United States, 1966–80

Market- ing year <sup>1</sup>	Manufacturing milk			Butterfat			Product purchase price per pound <sup>3</sup>			Product purchases <sup>7</sup>			
	Support level		Average price re- ceived per cwt.	Support level		Average price re- ceived per cwt.	Butter ( <sup>4</sup> )	Cheddar cheese ( <sup>5</sup> )	Nonfat dry milk, spray process ( <sup>6</sup> )	Quantity		Percentage of milk and cream mar- ked by farmers	
	Per cwt.	Per- cent- age of par- ity <sup>2</sup>		Per pound	Per- cent- age of par- ity <sup>2</sup>					Milk- fat con- tent	Non- fat solids con- tent	Milk- fat con- tent	Non- fat solids con- tent
	<i>Dollars</i>	<i>Per- cent</i>	<i>Dollars</i>	<i>Cents</i>	<i>Per- cent</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Per- cent</i>	<i>Per- cent</i>	
1966	{ 3.50 *4.00	{ 78 89	{ 4.11	{ 61.6 *68.0	{ 75 83	{ 68.6	{ 60.966 *66.466 66.466 *66.442	{ 39.3 *43.75 43.75	{ 16.6 19.6 19.6 *19.85	{ 102	{ 418	{ 2.4	{ 4.3
1967	{ 4.00	{ 87	{ 4.07	{ 68.0	{ 81	{ 68.2	{ 66.442 *66.418 *66.394	{ 43.75	{ 19.6 *19.85	{ 259	{ 666	{ 6.2	{ 7.0
1968	{ 4.28	{ 89	{ 4.30	{ 66.0	{ 77	{ 68.4	{ 67.644 *66.394	{ 47.0	{ 23.35	{ 180	{ 568	{ 4.4	{ 6.0
1969	{ 4.28	{ 83	{ 4.55	{ 68.6	{ 75	{ 69.6	{ 67.644 *67.596 69.846 *69.798	{ 48.0	{ 23.35	{ 168	{ 375	{ 4.1	{ 3.9
1970	{ 4.66	{ 85	{ 4.76	{ 71.5	{ 75	{ 71.1	{ 69.711 *69.784 *69.784	{ 52.0	{ 27.2	{ 274	{ 470	{ 6.6	{ 4.9
1971	{ 4.93	{ 85	{ 4.91	{ ( <sup>17</sup> )	{ ( <sup>17</sup> )	{ 69.5	{ 67.784 *67.708	{ 54.75	{ 31.7	{ 252	{ 489	{ 6.0	{ 5.0
1972	{ 4.93 *5.29	{ 79 85	{ 5.22	{ ( <sup>17</sup> )	{ ( <sup>17</sup> )	{ 68.1	{ 67.708 *60.9	{ 54.75 *62.0	{ 31.7 *37.5	{ 209	{ 283	{ 4.9	{ 2.9
1973	{ 5.29 *5.61	{ 75 80	{ 6.95	{ ( <sup>17</sup> )	{ ( <sup>17</sup> )	{ 68.3	{ 60.9 *60.57	{ 62.0 *70.75	{ 37.5 *41.4	{ 28	{ 53	{ .7	{ .6
1974	{ 5.61 *6.57	{ 81 89	{ 6.87	{ ( <sup>17</sup> )	{ ( <sup>17</sup> )	{ 61.3	{ 68.07 *69.19	{ 70.75 *79.25	{ 56.6 *60.06	{ 92	{ 415	{ 2.2	{ 4.3
1975	{ 7.24 *7.71	{ 79 84	{ 8.12	{ ( <sup>17</sup> )	{ ( <sup>17</sup> )	{ 74.6	{ 79.69 *85.817	{ 79.25 *90.50	{ 60.06 *62.4	{ 52	{ 301	{ 1.3	{ 3.1
1976	{ 8.13 *8.26	{ 80 81	{ 8.52	{ ( <sup>17</sup> )	{ ( <sup>17</sup> )	{ *83.4	{ 85.817 *90.817	{ 90.50 *92.50	{ 62.4 *68.0	{ 127	{ 331	{ 2.9	{ 3.3
( <sup>24</sup> ) 1977	{ (9.00)	{ (82)	{ (8.65)	{ ( <sup>17</sup> )	{ ( <sup>17</sup> )	{ *83.4	{ (100.71) *100.71	{ 98.00 *98.00	{ (68.0) *68.0	{ (140)	{ (363)	{ (6.2)	{ (6.9)
1977 <sup>1</sup>	{ 9.43 *9.87	{ 86 80	{ 9.30	{ ( <sup>17</sup> )	{ ( <sup>17</sup> )	{ *92.0	{ 106.71 *111.30	{ 103.25 *106.0	{ 71.0 *73.75	{ 137	{ 345	{ 3.1	{ 3.4
1978	{ 10.76 *11.49	{ 87 80	{ 10.86	{ ( <sup>17</sup> )	{ ( <sup>17</sup> )	{ *102.0	{ 121.80 *131.33	{ 116.0 *124.0	{ 79.0 *84.0	{ 55	{ 203	{ 1.2	{ 2.0
1979	{ 12.36 *13.10	{ 86 80	{ 11.90	{ ( <sup>17</sup> )	{ ( <sup>17</sup> )	{ 11.76	{ 140.58 *149.00	{ 132.5 *139.5	{ 89.5 *94.0	{ 304	{ 679	{ 6.7	{ 6.3

<sup>1</sup> Marketing year changed from April-March to October-September on Oct. 1, 1977. <sup>2</sup> Percentage of the parity equivalent price for manufacturing milk and the parity price for butterfat as of the beginning of the marketing year. <sup>3</sup> Announced purchase prices for products in bulk containers. <sup>4</sup> Indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 80 percent of the lowest rail freight rate from Chicago to New York. <sup>5</sup> U.S. Grade A or higher, standard moisture basis. <sup>6</sup> U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 100-lb. bags, Nov. 4, 1955 through Aug. 18, 1967 and 50-lb. bags beginning Aug. 19, 1967. <sup>7</sup> Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program.) Includes purchases at market prices for domestic school lunch and welfare programs beginning with the 1966-67 marketing year and ending in the 1973-74 marketing year under Section 709 of the Food and Agriculture Act of 1965. Includes purchases with Section 32 funds for distribution to needy persons of evaporated milk beginning in the 1968-69 marketing year and purchases of dry whole milk during 1971-72 through 1974-75. Purchases were also made in 1973-74 through 1975-76 marketing year under Section 4 (a) of the Agriculture and Consumer Protection Act of 1973. <sup>8</sup> Effective June 30, 1966. <sup>9</sup> Effective Aug. 19, 1967. <sup>10</sup> Effective for product in 50-lb. bags, beginning Aug. 19, 1967. <sup>11</sup> Effective June 24, 1968. <sup>12</sup> Effective Nov. 28, 1968. <sup>13</sup> Effective Nov. 19, 1969. <sup>14</sup> Effective June 9, 1970. <sup>15</sup> Effective Nov. 20, 1970. <sup>16</sup> Effective Jan. 10, 1971. <sup>17</sup> The requirement to support butterfat was suspended by the Agricultural Act of 1970 and terminated by the Agriculture and Consumer Protection Act of 1973. <sup>18</sup> Effective Mar. 15, 1973. <sup>19</sup> Effective Aug. 10, 1973. <sup>20</sup> Effective Jan. 4, 1975. <sup>21</sup> Effective Oct. 2, 1975. <sup>22</sup> Effective Oct. 1, 1976. <sup>23</sup> Calendar year average. <sup>24</sup> Transition period. <sup>25</sup> Effective Apr. 1, 1978 (80 percent of parity as of that date). <sup>26</sup> Effective Apr. 1, 1979 (78 percent of parity as of that date). <sup>27</sup> Effective Apr. 1, 1980 (79 percent of parity as of that date).

Table 562.—Dairy products: United States exports<sup>1</sup> by type of product, 1966–80

Year	Butter	Cheese	Milk and cream			
			Evaporated (unsweetened)	Condensed (sweetened)	Whole dried	Nonfat dry milk
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1966	1,074	2,712	17,400	42,776	7,069	77,266
1967	152	2,860	15,318	13,247	5,397	63,904
1968	703	2,968	14,831	19,270	7,790	68,308
1969	244	2,590	16,849	23,668	6,308	50,633
1970	143	3,055	15,110	7,452	5,713	96,293
1971	41,192	2,948	14,820	15,947	10,708	56,337
1972	18,907	2,904	18,373	6,738	17,060	70,272
1973	1,501	3,180	18,768	895	22,427	4,716
1974	264	3,433	18,449	1,013	20,284	3,039
1975	313	3,879	24,019	957	15,783	41,074
1976	199	3,939	20,185	2,141	14,098	4,684
1977	272	4,660	13,057	2,408	10,579	17,580
1978	270	4,775	14,967	1,819	5,877	49,840
1979	424	5,405	17,968	1,531	4,418	28,828
1980 <sup>2</sup>	391	5,715	17,435	2,037	35,640	44,293

<sup>1</sup> Excludes exports for relief and charity.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 563.—Chickens: Number and value, United States, Dec. 1, 1969–80<sup>1</sup>

Year	Hens	Pullets			Other chickens	All chickens	Value per head	Total value
		Of laying age	3 months old and older not of laying age	Under 3 months old				
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969	136,874	176,649	50,832	51,083	6,658	422,096	1.28	541,453
1970	134,376	189,007	50,206	52,994	6,697	433,280	1.21	525,206
1971	136,915	181,063	50,559	46,908	6,318	421,763	1.23	517,219
1972	131,119	169,035	48,833	49,022	6,182	404,191	1.28	516,420
1973	125,708	168,095	52,026	56,854	6,086	408,769	1.62	662,509
1974	121,849	164,184	46,752	45,832	5,484	384,101	1.70	653,305
1975	122,513	157,230	48,404	46,261	5,346	379,754	1.74	659,960
1976	119,083	160,695	47,776	45,175	5,632	378,361	1.70	643,720
1977	117,645	169,032	47,653	46,191	5,997	378,238	1.69	651,851
1978	123,191	170,115	48,992	48,681	5,954	396,933	1.75	696,019
1979	120,140	174,793	50,186	49,048	6,418	400,585	1.81	726,365
1980 <sup>2</sup>	124,384	169,929	47,175	44,365	6,347	392,200	1.88	738,542

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 564.—Chickens: Hens and pullets of laying age, by States, Dec. 1, 1978–80

State	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
Ala	5,150	5,000	5,200	9,200	8,900	8,300	14,350	13,900	13,500
Alaska	14	7	16	13	17	6	27	24	22
Ariz	366	308	334	216	180	216	582	488	550
Ark	6,200	6,650	5,765	11,100	10,350	11,785	17,300	17,000	17,550
Calif	20,985	17,794	17,221	15,591	19,206	18,779	36,576	37,000	36,000
Colo	1,100	812	860	1,280	1,178	1,105	2,380	1,990	1,965
Conn	1,720	1,356	2,016	2,520	2,519	2,299	4,240	3,875	4,315
Del	243	213	117	397	297	550	640	510	667
Fla	6,557	9,921	9,532	5,935	4,023	3,102	12,492	13,944	12,634
Ga	7,648	9,100	10,045	17,852	16,600	13,709	25,500	25,700	23,754
Hawaii	619	658	593	406	341	414	1,025	999	1,007
Idaho	490	346	518	410	289	454	900	635	972
Ill	2,300	2,150	2,050	3,550	3,300	3,350	5,850	5,450	5,400
Ind	5,800	6,150	6,640	9,700	9,250	9,860	15,500	15,400	16,500
Iowa	2,500	2,880	2,350	5,900	4,820	5,550	8,400	7,700	7,900
Kans	936	865	800	1,204	1,035	930	2,140	1,900	1,730
Ky	1,050	1,050	612	1,550	1,390	1,838	2,600	2,440	2,450
La	1,353	1,050	1,250	1,393	1,670	1,240	2,746	2,720	2,490
Maine	3,860	2,209	1,567	3,810	5,155	5,246	7,670	7,364	6,813
Md	650	615	944	900	1,035	1,100	1,550	1,650	2,044
Mass	550	617	644	620	755	811	1,170	1,372	1,455
Mich	2,850	2,400	2,540	3,500	3,850	3,860	6,350	6,250	6,400
Minn	4,410	3,813	4,500	4,890	5,687	5,500	9,300	9,500	10,000
Miss	2,685	2,175	3,228	4,719	4,606	3,584	7,404	6,781	6,812
Mo	2,622	2,694	2,200	3,078	3,456	4,200	5,700	6,150	6,400
Mont	325	276	399	415	323	361	740	599	760
Nebr	1,265	1,218	1,210	2,335	2,252	2,410	3,600	3,470	3,620
Nev	8	8	8	2	2	2	10	10	10
N.H.	460	278	233	420	539	433	880	817	666
N.J.	885	597	735	665	740	547	1,550	1,337	1,282
N. Mex	928	800	715	619	819	820	1,547	1,619	1,535
N.Y.	3,400	3,450	3,500	3,950	4,000	4,150	7,350	7,450	7,650
N.C.	5,300	3,800	4,200	8,200	10,000	9,000	13,500	13,800	13,200
N. Dak	220	260	210	270	180	125	490	440	335
Ohio	3,350	2,700	3,500	6,050	7,050	6,600	9,400	9,750	10,100
Okla	630	1,500	1,000	2,270	1,900	2,300	2,900	3,400	3,300
Oreg	1,200	1,725	1,181	1,300	1,000	1,444	2,500	2,725	2,625
Pa	5,546	5,230	6,080	9,754	11,370	10,770	15,300	16,600	16,850
R.I.	48	45	179	192	253	228	240	298	407
S.C.	1,900	2,950	3,085	4,000	4,330	3,765	5,900	7,280	6,850
S. Dak	839	892	865	1,511	1,208	1,095	2,350	2,100	1,960
Tenn	2,350	2,320	1,700	1,850	1,830	2,400	4,200	4,150	4,100
Texas	4,200	4,300	6,000	8,200	8,000	7,300	12,400	12,300	13,300
Utah	850	925	1,115	850	757	756	1,700	1,682	1,871
Vt	132	143	140	293	267	202	425	410	342
Va	1,597	1,354	1,792	2,432	2,676	2,197	4,029	4,030	3,989
Wash	3,016	2,534	2,995	2,046	2,534	2,353	5,062	5,068	5,348
W. Va	320	320	311	440	460	499	760	780	810
Wis	1,728	1,650	1,651	2,290	2,380	2,369	4,018	4,030	4,020
Wyo	36	32	38	27	14	15	63	46	53
U.S	123,191	120,140	124,384	170,115	174,793	169,929	293,306	294,933	294,313

<sup>1</sup> Preliminary.

Statistical Reporting Service.



Table 565.—Chickens: Pullets not of laying age, and other chickens, by States, Dec. 1, 1978–80

State	Pullets 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
Ala	2,820	4,210	3,470	2,790	3,180	3,150	640	710	580
Alaska	1	1	1			11	1	1	1
Ark	57	67	57	6	16	23	5	9	10
Ariz	3,620	4,520	4,200	3,925	4,550	4,650	880	930	1,050
Calif	4,787	3,777	3,764	4,464	4,505	3,332	193	228	174
Colo	240	117	351	340	194	270	10	14	24
Conn	738	939	820	950	1,057	782	12	0	96
Del	137	202	190	153	112	180	50	26	63
Fla	2,509	2,244	2,792	2,197	2,207	1,655	104	148	155
Ga	5,542	5,380	4,572	5,000	4,920	3,944	780	900	990
Hawaii	131	147	175	177	160	132			0
Idaho	168	92	182	132	286	111	11	10	25
Ill	770	635	580	920	805	810	60	60	60
Ind	2,616	2,500	2,970	2,702	2,518	2,241	82	82	89
Iowa	1,145	860	1,100	1,070	980	1,400	85	60	100
Kans	294	333	178	150	215	210	16	22	22
Ky	500	522	325	340	476	270	60	62	55
La	669	295	290	365	400	330	100	85	90
Maine	2,360	2,138	1,116	1,995	1,575	1,199	85	113	92
Md	190	223	225	186	217	226	74	60	60
Mass	196	126	108	174	197	209	40	31	18
Mich	840	825	950	900	885	800	50	40	50
Minn	1,135	1,125	1,440	1,370	1,750	1,430	115	125	130
Miss	1,591	1,551	1,588	1,407	1,817	1,375	425	401	407
Mo	1,065	815	550	1,165	685	400	70	70	50
Mont	129	150	130	57	136	69	4	5	6
Nebr	375	296	236	193	141	125	32	23	19
Nev	1	1	1	1	1	1	1	1	1
N.H.	195	300	143	233	140	121	52	20	20
N.J.	125	208	66	47	5	45	6	5	7
N. Mex	253	251	290	308	318	315	2	2	5
N.Y.	1,230	1,300	1,300	1,230	1,400	1,500	40	50	50
N.C.	3,500	2,800	3,300	3,100	3,500	2,200	600	700	600
N. Dak	48	57	50	15	15	25	7	8	10
Ohio	1,300	1,050	1,150	1,470	1,050	1,350	80	100	70
Okla	300	490	250	370	360	160	130	150	90
Oreg	220	320	405	270	195	284	35	35	36
Pa	1,397	2,175	1,676	2,140	1,946	2,298	188	209	126
R.I.	32	30	69		3	33	1	1	1
S.C.	1,022	1,268	997	1,047	1,124	1,553	81	98	95
S. Dak	218	319	270	178	222	134	14	21	11
Tenn	590	615	910	455	430	570	105	105	120
Tex	1,900	2,700	2,050	2,150	2,100	2,150	350	400	300
Utah	108	208	91	335	106	134	7	4	4
Vt	57	44	52	26	49	33	4	3	8
Va	690	803	642	667	863	941	155	186	220
Wash	457	452	588	661	471	603	37	42	59
W. Va	100	68	78	125	65	10	35	27	72
Wis	621	635	435	723	700	570	38	35	25
Wyo	3	2	2	2	1	1	2	1	1
U.S.	48,992	50,186	47,175	48,681	49,048	44,365	5,954	6,418	6,347

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 566.—Chickens: Number, value per head, and total value, by States, Dec. 1, 1978–80<sup>1</sup>

State	Number			Value per head			Total value		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	20,600	22,000	20,700	1.65	1.85	2.20	33,990	40,700	45,540
Alaska	29	26	35	4.15	4.35	4.10	120	113	144
Ariz	650	580	640	1.55	1.50	1.50	1,008	870	960
Ark	25,725	27,000	27,450	2.05	2.15	2.20	52,736	58,050	60,390
Calif	46,020	45,510	43,270	1.55	1.70	1.75	71,331	77,367	75,723
Colo	2,970	2,315	2,610	1.60	2.20	1.80	4,752	5,093	4,698
Conn	5,940	5,871	6,013	2.05	2.05	2.20	12,177	12,036	13,229
Del	980	850	1,100	2.00	1.70	1.80	1,960	1,445	1,980
Fla	17,302	18,543	17,236	1.55	1.45	1.60	26,818	26,887	27,578
Ga	36,822	36,900	33,260	1.85	1.80	1.95	68,121	66,420	64,857
Hawaii	1,333	1,306	1,314	2.75	3.05	3.20	3,666	3,983	4,205
Idaho	1,211	1,023	1,290	1.95	1.55	1.55	2,361	1,586	2,000
Ill	7,600	6,950	6,850	1.45	1.65	1.55	11,020	11,468	10,618
Ind	20,900	20,500	21,800	1.50	1.45	1.35	31,350	29,725	29,430
Iowa	10,700	9,600	10,500	1.65	1.50	1.70	17,655	14,400	17,850
Kans	2,600	2,470	2,140	1.50	1.75	1.60	3,900	4,323	3,424
Ky	3,500	3,500	3,100	1.75	1.80	1.85	6,125	6,300	5,735
La	3,880	3,500	3,200	1.90	1.95	2.10	7,372	6,825	6,720
Maine	12,110	11,190	9,220	2.10	2.05	2.25	25,431	22,940	20,745
Md	2,000	2,150	2,555	2.05	1.80	1.90	4,100	3,870	4,855
Mass	1,580	1,726	1,790	2.05	2.15	2.30	3,239	3,711	4,117
Mich	8,140	8,000	8,200	1.55	1.45	1.35	12,617	11,600	11,070
Minn	11,920	12,500	13,000	1.50	1.50	1.55	17,880	18,750	20,150
Miss	10,827	10,550	10,182	1.95	2.05	2.25	21,113	21,628	22,910
Mo	8,000	7,720	7,400	1.60	1.65	1.80	12,800	12,738	13,320
Mont	930	890	965	1.85	2.25	2.45	1,721	2,003	2,364
Nebr	4,200	3,930	4,000	1.75	1.80	1.90	7,350	7,074	7,600
Nev	13	13	13	2.10	2.15	2.45	27	28	32
N.H	1,360	1,277	950	2.10	2.00	2.30	2,856	2,554	2,185
N.J	1,728	1,555	1,400	1.75	1.85	1.95	3,024	2,877	2,730
N. Mex	2,110	2,190	2,145	2.15	2.20	1.70	4,537	4,818	3,647
N.Y	9,850	10,200	10,500	1.80	1.80	1.70	17,730	18,360	17,850
N.C	20,700	20,800	19,300	1.95	2.05	2.45	40,365	42,640	47,285
N. Dak	560	520	420	1.65	1.45	2.20	924	754	924
Ohio	12,250	11,950	12,670	1.50	1.70	1.48	18,375	20,315	18,752
Okla	3,700	4,400	3,800	1.70	2.25	2.35	6,290	9,900	8,930
Oreg	3,025	3,275	3,350	2.10	1.85	2.05	6,353	6,059	6,868
Pa	19,025	20,930	20,950	1.80	1.70	1.65	34,245	35,581	34,568
R.I	273	332	510	2.25	2.40	2.30	614	797	1,173
S.C	8,050	9,770	9,495	1.55	1.65	1.90	12,478	16,121	18,041
S. Dak	2,760	2,662	2,375	1.45	1.60	1.70	4,002	4,259	4,038
Tenn	5,350	5,300	5,700	1.95	1.90	1.50	10,433	10,070	8,550
Tex	16,800	17,500	17,800	1.80	2.10	1.95	30,240	36,750	34,710
Utah	2,150	2,000	2,100	2.05	2.20	1.65	4,408	4,400	3,465
Vt	512	506	435	2.25	2.30	2.35	1,152	1,164	1,022
Va	5,541	5,882	5,792	1.90	2.15	2.65	10,528	12,646	15,349
Wash	6,217	6,033	6,598	2.25	2.10	2.15	13,988	12,669	14,186
W. Va	1,020	940	970	1.65	1.70	2.65	1,683	1,598	2,571
Wis	5,400	5,400	5,050	1.65	1.85	1.85	8,910	9,990	9,343
Wyo	70	50	57	2.05	2.20	1.95	144	110	111
U.S.	396,933	400,585	392,200	1.75	1.81	1.88	696,019	726,365	738,542

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 567.—Chickens: Number in specified countries, 1978–80<sup>1</sup>

Continent and country	1978	1979	1980 <sup>2</sup>
North America:	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Canada .....	24	23	25
Mexico .....	42	45	48
United States .....	288	131	295
Total .....	354	199	368
South America:			
Argentina .....	18	18	18
Brazil .....	35	38	40
Peru .....	5	4	5
Venezuela .....	8	9	9
Total .....	66	69	72
Europe:			
Belgium and Luxembourg .....	14	13	13
Denmark .....	5	5	4
France .....	69	69	71
Germany, Fed. Rep. of .....	59	55	54
Greece .....	23	23	23
Ireland .....	3	3	3
Italy .....	50	50	50
Netherlands .....	22	24	27
United Kingdom .....	58	58	57
Total EC .....	303	300	302
Austria .....	9	9	9
Finland .....	6	6	6
Spain .....	48	54	53
Sweden .....	7	7	7
Switzerland .....	3	3	3
Total Western Europe .....	73	79	78
Czechoslovakia .....	21	21	21
Hungary .....	33	30	30
Poland .....	68	69	74
Romania .....	43	49	53
Yugoslavia .....	35	35	36
Total Eastern Europe .....	200	204	214
Total Europe .....	576	583	594
Soviet Union .....	436	430	430
Africa:			
South Africa <sup>3</sup> .....	16	14	12
Asia and Oceania:			
Israel .....	6	6	6
Japan .....	124	124	123
Turkey .....	52	55	58
Australia <sup>3</sup> .....	11	10	10
Total .....	193	195	197
Grand total .....	1,641	1,490	1,673

<sup>1</sup> Chickens in laying flock.<sup>2</sup> Preliminary<sup>3</sup> Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 568.—Chickens: Production, disposition, cash receipts, and gross income, by States, 1980 (preliminary)<sup>1</sup>

State	Number					Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Raised	Lost <sup>2</sup>	Produced	Consumed on production units	Sold	Produced <sup>3</sup>	Consumed on production units	Sold					
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	15,400	2,100	13,300	600	14,000	66,911	1,800	70,000	10.4	6,959	7,280	187	7,467
Alaska	91	17	74	57	8	278	228	36	34.0	95	12	78	90
Ariz	351	68	283	11	212	1,115	37	848	6.8	76	58	3	61
Ark	23,300	3,750	19,550	600	18,500	134,510	2,400	129,500	10.2	13,720	13,209	245	13,454
Calif	26,000	4,786	21,214	240	23,214	87,666	960	92,856	8.9	7,802	8,264	85	8,349
Colo	2,000	300	1,700	120	1,285	5,834	468	4,626	12.0	700	555	56	611
Conn	3,600	350	3,250	8	3,100	15,628	42	13,640	8.3	1,297	1,132	3	1,135
Del	900	100	800	20	530	4,584	92	3,286	11.6	532	381	11	392
Fla	10,594	1,800	8,794	101	10,000	35,380	343	39,000	7.8	2,760	3,042	27	3,069
Ga	24,820	4,500	20,320	460	23,500	105,133	1,748	117,500	12.0	12,616	14,100	210	14,310
Hawaii	751	229	522	4	510	1,970	15	1,887	12.7	250	240	2	242
Idaho	1,072	188	884	80	537	3,762	320	2,094	9.0	339	188	29	217
Ill	4,750	770	3,980	180	3,900	14,798	720	14,430	8.4	1,243	1,212	60	1,272
Ind	16,500	1,800	14,700	500	12,900	54,712	2,050	47,730	8.6	4,705	4,105	176	4,281
Iowa	9,200	930	8,270	370	7,000	28,481	1,517	24,500	8.4	2,392	2,058	127	2,185
Kans	1,900	540	1,360	280	1,410	6,952	980	7,332	18.0	1,251	1,320	176	1,496
Ky	2,500	600	1,900	500	1,800	7,893	1,600	6,480	10.0	789	648	160	808
La	2,975	670	2,305	280	2,325	13,791	952	13,950	10.1	1,393	1,409	96	1,505
Maine	5,400	700	4,700	15	6,655	34,506	69	41,927	8.3	2,864	3,480	6	3,486
Md	2,100	350	1,750	70	1,275	8,532	280	6,375	11.3	964	720	32	752
Mass	900	107	793	11	718	4,332	51	3,949	8.3	360	328	4	332
Mich	5,250	620	4,630	170	4,260	21,333	765	19,596	9.0	1,920	1,764	69	1,833
Minn	9,435	1,500	7,935	320	7,115	32,344	1,376	28,460	3.6	1,164	1,025	50	1,075
Miss	7,682	600	7,082	450	6,000	36,475	1,440	35,400	11.5	4,195	4,071	166	4,237
Mo	6,645	1,200	5,445	365	5,400	34,890	1,205	34,020	12.0	4,187	4,082	145	4,227
Mont	750	180	570	130	365	2,450	520	1,460	8.0	196	117	42	159
Nebr	2,620	650	1,970	300	1,600	7,401	1,080	5,920	7.9	585	468	85	553
Nev	12	4	8	4	4	32	16	16	6.4	2	1	1	2
N.H	700	80	620	5	942	4,634	25	5,935	8.3	385	493	2	495
N.J	1,200	180	1,020	28	1,147	4,341	140	4,817	11.0	478	530	15	545
N. Mex	1,220	226	994	27	1,012	3,679	86	3,846	7.0	258	269	6	275
N.Y	8,600	1,270	7,330	220	6,810	32,815	1,100	30,645	6.4	2,100	1,961	70	2,031
N.C	14,300	2,000	12,300	1,000	12,800	98,840	4,500	98,560	16.2	16,012	15,967	729	16,696
N. Dak	1,500	200	1,300	600	800	5,212	2,280	3,360	4.0	208	134	91	225
Ohio	8,900	1,020	7,880	260	6,900	39,580	1,170	35,880	8.0	3,166	2,870	94	2,964
Okla	2,325	800	1,525	125	2,000	7,572	400	9,000	17.5	1,325	1,575	70	1,645
Oreg	2,775	480	2,295	100	2,120	8,776	400	8,480	8.0	702	678	32	710
Pa	16,400	1,500	14,900	260	14,620	84,094	1,248	83,334	19.9	16,735	16,583	248	16,831

R.I . . . . .	357	28	329	1	150	1,619	6	825	18.3	296	151	1	152
S.C . . . . .	6,200	870	5,330	305	5,300	18,247	1,129	18,550	9.6	1,752	1,781	108	1,889
S. Dak . . . . .	1,700	437	1,263	200	1,350	5,224	780	5,400	6.0	313	324	47	371
Tenn . . . . .	4,500	650	3,850	400	3,050	17,694	1,400	15,250	12.3	2,176	1,876	172	2,048
Tex . . . . .	11,000	1,700	9,300	500	8,500	37,450	1,750	34,000	13.0	4,869	4,420	228	4,648
Utah . . . . .	1,184	260	924	20	804	3,528	78	3,055	8.0	282	244	6	250
Vt . . . . .	200	29	171	9	233	929	43	1,212	8.3	77	101	4	105
Va . . . . .	4,200	780	3,420	410	3,100	19,831	1,640	18,600	12.0	2,380	2,232	197	2,429
Wash . . . . .	5,920	1,140	4,780	64	4,151	19,221	262	17,019	5.3	1,019	902	14	916
W. Va . . . . .	1,030	150	880	90	760	4,160	369	3,496	9.4	391	329	35	364
Wis . . . . .	3,370	480	2,890	240	3,000	15,176	1,104	15,000	7.9	1,199	1,185	87	1,272
Wyo . . . . .	89	30	59	15	37	266	60	178	8.2	22	15	5	20
U.S . . . . .	285,168	43,719	241,449	11,125	237,709	1,204,581	43,044	1,183,260	11.0	131,501	129,889	4,592	134,481

<sup>1</sup>Excludes broilers. Annual production, disposition, cash receipts, and gross income for chickens are for a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup>Loss during year.

<sup>3</sup>The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.

Statistical Reporting Service.

**Table 569.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1966–80<sup>1</sup>**

Year	Number				
	Raised	Lost <sup>2</sup>	Produced <sup>3</sup>	Consumed on production units	Sold
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1966	335,582	56,701	278,881	33,391	212,170
1967	320,679	57,265	263,414	29,148	239,337
1968	298,090	54,313	243,777	25,604	225,386
1969	309,314	57,140	252,174	22,238	218,928
1970 <sup>4</sup>	324,483	60,614	263,869	19,369	233,316
1971	316,755	58,507	258,248	17,808	251,957
1972	291,352	58,045	233,307	16,110	234,769
1973	298,826	47,769	251,057	14,658	231,821
1974	288,353	46,235	242,118	14,421	252,365
1975	276,035	43,210	232,825	13,451	223,721
1976	270,678	42,077	228,601	12,775	217,219
1977	288,162	42,775	245,387	12,164	225,066
1978	283,066	41,371	241,695	11,420	219,860
1979 <sup>5</sup>	293,260	42,545	250,715	11,207	235,856
1980 <sup>6</sup>	285,168	44,719	240,449	11,125	237,709

  

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Produced	Consumed on production units	Sold					
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966	1,261,578	123,374	1,031,688	9.7	122,576	99,958	11,400	111,360
1967	1,258,481	108,468	1,156,613	7.9	99,393	91,206	8,379	99,585
1968	1,108,815	95,957	1,090,428	8.2	91,838	89,580	7,645	97,225
1969	1,144,029	83,897	1,062,969	9.7	110,827	103,566	7,556	111,122
1970 <sup>4</sup>	1,190,105	73,409	1,120,603	9.1	107,178	102,279	6,356	108,635
1971	1,211,567	67,941	1,192,639	7.8	94,751	92,876	5,262	98,138
1972	1,117,816	61,724	1,128,813	8.9	100,457	100,634	5,155	105,789
1973	1,172,220	56,245	1,121,546	15.1	176,454	169,495	7,878	177,373
1974	1,186,148	55,162	1,202,562	9.7	114,896	116,414	5,213	121,627
1975	1,066,512	51,393	1,047,000	9.9	104,669	104,093	5,175	109,268
1976	1,108,914	49,595	1,046,091	13.0	144,981	135,539	6,279	141,818
1977	1,171,656	47,491	1,082,313	12.3	145,429	132,675	5,706	138,381
1978	1,136,231	44,606	1,050,474	12.4	141,840	130,048	5,476	135,524
1979 <sup>5</sup>	1,216,156	43,802	1,147,638	13.9	170,593	160,088	6,084	166,172
1980 <sup>6</sup>	1,204,581	43,044	1,183,260	11.0	131,501	129,889	4,592	134,481

<sup>1</sup> Excludes broiler production.

<sup>2</sup> Loss during year.

<sup>3</sup> The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.

<sup>4</sup> Annual production, disposition, cash receipts, and gross income estimates for chickens were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.

<sup>5</sup> Included are layers destroyed of possible PCB contamination.

<sup>6</sup> Preliminary.

Statistical Reporting Service.

**Table 570.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States, 1979<sup>1</sup>**

State	National Poultry Improvement Plan				National Turkey Improvement Plan			
	Hatcheries		Supply flocks		Hatcheries		Supply flocks	
	Number	Egg capacity	Flocks	Birds	Number	Egg capacity	Flocks	Birds
	Thou-sands	Num-ber	Thou-sands		Thou-sands	Num-ber	Thou-sands	
Ala	58	50,429	447	6,251				
Ariz								
Ark	34	41,287	347	3,165	2	1,205	21	102
Calif	8	( <sup>2</sup> )	26	199	8	( <sup>2</sup> )	123	462
Colo	3	223	7	5	2	945	8	39
Conn	6	1,643	353	306				
Del		( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )				
Fla	32	15,522	169	1,540	3	115	1	1
Ga	52	62,858	755	7,562	1	325	1	9
Idaho	3	1,178	7	57				
Ill	84	3,142	133	156	3	530	16	71
Ind	37	10,339	136	483	2	716		
Iowa	31	6,319	126	301	4	1,093	23	81
Kans	15	2,089	57	21	1	560		
Ky	7	1,535	11	100				
La	39	6,471	66	467				
Maine	7	6,050	91	417				
Md	11	25,264	312	659	1	11	1	1
Mass	7	1,596	340	170			2	2
Mich	4	1,268	37	125	1	617	12	48
Minn	53	8,797	142	477	11	8,034	167	639
Miss	77	28,088	381	2,748				
Mo	14	4,876	211	170	9	3,087	7	157
Mont	4	403	( <sup>2</sup> )	( <sup>2</sup> )				
Nebr	22	1,918	92	44	1	200	2	13
N.H	2	1,242	59	208	2	90	5	2
N.J	10	2,228	35	6	2	142	2	1
N. Mex	2	268	14	10				
N.Y	36	1,651	50	171	1	40	1	1
N.C	45	39,467	820	7,495	7	3,413	154	648
N. Dak	5	329	( <sup>2</sup> )	( <sup>2</sup> )	1	45		
Ohio	23	4,124	102	182	5	1,865	27	129
Okla	18	1,203	405	15	4	466		
Oreg	12	3,915	26	67	3	594	18	73
Pa	75	14,706	227	963	6	302		
R.I			16	4	1	12	1	1
S.C	6	2,750	123	304	1	832	1	3
S. Dak	19	1,481	18	37				
Tenn	25	2,938	51	235				
Tex	33	10,330	47	283	6	1,539	65	436
Utah	1	96	3	20	2	810	1	30
Vt			25	21				
Va	7	12,546	314	159	3	1,441	44	200
Wash	8	2,484	41	274	1	8	2	12
W. Va	2	1,224	3	1				
Wis	24	2,780	52	198	3	1,062	20	100
Wyo			( <sup>2</sup> )	( <sup>2</sup> )				
U.S	965	381,034	6,677	36,076	97	30,099	725	3,261

<sup>1</sup> Year beginning July 1, 1979.

<sup>2</sup> Not reported.

Animal and Plant Health Inspection Service.

FOOTNOTES FOR TABLE 573

<sup>1</sup> Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

<sup>2</sup> Live weight equivalent price.

<sup>3</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

<sup>4</sup> Commercial broilers were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 571.—Chickens: Distribution of birds in National Poultry Improvement Plan hatchery supply flocks by breed and variety, 1966-79**

Year beginning July	States reporting	Total birds	New Hampshire	White Leg-horn	White Plym-outh Rock	Barred Plym-outh Rock	Rhode Island Red	Cross-mated	Incross-mated	Other	Total
	<i>Number</i>	<i>Number</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>
1966	47	38,128,303	0.3	10.0	5.0	0.3	0.6	77.5	6.1	0.2	100.0
1967	47	33,505,974	2	9.9	3.8	4	.5	78.4	6.2	.6	100.0
1968	47	33,507,516	2	9.1	3.1	4	.3	79.7	5.8	1.4	100.0
1969	47	35,844,809	1	8.6	2.9	1	.3	82.4	5.0	.6	100.0
1970	45	37,584,000	3	8.5	3.3	3	4	80.9	5.6	.7	100.0
1971	46	32,053,535	2	8.9	3.9	4	4	77.8	6.8	1.6	100.0
1972	47	28,922,101	2	8.0	4.7	3	4	79.1	5.7	1.6	100.0
1973	47	26,647,427	2	9.3	1.5	3	4	81.9	5.5	.9	100.0
1974	47	25,120,867	3	10.2	.6	3	4	80.4	5.5	2.3	100.0
1975	47	26,697,301	1	8.9	.6	2	4	82.8	4.8	2.2	100.0
1976	47	28,839,301	1	8.9	.6	2	4	83.7	4.5	1.6	100.0
1977	47	30,312,932	1	8.5	1.0	4	4	82.5	5.3	1.8	100.0
1978	47	33,505,842	2	5.2	1.1	2	2	86.4	5.0	1.7	100.0
1979	47	36,071,760	1	4.8	1.2	1	2	87.1	5.1	1.4	100.0

Animal and Plant Health Inspection Service.

**Table 572.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1966-80**

Year	Production			Commercial storage at beginning of year	Exports and shipments to Territories	Commercial storage at end of year	Consumption		
	Commercial broilers	Other chickens	Total				Military	Civilian	
								Total	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>Million pounds</i>	<i>Pounds</i>
1966	6,437	761	7,198	108	167	169	97	6,879	35.6
1967	6,552	827	7,379	163	156	170	104	7,112	36.5
1968	6,653	769	7,422	170	162	97	100	7,233	36.7
1969	7,175	732	7,907	97	166	110	88	7,640	38.4
1970	7,687	778	8,465	110	182	163	69	8,161	40.5
1971	7,724	792	8,516	163	202	149	75	8,253	40.5
1972	8,147	740	8,887	149	206	111	52	8,667	42.0
1973	8,025	736	8,761	111	203	147	47	8,475	40.7
1974	8,126	789	8,915	147	235	175	34	8,618	41.1
1975	8,127	696	8,823	175	273	114	39	8,572	40.6
1976	9,067	684	9,751	114	451	155	33	9,226	43.3
1977	9,418	700	10,118	155	481	139	26	9,627	44.8
1978	10,129	665	10,794	139	505	102	32	10,294	47.5
1979	11,219	731	11,950	102	597	142	33	11,280	51.6
1980 <sup>1</sup>	11,334	757	12,091	142	781	136	38	11,278	51.1

<sup>1</sup> Preliminary.

Economic Research Service.

**Table 573.—Chickens: Broiler production, and gross income, United States, 1966-80<sup>1</sup>**

Year	Production		Price per pound <sup>2</sup>	Gross Income <sup>3</sup>	Year	Production		Price per pound <sup>2</sup>	Gross income <sup>3</sup>
	Number	Weight				Number	Weight		
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966	2,570,516	8,988,508	15.3	1,371,006	1974	2,992,820	11,320,396	21.5	2,436,224
1967	2,591,850	9,183,426	13.3	1,222,641	1975	2,950,099	11,096,015	26.3	2,915,017
1968	2,619,855	9,326,341	14.2	1,325,665	1976	3,282,841	12,517,347	23.6	2,953,278
1969	2,788,732	10,047,769	15.2	1,531,404	1977	3,399,999	12,992,527	23.6	3,066,836
1970 <sup>4</sup>	2,986,769	10,818,916	13.6	1,474,710	1978	3,613,147	14,021,932	26.3	3,681,903
1971	2,945,348	10,817,657	13.8	1,487,077	1979	3,950,771	15,519,388	26.0	4,031,290
1972	3,074,921	11,480,101	14.1	1,622,638	1980 <sup>5</sup>	3,963,852	15,541,085	27.7	4,303,719
1973	3,008,667	11,219,885	24.0	2,690,362					

See footnotes on page 399.



Table 574.—Chickens: Broiler production and gross income, by States, 1979 and 1980<sup>1</sup>

State	1979				1980 <sup>4</sup>			
	Production		Price per pound <sup>2</sup>	Gross income <sup>3</sup>	Production		Price per pound <sup>2</sup>	Gross income <sup>3</sup>
	Number	Weight			Number	Weight		
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ala . . . . .	493,060	1,873,628	24.5	459,039	494,709	1,879,894	26.0	488,772
Ark . . . . .	678,208	2,509,370	25.5	639,889	634,877	2,349,045	28.0	657,733
Calif . . . . .	137,600	605,440	29.5	178,605	152,400	701,040	31.5	220,828
Del . . . . .	175,856	756,181	26.0	196,607	166,729	700,262	28.5	199,575
Fla . . . . .	78,683	314,732	25.0	78,683	87,143	348,572	27.0	94,114
Ga . . . . .	561,268	2,132,818	26.0	554,533	573,899	2,180,816	27.0	588,820
Hawaii . . . . .	2,246	7,861	43.0	3,380	2,576	8,758	45.0	3,941
Ind . . . . .	15,785	59,983	25.5	15,296	16,142	61,340	27.0	16,562
Iowa . . . . .	3,000	15,000	39.0	5,850	3,000	15,000	40.0	6,000
Ky . . . . .	3,285	11,498	25.0	2,875	3,195	11,183	27.0	3,019
La . . . . .	91,311	356,113	26.5	94,370	98,957	385,932	28.5	109,991
Maine . . . . .	87,816	368,827	25.0	92,207	71,696	308,293	26.5	81,698
Md . . . . .	244,783	1,003,610	26.0	260,939	236,920	995,064	29.0	288,569
Mich . . . . .	2,570	10,794	28.0	3,022	1,552	6,053	31.0	1,876
Minn . . . . .	17,000	76,500	30.0	22,950	19,400	87,300	30.5	26,627
Miss . . . . .	276,858	1,079,746	27.0	291,531	275,978	1,048,716	29.0	304,128
Mo . . . . .	25,297	101,188	26.0	26,309	23,561	94,244	28.5	26,860
Nebr . . . . .	1,950	7,800	45.0	3,510	2,000	8,400	45.0	3,780
N.Y . . . . .	520	2,340	28.0	655	<sup>(5)</sup>	<sup>(5)</sup>	<sup>(5)</sup>	<sup>(5)</sup>
N.C . . . . .	376,580	1,543,978	25.0	385,995	399,592	1,598,368	25.5	407,584
Ohio . . . . .	19,100	70,670	25.0	17,668	14,550	55,290	28.5	15,758
Okla . . . . .	40,285	149,055	26.0	38,754	45,014	166,552	27.5	45,802
Oreg . . . . .	17,300	72,660	32.0	23,251	17,100	71,820	32.5	23,342
Pa . . . . .	109,206	447,745	27.5	123,130	111,553	446,212	28.5	127,170
S.C . . . . .	43,687	166,011	24.5	40,673	43,124	163,871	26.5	43,426
Tenn . . . . .	57,733	213,612	25.0	53,403	66,929	247,637	25.0	61,909
Tex . . . . .	228,400	890,760	27.5	244,959	221,081	862,216	29.5	254,354
Va . . . . .	111,564	479,725	24.5	117,533	126,358	530,704	26.0	137,983
Wash . . . . .	19,847	83,357	30.0	25,007	20,641	86,692	31.0	26,875
W. Va . . . . .	18,743	63,726	28.5	18,162	21,786	76,251	31.0	23,638
Wis . . . . .	11,750	47,000	28.0	13,160	11,390	45,560	28.5	12,985
Total . . . . .	3,951,291	15,521,728	26.0	4,031,945	3,963,852	15,541,085	27.7	4,303,719

<sup>1</sup> Commercial broiler production including other meat-type breeds; excludes States producing less than 500,000 birds. Estimates of commercial broilers are for a Dec. 1 through Nov. 30 marketing year. <sup>2</sup> Live-weight equivalent price. <sup>3</sup> Gross income including home consumption. <sup>4</sup> Preliminary. <sup>5</sup> Data not available.

Statistical Reporting Service.

Table 575.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1966–80

Year	Chicks hatched			Average price of baby chicks per 100	Value of chick production
	Broiler-type	Egg-type	All		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	2,747,592	569,333	3,316,925	12.6	384,181
1967 . . . . .	2,758,542	534,818	3,293,360	11.5	350,903
1968 . . . . .	2,799,089	514,301	3,313,390	11.7	358,944
1969 . . . . .	3,025,040	529,888	3,554,928	11.7	386,723
1970 . . . . .	3,189,169	571,142	3,695,425	11.2	385,643
1971 . . . . .	3,167,952	527,473	3,760,311	11.6	405,314
1972 . . . . .	3,267,457	491,354	3,758,811	11.1	389,593
1973 . . . . .	3,206,986	534,256	3,741,242	12.7	441,968
1974 . . . . .	3,104,430	473,403	3,577,833	14.1	473,759
1975 . . . . .	3,169,071	453,804	3,622,875	14.6	493,198
1976 . . . . .	3,488,326	492,180	3,980,506	15.4	568,957
1977 . . . . .	3,636,672	501,913	4,138,585	15.8	612,591
1978 . . . . .	3,879,339	491,578	4,370,917	16.3	667,723
1979 . . . . .	4,197,758	518,953	4,716,711	16.8	749,572
1980 . . . . .	4,280,338	486,968	4,767,306	17.1	777,664

Statistical Reporting Service.

**Table 576.—Chicks hatched by commercial hatcheries: Number and average price, by regions, 1979 and 1980**

Region <sup>1</sup>	Broiler-type chicks				Egg-type chicks			
	Hatched		Average price per 100		Hatched		Average price per 100	
	1979	1980	1979	1980	1979	1980	1979	1980
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>
Northeast . . . . .	660,420	638,728	14.30	15.10	69,555	74,052	39.60	41.20
Lake States . . . . .	31,653	34,609	28.90	30.20	45,078	45,345	41.30	43.10
Corn Belt . . . . .	57,136	50,920	38.10	37.60	107,050	98,112	45.80	47.60
Appalachian . . . . .	587,948	629,139	12.80	12.90	24,458	20,571	38.40	40.30
Southeast . . . . .	1,299,372	1,365,834	12.10	11.80	113,664	105,312	39.30	47.30
Delta States . . . . .	1,082,261	1,060,837	15.10	15.00	45,309	43,682	36.20	39.00
Southern Plains . . . . .	242,956	289,625	28.90	32.30	28,035	15,862	37.10	48.80
Pacific . . . . .	194,430	204,169	21.30	22.40	66,916	64,645	42.50	45.80
U.S. <sup>2</sup> . . . . .	4,197,758	4,280,338	15.20	15.50	518,953	486,968	40.90	44.80

<sup>1</sup> Northeast—New England, Delaware, Maryland, New Jersey, New York, Pennsylvania; Lake States—Michigan, Minnesota, Wisconsin; Corn Belt—Illinois, Indiana, Iowa, Missouri, Ohio; Appalachian—Kentucky, North Carolina, Tennessee, Virginia, West Virginia; Southeast—Alabama, Florida, Georgia, South Carolina; Delta States—Arkansas, Mississippi, Louisiana; Southern Plains—Oklahoma, Texas; Pacific—California, Oregon, Washington.

<sup>2</sup>Includes other regions not published separately.

Statistical Reporting Service.

**Table 577.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1966–80**

Year	Ratios <sup>1</sup>			Year	Ratios <sup>1</sup>		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1966 . . . . .	9.1	3.3	5.1	1974 . . . . .	7.0	2.6	3.2
1967 . . . . .	7.3	2.9	4.4	1975 . . . . .	7.0	3.2	4.2
1968 . . . . .	8.5	3.2	4.7	1976 . . . . .	7.8	2.8	3.7
1969 . . . . .	10.0	3.4	5.0	1977 . . . . .	7.3	2.7	3.8
1970 . . . . .	<sup>2</sup> 9.3	<sup>2</sup> 2.9	5.0	1978 . . . . .	6.9	3.1	4.6
1971 . . . . .	7.2	2.8	4.6	1979 . . . . .	7.0	2.8	4.1
1972 . . . . .	7.2	2.9	4.5	1980 . . . . .	6.0	2.7	3.5
1973 . . . . .	7.9	3.3	4.8				

<sup>1</sup>Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios.

<sup>2</sup>Beginning 1970, ratio computed on a December through November marketing year rather than a calendar year.

Statistical Reporting Service.

Table 578.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1978-80

Class	Number inspected			Pounds inspected (live weight)		
	1978	1979	1980	1978	1979	1980
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens . . . . .	3,516,411	3,843,323	3,880,636	13,656,047	15,111,418	15,277,001
Mature chickens . . . . .	190,869	201,013	199,360	821,763	894,544	873,663
Total chickens . . . . .	3,707,280	4,044,336	4,079,996	14,477,810	16,005,962	16,150,664
Young turkeys . . . . .	123,943	136,209	145,803	2,418,733	2,643,203	2,787,619
Old turkeys . . . . .	997	1,111	1,348	20,600	22,542	27,625
Fryer-roaster turkeys . . . . .	8,861	8,791	9,830	64,112	82,514	92,365
Total turkeys . . . . .	131,801	146,112	156,980	2,503,445	2,748,261	2,907,608
Ducks . . . . .	15,418	17,541	16,721	95,403	108,180	104,074
Other poultry . . . . .				9,140	8,542	7,381
Total poultry . . . . .				17,085,798	18,870,940	19,169,722

  

Class	Pounds certified (ready-to-cook)			Pounds condemned		
				Ante-mortem (live weight)		
	1978	1979	1980	1978	1979	1980
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens . . . . .	9,883,206	10,915,516	11,088,733	65,101	68,944	59,625
Mature chickens . . . . .	508,838	555,524	540,207	9,844	11,695	10,893
Total chickens . . . . .	10,392,044	11,471,040	11,628,940	74,945	80,639	70,518
Young turkeys . . . . .	1,916,929	2,099,480	2,209,350	6,882	7,487	7,510
Old turkeys . . . . .	15,994	17,433	21,301	116	142	207
Fryer-roaster turkeys . . . . .	50,553	64,885	72,112	196	241	237
Total turkeys . . . . .	1,983,476	2,181,799	2,302,762	7,194	7,867	7,954
Ducks . . . . .	66,079	74,855	72,116	58	83	115
Other poultry . . . . .	5,811	5,252	4,246	28	40	56
Total poultry . . . . .	12,447,410	13,732,950	14,008,061	82,225	88,629	78,639

  

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1978	1979	1980
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens . . . . .	229,568	272,606	252,043
Mature chickens . . . . .	30,490	32,600	30,454
Total chickens . . . . .	260,058	305,206	282,497
Young turkeys . . . . .	50,663	52,810	56,836
Old turkeys . . . . .	712	879	1,147
Fryer-roaster turkeys . . . . .	911	1,318	1,504
Total turkeys . . . . .	52,286	55,007	59,488
Ducks . . . . .	1,834	1,959	1,763
Other poultry . . . . .	84	114	111
Total poultry . . . . .	314,261	362,286	343,859

Statistical Reporting Service.

**Table 579.—Poultry: Inspected for further processing and cut up under Federal inspection, United States, 1966–80**

Year	Young chickens		Mature chickens		Turkeys			Other poultry <sup>2</sup>		Total poultry	
	Further processed	Cut up	Further processed	Cut up	Further processed		Cut up	Further processed	Cut up	Further processed	Cut up
					Whole <sup>1</sup>	Other					
	<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>	
1966	178,321	1,108,830	302,236	7,506	334,732	121,337	59,434	890	874,723	1,238,563	
1967	219,596	1,289,210	346,856	7,450	318,146	114,540	78,681	1,161	963,279	1,412,361	
1968	254,016	1,390,418	377,878	6,492	382,754	135,077	72,208	1,717	1,086,856	1,533,704	
1969	272,282	1,628,309	376,909	9,708	493,755	159,563	82,958	4,102	1,225,904	1,801,682	
1970	337,292	1,842,594	392,404	8,608	479,427	190,713	83,274	2,230	1,292,397	2,044,145	
1971	382,804	2,056,747	427,977	5,445	562,493	198,299	85,213	3,502	1,458,487	2,263,993	
1972	436,999	2,316,644	465,675	5,735	639,112	299,777	96,637	2,575	1,638,423	2,624,731	
1973	485,339	2,443,143	481,253	5,413	790,841	262,702	115,121	1,446	1,872,554	2,712,704	
1974	495,659	2,465,624	423,278	6,885	386,953	509,397	295,444	89,722	706	1,905,009	2,768,659
1975	540,640	2,582,072	356,247	9,926	371,623	536,224	312,764	87,500	483	1,892,234	2,905,245
1976	643,443	3,113,600	435,859	8,202	446,215	607,724	387,067	117,270	684	2,250,511	3,509,553
1977	715,839	3,521,522	417,921	10,495	459,294	665,452	426,125	129,547	2,115	2,388,053	3,960,257
1978	830,229	3,717,069	453,299	10,898	500,892	710,438	466,067	127,358	2,339	2,622,216	4,196,393
1979	989,120	3,988,043	472,933	4,260	537,739	799,653	525,905	138,212	1,174	2,937,657	4,519,382
1980	1,107,363	4,523,257	434,045	4,043	650,640	908,613	635,759	182,762	1,904	3,283,423	5,164,963

<sup>1</sup> Whole carcass turkeys which have been injected, basted, marinated, smoked, or barbecued, and packaged as such. Beginning 1974, "Whole" and "Other" estimated separately.

<sup>2</sup> Poultry parts and fat used in further processing that cannot be identified by class are included in "Other poultry."

Statistical Reporting Service.

**Table 580.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1979 and 1980**

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry <sup>1</sup>	
	1979	1980	1979	1980	1979	1980	1979	1980
	<i>1,000 cases</i>	<i>1,000 cases</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	22	47	25,477	22,145	170,674	246,803	279,803	385,100
February	18	24	24,490	23,794	154,713	224,987	258,198	366,385
March	24	22	21,095	23,370	135,687	208,900	238,882	360,992
April	20	30	21,724	25,906	128,032	206,647	235,584	372,384
May	27	47	21,639	26,632	153,126	233,847	267,731	401,952
June	24	51	22,844	28,596	200,906	286,566	327,845	460,554
July	32	39	25,897	29,441	272,488	325,842	411,015	494,969
August	28	28	24,744	30,656	382,474	383,952	527,046	548,299
September	31	39	24,088	29,670	432,261	398,783	589,597	556,240
October	24	15	25,602	29,155	445,528	420,239	610,034	579,008
November	24	19	23,428	25,332	281,208	257,569	436,578	402,618
December	38	31	23,359	24,283	240,039	197,983	386,944	339,012

<sup>1</sup> Includes stocks of turkeys and other poultry.

Statistical Reporting Service.

Table 581.—Chickens and turkeys: Number classified as "U.S. Pullorum-Typhoid Clean," and number and percentage of reactors, United States, 1966–79

Year beginning July	Chicken tests				Turkey tests			
	States reporting ~	Chickens in tested flocks (first test)	Reactors		States reporting	Turkeys in tested flocks (first test)	Reactors	
	<i>Number</i>	<i>Thousands</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>
1966	47	38,327	381	0.0010	47	4,397,268	2	0.00005
1967	47	33,591	741	.0020	47	3,482,049	19	.00005
1968	47	33,613	100	.0005	47	3,127,850	0	.0000
1969	47	35,890	162	.0009	47	3,145,147	6	.0003
1970	45	38,049	107	.0007	45	3,382,259	0	.0000
1971	46	32,233	55	.0005	46	3,086,063	0	.0000
1972	47	28,925	87	.0009	47	3,191,301	0	.0000
1973	47	26,744	88	.0012	47	3,256,168	0	.0000
1974	47	25,133	165	.0029	47	2,888,688	0	.0000
1975	47	26,699	38	.0008	47	2,891,148	0	.0000
1976	47	28,846	90	.0019	47	2,693,782	0	.0000
1977	47	30,313	12	.0002	47	2,496,872	0	.0000
1978	47	33,506	1	.0000	47	2,984,142	0	.0000
1979	47	36,112	41	.0011	47	3,256,844	0	.0000

Animal and Plant Health Inspection Service.

Table 582.—Turkey breeder hens: Number, value per head, and total value, by States, Dec. 1, 1978–80

State	Number			Value per head			Total value		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif	550	553	508	10.60	12.40	12.50	5,830	6,857	6,350
Ga	47	61	56	10.70	13.00	13.00	503	793	728
Ill	59	( <sup>1</sup> )	( <sup>1</sup> )	18.70	( <sup>1</sup> )	( <sup>1</sup> )	1,062	( <sup>1</sup> )	( <sup>1</sup> )
Iowa	98	76	88	11.90	13.00	13.20	1,166	988	1,162
Mich	40	44	45	16.00	13.00	18.00	640	572	810
Minn	593	633	625	13.50	12.80	12.80	8,006	8,102	8,000
Mo	230	300	350	12.00	16.60	20.00	2,760	4,980	7,000
Nebr	16	( <sup>1</sup> )	( <sup>1</sup> )	10.50	( <sup>1</sup> )	( <sup>1</sup> )	168	( <sup>1</sup> )	( <sup>1</sup> )
N.C	495	620	660	11.90	10.90	11.70	5,891	6,758	7,722
Ohio	120	130	165	14.00	15.60	18.70	1,680	2,028	3,086
Oreg	63	74	59	14.10	15.30	17.50	888	1,132	1,033
Pa	48	61	74	15.50	15.50	18.50	744	946	1,369
Tex	475	533	510	13.00	15.50	14.00	6,175	8,262	7,140
Va	168	168	252	13.10	13.20	13.40	2,201	2,218	3,109
W. Va	15	14	14	13.50	13.30	13.40	203	186	188
Other States <sup>1</sup>	353	438	534	12.20	14.80	15.90	4,305	6,482	8,491
Total <sup>2</sup>	3,370	3,705	3,920	12.53	13.58	14.33	42,222	50,304	56,188

<sup>1</sup>Arkansas, Colorado, Indiana, Kansas, New York, North Dakota, Oklahoma, South Carolina, South Dakota, Utah, Washington, Wisconsin and individual years selected States combined to avoid disclosing individual operations. Washington estimate discontinued in 1980.

<sup>2</sup>Major producing States.

Statistical Reporting Service.

**Table 583.—Turkey breeder hens: Number, value per head, and total value, Dec. 1, 1969–80<sup>1</sup>**

Year	Number	Value per head	Total value	Year	Number	Value per head	Total value	Year	Number	Value per head	Total value
1969	1,000 head	Dollars	1,000 dollars	1973	1,000 head	Dollars	1,000 dollars	1977	1,000 head	Dollars	1,000 dollars
1969	3,331	5.97	19,882	1973	3,148	9.47	32,378	1977	3,038	11.39	34,617
1970	3,173	5.82	18,459	1974	2,970	9.81	29,126	1978	3,370	12.53	42,222
1971	2,999	6.18	18,525	1975	3,014	10.81	32,580	1979	3,705	13.57	50,288
1972	3,135	6.46	20,242	1976	3,069	11.13	34,168	1980 <sup>2</sup>	3,920	14.33	56,188

<sup>1</sup> Major producing States. <sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 584.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1966–80**

Year	Production	Commercial storage at beginning of year	Exports and shipments to Territories	Commercial storage at end of year	Consumption		
					Military	Civilian	
						Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1966	1,674	200	47	267	56	1,504	7.8
1967	1,870	267	49	367	53	1,668	8.5
1968	1,611	367	41	317	63	1,557	7.9
1969	1,606	317	40	192	48	1,643	8.2
1970	1,729	192	43	219	49	1,610	8.0
1971	1,772	219	27	223	41	1,700	8.3
1972	1,909	223	42	208	42	1,840	8.9
1973	1,933	208	54	281	31	1,775	8.5
1974	1,921	281	43	275	14	1,870	8.6
1975	1,803	275	53	195	19	1,811	8.6
1976	2,059	195	71	203	18	1,961	9.2
1977	2,023	203	56	168	11	1,992	9.3
1978	2,098	168	57	175	15	2,019	9.3
1979	2,343	175	57	240	19	2,204	10.1
1980 <sup>1</sup>	2,396	240	81	198	16	2,341	10.6

<sup>1</sup> Preliminary.

Economic Research Service.

**Table 585.—Turkeys: Production, disposition, and gross income, United States, 1966–80**

Year	Number				Pounds (live weight)		Price per pound live weight	Value of turkeys produced	Gross income
	Raised <sup>1</sup>	Lost <sup>2</sup>	Produced <sup>3</sup>	Sold	Produced	Sold			
	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars
1966	116,538	253	116,285	115,379	2,123,484	2,106,970	23.1	489,596	485,750
1967	126,577	263	126,314	126,846	2,343,339	2,353,937	19.5	457,710	459,581
1968	106,709	197	106,512	107,254	2,014,589	2,027,934	20.5	413,921	416,738
1969	106,736	207	106,529	106,351	2,029,315	2,026,709	22.4	454,633	454,115
1970	116,139	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	2,197,916	( <sup>4</sup> )	22.6	( <sup>4</sup> )	497,815
1971	119,657				2,255,614		22.1		499,576
1972	128,664				2,423,618		22.2		536,945
1973	132,231				2,451,848		38.2		935,882
1974	131,909				2,437,121		28.0		683,164
1975	124,165				2,276,504		34.8		793,271
1976	140,021				2,606,265		31.7		825,095
1977	136,390				2,562,825		35.5		910,396
1978	138,939				2,654,788		43.6		1,157,200
1979	156,457				2,957,612		41.1		1,214,357
1980 <sup>5</sup>	164,736				3,071,444		41.3		1,269,358

See footnotes on page 407.

Table 586.—Turkeys: Production and gross income, by States, 1980

State	Number raised <sup>1</sup>	Pounds produced <sup>2</sup>	Price per pound <sup>3</sup>	Gross income <sup>4</sup>
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ark	14,500	259,550	41.0	106,416
Calif	20,786	415,720	43.0	178,760
Colo	4,130	103,206	43.0	46,529
Conn	25	520	78.0	406
Del	326	7,368	44.0	3,242
Ga	2,380	54,502	42.0	22,891
Ill	474	9,764	48.0	4,687
Ind	6,192	112,694	42.0	47,331
Iowa	6,625	147,738	40.0	59,095
Kans	132	3,036	40.0	1,214
Md	86	1,815	44.0	799
Mass	126	2,470	78.0	1,927
Mich	1,450	37,700	44.0	16,588
Minn	25,500	419,475	40.0	167,790
Mo	12,400	228,160	41.0	93,546
Nebr	789	15,543	45.0	6,994
N.H	24	480	78.0	374
N.J	69	1,428	67.0	957
N.Y	258	5,547	41.0	2,274
N.C	23,750	396,625	40.0	158,650
N. Dak	955	17,190	47.0	8,079
Ohio	2,320	50,112	43.0	21,548
Okla	2,215	39,870	41.0	16,347
Oreg	1,170	22,230	45.0	10,004
Pa	5,510	93,670	45.0	42,152
S.C	3,702	84,776	39.0	33,063
S. Dak	1,277	28,349	39.0	11,056
Tex	7,750	147,250	39.0	57,428
Utah	2,409	53,480	50.0	26,740
Va	10,079	169,327	40.0	67,731
W. Va	2,282	39,935	40.0	15,974
Wis	5,045	96,914	40.0	38,766
U.S	164,736	3,071,444	41.3	1,269,358

<sup>1</sup>Based on turkeys hatched from Sept. 1, 1979 through Aug. 31, 1980. Excludes young turkeys lost.

<sup>2</sup>Includes home consumption.

<sup>3</sup>Live-weight equivalent price.

<sup>4</sup>Includes home consumption which is less than 1 percent of total production.

Statistical Reporting Service.

---



---

FOOTNOTES FOR TABLE 585

<sup>1</sup>Total poults hatched less death loss of poults and young turkeys during the year.

<sup>2</sup>Death loss during the year of breeder hens on hand Jan. 1.

<sup>3</sup>Turkeys raised less death loss during the year of breeder hens on hand Jan. 1.

<sup>4</sup>Not available after 1969.

<sup>5</sup>Preliminary

Statistical Reporting Service.

**Table 587.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1966–80**

Year	Heavy white breeds <sup>1</sup>	All other heavy breeds <sup>1</sup>	Total all heavy breeds <sup>2</sup>	Light breeds <sup>3</sup>	Total all breeds
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1966	69,046	43,479	112,525	18,424	130,949
1967			122,210	16,354	138,564
1968			100,249	13,866	114,115
1969			103,279	11,990	115,269
1970			116,021	13,722	129,743
1971			115,379	13,224	128,603
1972			125,512	16,067	141,579
1973			128,906	16,679	145,585
1974			125,559	14,420	140,019
1975			121,158	15,918	137,076
1976			130,980	18,494	149,474
1977			136,029	12,354	148,383
1978			148,838	8,689	157,527
1979			166,014	13,955	179,969
1980			171,842	16,824	188,666

<sup>1</sup> Estimates discontinued as of January 1967.<sup>2</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.<sup>3</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.

Statistical Reporting Service.

**Table 588.—Turkeys: Poults hatched by commercial hatcheries, by breeds, by States, 1979 and 1980<sup>1</sup>**

State	Heavy breeds <sup>2</sup>		Light breeds <sup>3</sup>		Total all breeds	
	1979	1980	1979	1980	1979	1980
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Calif	22,329	23,779	103		22,432	23,779
Minn	27,360	28,520	7,201	7,761	34,561	36,281
Mo	13,803	17,177			13,803	17,177
N.C					25,901	26,144
Pa		2,126		194	2,289	2,320
Texas	2,060		229		9,733	8,606
Other States <sup>4</sup>	67,575	69,683	3,675	4,676	71,250	74,359
U.S	166,014	171,842	13,955	16,824	179,969	188,666

<sup>1</sup> Heavy and light breeds not published in some States in order to avoid disclosing individual operations.<sup>2</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.<sup>3</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.<sup>4</sup> Alabama, Arkansas, Colorado, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Maryland, Massachusetts, Nebraska, New Hampshire, New Jersey, New York, Ohio, Oklahoma, Oregon, Rhode Island, South Carolina, Utah, Virginia, and Wisconsin. Combined to avoid disclosing individual operations for 1979 and 1980.

Statistical Reporting Service.



Table 589.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1979 and 1980<sup>1</sup>

State	1979			1980		
	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>
Ala	13,785	239	3,300	13,738	244	3,354
Alaska	27	248	6.7	23	191	4.4
Ariz	557	250	139	450	251	113
Ark	17,108	241	4,123	17,186	242	4,153
Calif	37,005	235	8,713	36,684	240	8,796
Colo	2,060	235	484	1,897	245	464
Conn	4,046	232	938	4,074	246	1,004
Del	594	222	132	632	218	138
Fla	13,049	244	3,189	12,813	238	3,044
Ga	25,067	242	6,067	23,170	243	5,637
Hawaii	1,039	230	229	1,035	214	222
Idaho	3,869	<sup>3</sup> 221	<sup>3</sup> 192	355	236	202
Ill	5,525	244	1,347	5,277	240	1,267
Ind	14,871	238	3,536	14,302	234	3,697
Iowa	7,921	233	1,849	7,524	234	1,784
Kans	5,027	238	483	4,876	228	427
Ky	2,506	233	583	2,323	231	536
La	2,747	219	601	2,542	218	553
Maine	7,450	257	1,913	6,922	259	1,793
Md	1,543	231	356	1,726	221	381
Mass	1,387	244	339	1,345	242	326
Mich	6,278	237	1,491	6,189	236	1,459
Minn	9,063	241	2,183	9,196	242	2,223
Miss	6,900	240	1,653	6,620	239	1,584
Mo	5,685	242	1,376	5,945	246	1,460
Mont	<sup>3</sup> 754	<sup>3</sup> 236	<sup>3</sup> 178	727	234	170
Nebr	3,518	228	802	3,588	236	847
Nev	10	180	1.8	10	180	1.8
N.H	884	247	218	726	251	182
N.J	1,483	231	342	1,252	223	279
N. Mex	1,519	242	368	1,588	238	378
N.Y	7,158	247	1,767	7,112	250	1,776
N.C	13,263	238	3,155	13,208	240	3,174
N. Dak	479	232	111	367	223	82
Ohio	9,252	244	2,253	9,546	244	2,333
Okla	3,154	239	754	3,462	242	839
Oreg	2,560	241	616	2,677	238	638
Pa	15,138	253	3,836	16,339	260	4,251
R.I	248	239	59.2	332	253	84
S.C	6,252	250	1,561	6,785	247	1,679
S. Dak	2,156	221	476	2,052	226	464
Tenn	4,050	247	999	3,961	243	962
Tex	11,879	235	2,795	13,075	236	3,092
Utah	1,660	232	385	1,762	236	416
Vt	391	253	99	398	251	100
Va	4,057	231	939	3,920	233	913
Wash	4,933	238	1,172	5,250	247	1,295
W. Va	755	236	178	644	208	149
Wis	3,926	232	911	3,954	239	946
Wyo	56	193	10.8	55	191	10.5
U.S. <sup>4</sup>	288,623	240	69,209	287,834	242	69,683

<sup>1</sup> Estimates for a Dec. 1 through Nov. 30 marketing year.<sup>2</sup> Number of eggs produced during the year divided by the average number of hens and pullets of laying age on hand during the year.<sup>3</sup> Included are layers and eggs destroyed because of possible PCB contamination.<sup>4</sup> Sum of States may not add to U.S. total due to rounding.

Statistical Reporting Service.

Table 590.—Eggs: Production in specified countries, 1978–80

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</sup>
North America:	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	Europe—Continued	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Canada .....	5,510	5,551	6,000	Czechoslovakia .....	4,690	4,732	4,550
Mexico .....	9,635	10,390	10,980	Hungary .....	4,748	4,450	4,500
United States .....	67,278	69,228	69,252	Poland .....	8,531	8,700	8,800
Total .....	82,423	85,169	86,232	Romania .....	6,650	6,950	7,200
South America:				Yugoslavia .....	4,062	4,265	4,350
Argentina .....	3,300	3,350	3,400	Total Eastern Europe .....	26,681	29,097	29,400
Brazil .....	6,624	7,200	8,000	Total Europe .....	112,216	116,203	116,768
Peru .....	875	800	880	Soviet Union .....	64,517	66,352	68,000
Venezuela .....	2,046	2,140	2,182	Asia and Oceania:			
Total .....	12,845	13,490	14,462	Hong Kong .....	68	60	61
Europe:				Japan .....	32,803	33,150	33,000
Belgium and Luxembourg	3,788	3,453	3,300	Turkey .....	4,179	4,323	4,600
Denmark .....	1,218	1,316	1,315	Australia <sup>2</sup> .....	3,516	3,400	3,398
France .....	13,530	13,840	14,500	Total .....	40,566	40,933	41,059
Germany, Fed. Rep. of ..	14,321	13,336	13,100	Grand total .....	312,567	322,147	326,521
Greece .....	2,363	2,372	2,400				
Ireland .....	648	610	580				
Italy .....	11,010	11,037	10,800				
Netherlands .....	7,049	8,187	8,815				
United Kingdom .....	14,250	14,370	14,300				
Total EC .....	68,177	68,521	69,110				
Austria .....	1,675	1,713	1,750				
Finland .....	1,328	1,325	1,365				
Norway .....	701	735	742				
Portugal .....	1,014	1,105	1,135				
Spain .....	10,115	11,172	10,750				
Sweden .....	1,785	1,785	1,776				
Switzerland .....	740	750	740				
Total Western Europe	17,358	18,585	12,258				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 591.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1966–80

Year	Hens and pullets, average number during year	Rate of lay per layer during year <sup>1</sup>	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units	Gross income <sup>2</sup>
			Total produced	Consumed on production units	Sold				
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966 .....	303,832	218	66,205	1,612	64,593	39.1	2,105,841	50,686	2,156,527
1967 .....	313,717	211	69,327	1,558	67,769	31.3	1,764,933	38,878	1,803,811
1968 .....	309,824	220	68,156	1,393	66,763	34.0	1,892,800	38,016	1,930,816
1969 .....	306,886	220	67,546	1,172	66,374	40.0	2,212,189	38,178	2,250,367
1970 <sup>3</sup> .....	312,759	218	68,212	953	67,259	39.1	2,190,339	30,348	2,220,687
1971 .....	312,886	223	69,649	789	68,860	31.4	1,800,746	20,038	1,820,784
1972 .....	304,504	227	69,219	692	68,527	30.9	1,763,899	16,982	1,780,881
1973 .....	290,588	227	66,039	627	65,412	52.5	2,859,253	26,517	2,885,770
1974 .....	284,732	230	65,620	580	65,040	53.2	2,884,478	25,044	2,909,522
1975 .....	278,101	232	64,626	536	64,090	52.4	2,796,785	22,490	2,819,275
1976 .....	274,134	235	64,511	502	64,009	58.3	3,109,916	23,556	3,133,472
1977 .....	274,871	235	64,600	475	64,125	55.6	2,973,332	21,342	2,994,674
1978 .....	281,478	239	67,140	457	66,663	52.2	2,900,451	19,262	2,919,713
1979 <sup>4</sup> .....	288,623	240	69,209	448	68,771	58.3	3,338,778	21,096	3,359,874
1980 <sup>5</sup> .....	287,834	242	69,683	441	69,242	56.3	3,247,620	20,161	3,267,781

See footnotes on page 412.

Table 592.—Eggs: Production, disposition, cash receipts and gross income, by States, 1980 (preliminary)<sup>1</sup>

State	Eggs produced	Consumed on production units	Eggs sold	Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units <sup>2</sup>	Gross income <sup>3</sup>
	Millions	Millions	Millions	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Ala . . . . .	3,354	14	3,340	64.7	180,082	755	180,837
Alaska . . . . .	4.4	( <sup>4</sup> )	4.4	120.0	440	( <sup>2</sup> )	440
Ariz . . . . .	113	1	112	43.5	4,078	18	4,096
Ark . . . . .	4,153	12	4,141	60.6	209,121	606	209,727
Calif . . . . .	8,796	10	8,786	50.5	369,744	421	370,165
Colo . . . . .	464	6	458	55.0	20,992	275	21,267
Conn . . . . .	1,004	1	1,003	78.5	65,613	65	65,678
Del . . . . .	138	1	137	64.0	7,307	53	7,360
Fla . . . . .	3,004	4	3,040	46.2	117,040	154	117,194
Ga . . . . .	5,637	7	5,630	66.7	330,551	377	303,928
Hawaii . . . . .	222	( <sup>4</sup> )	222	75.7	14,005	( <sup>2</sup> )	14,005
Idaho . . . . .	202	5	197	48.0	7,880	200	8,080
Ill . . . . .	1,267	11	1,256	53.0	55,473	486	55,959
Ind . . . . .	3,697	12	3,685	53.4	163,983	534	164,517
Iowa . . . . .	1,784	19	1,765	47.0	69,129	744	69,873
Kans . . . . .	427	13	414	44.3	15,284	480	15,764
Ky . . . . .	536	18	518	51.6	22,274	774	23,048
La . . . . .	553	9	544	66.5	30,147	499	30,464
Maine . . . . .	1,793	2	1,791	70.1	104,624	117	104,741
Md . . . . .	381	4	377	64.0	20,107	213	20,320
Mass . . . . .	326	1	325	74.5	20,177	62	20,239
Mich . . . . .	1,459	15	1,444	48.0	57,760	600	58,360
Minn . . . . .	2,223	16	2,207	44.9	82,579	599	83,178
Miss . . . . .	1,584	7	1,577	68.7	90,283	401	90,684
Mo . . . . .	1,460	16	1,444	53.0	63,777	707	64,484
Mont . . . . .	170	5	165	57.5	7,906	240	8,146
Nebr . . . . .	847	13	834	39.5	27,453	428	27,881
Nev . . . . .	1.8	8	1	50.0	42	33	75
N.H . . . . .	182	1	181	72.7	10,966	61	11,027
N.J . . . . .	279	2	277	58.0	13,388	97	13,485
N. Mex . . . . .	378	1	377	60.0	18,850	50	18,900
N.Y . . . . .	1,776	12	1,764	50.3	73,941	503	74,444
N.C . . . . .	3,174	18	3,156	66.3	174,369	995	175,364
N. Dak . . . . .	82	6	76	36.0	2,280	180	2,460
Ohio . . . . .	2,333	17	2,316	49.0	94,570	694	95,264
Okla . . . . .	839	14	825	62.5	42,969	729	43,698
Oreg . . . . .	638	16	622	52.7	27,316	703	28,019
Pa . . . . .	4,251	18	4,233	51.0	179,903	765	180,668
R.I . . . . .	84	( <sup>4</sup> )	84	73.4	5,138	( <sup>2</sup> )	5,138
S.C . . . . .	1,679	8	1,671	54.2	75,474	361	75,835
S. Dak . . . . .	464	10	454	34.6	13,090	288	13,378
Tenn . . . . .	962	15	947	56.5	44,588	706	45,294
Tex . . . . .	3,092	38	3,054	64.9	165,171	2,055	167,226
Utah . . . . .	416	2	414	49.0	16,905	82	16,987
Vt . . . . .	100	2	98	84.6	6,909	141	7,050
Va . . . . .	913	14	899	71.3	53,416	832	54,248
Wash . . . . .	1,295	5	1,290	49.2	52,890	205	53,095
W. Va . . . . .	149	7	142	67.4	7,976	393	8,369
Wis . . . . .	946	10	936	46.5	36,720	388	36,658
Wyo . . . . .	10.5	2	8.5	55.1	390	92	482
U.S . . . . .	69,683	441	69,242	56.3	3,247,620	20,161	3,267,781

<sup>1</sup>Data cover both farm and commercial operations. Annual production, disposition, cash receipts, and gross income estimates for eggs are computed on a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup>Valued at same price as eggs sold.

<sup>3</sup>Cash receipts plus value of home consumption may not add to gross income due to rounding.

<sup>4</sup>Less than one-half million eggs.

Statistical Reporting Service.

Table 593.—Eggs: Supply, distribution, and per capita consumption, United States, 1966–80<sup>1</sup>

Year	Total egg production	Storage at beginning of the year <sup>1</sup>	Imports <sup>2</sup>	Exports and shipments to Territories <sup>2</sup>	Eggs used for hatching	Consumption			
						Storage at end of the year <sup>2</sup>	Military <sup>2</sup>	Civilian	
								Total	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1966	5,517	41	14	43	365	28	102	5,034	312
1967	5,777	28	4	55	358	71	110	5,215	321
1968	5,680	71	5	46	361	56	108	5,185	316
1969	5,629	56	9	41	389	34	83	5,147	310
1970	5,704	34	27	45	402	39	78	5,201	309
1971	5,806	39	10	44	389	58	60	5,304	312
1972	5,742	58	1	56	391	53	64	5,237	304
1973	5,502	53	13	49	392	34	42	5,051	291
1974	5,461	34	13	57	366	42	38	5,005	286
1975	5,382	42	5	62	372	28	43	4,924	280
1976	5,377	28	3	65	419	21	45	4,858	274
1977	5,407	21	14	91	427	24	36	4,864	272
1978	5,608	24	11	120	466	20	28	5,009	278
1979	5,777	20	10	104	498	19	25	5,161	283
1980 <sup>3</sup>	5,806	19	5	167	499	19	24	5,121	279

<sup>1</sup> Calendar years.<sup>2</sup> Shell eggs and the approximate shell-egg equivalent of egg product.<sup>3</sup> Preliminary.

Economic Research Service.

Table 594.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1970–80

Year	Large	Year	Large	Year	Large
	Cents		Cents		Cents
1970	47.49	1974	64.49	1978	61.68
1971	39.95	1975	63.93	1979	68.15
1972	41.61	1976	70.33	1980	66.86
1973	65.63	1977	63.27		

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 591

<sup>1</sup> Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during the year.<sup>2</sup> Value of sales plus value of eggs consumed in households of producers.<sup>3</sup> Annual production, disposition, cash receipts, and gross income estimates for eggs were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>4</sup> Included are layers and eggs destroyed because of possible PCB contamination.<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 595.—Eggs: Products under Federal inspection, United States, fiscal years 1979<sup>1</sup> and 1980**

Item	Quantity		Item	Quantity	
	1979	1980		1979	1980
	<i>1,000 dozen</i>	<i>1,000 dozen</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
Shell eggs broken .....	687,447	725,460	Frozen product produced: <sup>4</sup>		
Edible liquid from shell eggs broken:			Whole plain .....	150,476	149,643
Whole .....	433,072	445,817	Whole blends .....	58,448	58,983
White .....	246,421	266,851	White .....	50,476	43,804
Yolk .....	162,200	170,330	Yolk plain .....	11,085	9,960
Total .....	841,693	882,998	Yolk blends .....	60,173	68,720
Inedible liquid from shell eggs broken	55,272	56,844	Total .....	330,658	331,110
Liquid egg used in processing: <sup>3</sup>			Dried product produced: <sup>4</sup>		
Whole .....	508,118	507,107	Whole plain .....	8,953	10,846
White .....	341,114	375,272	Whole blends .....	28,635	26,559
Yolk .....	176,735	186,807	White .....	18,971	22,423
Total .....	1,025,967	1,069,186	Yolk plain .....	14,783	14,962
Ingredients added in processing <sup>3</sup> .....	37,278	35,153	Yolk blends .....	5,850	6,340
Liquid product produced for immediate consumption and processing: <sup>4</sup>			Total .....	77,192	81,130
Whole plain .....	151,142	147,053			
Whole blends .....	63,722	66,557			
White .....	137,113	146,611			
Yolk plain .....	16,373	20,370			
Yolk blends .....	42,488	41,492			
Total .....	410,838	422,113			

<sup>1</sup> Data for 1979 has 1 more day than data for 1978.

<sup>2</sup> Includes all frozen eggs used for processing.

<sup>3</sup> Includes all non-egg ingredients added.

<sup>4</sup> Includes ingredients added.

Statistical Reporting Service.

## 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.

For convenience the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

- Economic trends table 596.
- Farm property, table 597.
- Population and employment, table 615.
- Farm production and distribution, table 624.
- Price and income, table 640
- Costs and expenses, table 656.

**Table 596.—Economic trends: Data relating to agriculture, United States, 1966–80**

Year	Prices paid by farmers		Prices received by farmers	Farm income			
	Total including interest, taxes, and wage rates	Production items		Gross farm income <sup>1</sup>	Production expenses	Net income	
						Current dollars	1967 dollars
	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1966	99	100	106	50.5	36.5	14.0	14.4
1967	100	100	100	50.5	38.2	12.3	12.3
1968	103	100	102	51.8	39.5	12.3	11.8
1969	108	104	107	56.4	42.1	14.3	13.0
1970	112	108	110	58.6	44.4	14.2	12.2
1971	118	113	113	62.0	47.4	14.6	12.1
1972	125	121	125	71.0	52.3	18.7	14.9
1973	144	146	179	98.9	65.6	33.3	25.1
1974	164	166	192	98.3	72.2	26.1	17.7
1975	180	182	185	100.3	75.9	24.5	15.2
1976	192	193	186	101.8	83.1	18.7	11.0
1977	203	200	183	108.7	90.3	18.4	10.1
1978	220	217	211	127.5	101.1	26.5	13.5
1979	250	249	241	151.9	119.2	32.7	15.0
1980	281	276	246	150.5	130.7	19.9	8.0

See footnotes at end of table.

**Table 596.—Economic trends: Data relating to agriculture, United States  
1966–80—Continued**

Year	Farm real estate value <sup>2</sup>	Farm real estate debt	Volume of agricultural exports	Volume of agricultural imports	National income <sup>3</sup>	Disposable 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>Index numbers 1977 = 100</i>	<i>Million dollars</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>
1966	33	21,187	107	103	628.1	513.7	97.8	97.2	101.6
1967	35	23,077	104	100	662.2	547.9	100.0	100.0	100.0
1968	38	25,142	101	105	722.5	593.4	106.3	104.2	103.6
1969	40	27,397	92	107	779.3	638.9	111.1	109.8	110.0
1970	42	29,183	106	111	810.7	695.3	107.8	116.3	113.5
1971	43	30,346	118	123	871.5	751.8	109.6	121.3	115.3
1972	47	32,208	120	128	963.7	810.4	119.7	125.3	121.7
1973	53	35,758	154	136	1,086.2	914.5	129.8	133.1	146.4
1974	66	41,253	165	137	1,160.7	998.3	129.3	147.7	166.9
1975	75	46,288	147	116	1,239.4	1,096.1	117.8	161.2	181.0
1976	86	51,069	167	136	1,379.2	1,194.4	130.5	170.5	180.4
1977	100	56,560	177	140	1,546.5	1,311.5	138.2	181.5	189.9
1978	109	63,642	204	123	1,745.4	1,462.9	146.1	195.4	207.2
1979	124	70,833	211	132	1,963.3	1,641.7	152.5	217.4	226.2
1980	143	82,123	<sup>6</sup> 246	<sup>6</sup> 119	2,121.4	1,821.7	147.0	246.8	239.5

<sup>1</sup> Includes cash receipts from marketings, government payments, nonmoney income (gross rental value of home consumption), other income (machine hire and custom work), and value of change in farm inventories.

<sup>2</sup> Farmland and buildings per acre as of Mar. 1 through 1975; as of Feb. 1 beginning 1976.

<sup>3</sup> U.S. Department of Commerce.

<sup>4</sup> Federal Reserve Board.

<sup>5</sup> U.S. Department of Labor.

<sup>6</sup> Preliminary.

Economic Research and Statistical Reporting Services.

**Table 597.—Farms: Number, land in farms, and average size of farm, U.S., 1975–81<sup>1</sup>**

Year	Farms	Land in farms	Average size of farm
	<i>Number</i>	<i>1,000 acres</i>	<i>Acres</i>
1975	2,521,420	1,059,420	420
1976	2,497,270	1,054,075	422
1977	2,455,830	1,047,785	427
1978	2,436,250	1,044,790	429
1979	2,429,960	1,043,195	429
1980	2,427,830	1,042,245	429
1981 <sup>2</sup>	2,418,740	1,041,370	431

<sup>1</sup> A farm is defined as a place having annual sales of agricultural products of \$1,000 or more. Series revised from 1975 to date.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 598.—Farms: Number and land in farms, by States, 1980 and 1981<sup>1</sup>

State	Farms		Land in farms	
	1980	1981 <sup>2</sup>	1980	1981 <sup>2</sup>
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
Ala . . . . .	58,000	58,000	12,700	12,600
Alaska <sup>3</sup> . . . . .	370	380	1,520	1,520
Ariz . . . . .	7,000	7,100	38,900	38,800
Ark . . . . .	59,000	59,000	16,500	16,500
Calif . . . . .	80,000	80,000	33,900	33,800
Colo . . . . .	26,500	26,500	36,500	36,500
Conn . . . . .	4,200	4,100	490	490
Del . . . . .	3,500	3,500	650	650
Fla . . . . .	39,000	39,000	13,400	13,300
Ga . . . . .	59,000	59,000	15,500	15,500
Hawaii . . . . .	4,300	4,300	1,970	1,965
Idaho . . . . .	24,100	24,200	15,400	15,400
Ill . . . . .	107,000	105,000	28,800	28,800
Ind . . . . .	88,000	87,000	16,800	16,800
Iowa . . . . .	119,000	118,000	33,800	33,800
Kans . . . . .	75,000	74,000	48,300	48,300
Ky . . . . .	102,000	101,000	14,600	14,500
La . . . . .	37,000	37,000	10,100	10,100
Maine . . . . .	8,300	8,300	1,615	1,615
Md . . . . .	17,500	17,500	2,750	2,800
Mass . . . . .	5,900	5,800	680	680
Mich . . . . .	66,000	65,000	11,400	11,400
Minn . . . . .	104,000	105,000	30,000	30,000
Miss . . . . .	55,000	55,000	14,600	14,600
Mo . . . . .	120,000	119,000	31,500	31,500
Mont . . . . .	23,800	23,900	62,100	62,100
Nebr . . . . .	65,000	64,000	47,700	47,600
Nev . . . . .	2,900	2,900	8,990	8,990
N.H . . . . .	3,400	3,600	545	545
N.J . . . . .	9,400	9,100	1,020	1,000
N. Mex . . . . .	13,500	13,600	46,800	46,700
N.Y . . . . .	48,000	48,000	9,400	9,200
N.C . . . . .	93,000	93,000	11,700	11,700
N. Dak . . . . .	40,000	40,000	41,700	41,700
Ohio . . . . .	95,000	94,000	16,300	16,300
Okla . . . . .	72,000	72,000	34,600	34,600
Oreg . . . . .	35,000	35,000	18,100	18,100
Pa . . . . .	62,000	62,000	9,000	9,000
R.I . . . . .	860	860	75	75
S.C . . . . .	35,000	34,000	6,400	6,400
S. Dak . . . . .	38,500	38,000	45,000	45,000
Tenn . . . . .	96,000	96,000	13,600	13,600
Tex . . . . .	186,000	186,000	138,800	138,800
Utah . . . . .	13,000	13,000	12,600	12,600
Vt . . . . .	7,700	7,900	1,740	1,740
Va . . . . .	58,000	58,000	9,800	9,800
Wash . . . . .	38,000	39,000	16,100	16,100
W. Va . . . . .	20,000	20,000	4,200	4,200
Wis . . . . .	93,000	93,000	18,600	18,600
Wyo . . . . .	9,100	9,200	35,000	35,000
U.S . . . . .	2,427,830	2,418,740	1,042,245	1,041,370

<sup>1</sup> A farm is defined as a place having sales of agricultural products of \$1,000 or more.

<sup>2</sup> Preliminary.

<sup>3</sup> Exclusive of grazing land leased from U.S. Government, Alaska farmland totals about 70,000 acres.

Statistical Reporting Service.

#### FOOTNOTES FOR TABLE 601

<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 forest land 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 area except for the major increase in 1959 when data for Alaska and Hawaii were added.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.



**Table 599.—Farms: Classification by tenure of operator, United States, 1880–1979**

Year	Farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1880	4,008,907				25.6	
1890	4,564,641				28.4	
1900	5,739,657	55.8	7.9	1.0	35.3	
1910	6,361,502	52.7	9.3	.9	37.0	
1920	6,453,991	52.2	8.7	1.1	38.1	17.5
1925	6,371,640	52.0	8.7	.6	38.6	19.9
1930 <sup>1</sup>	6,295,103	46.3	10.4	.9	42.4	24.1
1935	6,612,350	47.1	10.1	.7	42.1	20.9
1940 <sup>1</sup>	6,102,417	50.6	10.1	.6	38.8	18.0
1945	5,859,169	56.4	11.3	.7	31.7	15.5
1950 <sup>1</sup>	5,388,437	57.4	11.3	.4	26.9	13.1
1954	5,782,416	57.2	17.9	.4	24.4	11.6
1959 <sup>1</sup>	4,710,503	57.1	21.9	.6	20.5	7.4
1964 <sup>1</sup>	3,157,857	57.6	24.8	.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	
1979 <sup>1</sup>	2,478,642	58.6	28.8		12.7	

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

**Table 600.—Land in farms: Classification by tenure of operator, United States, 1880–1979**

Year	Land in farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1880	536,081,835					
1890	623,218,619					
1900	841,201,546	51.3	14.9	10.7	23.2	
1910	878,798,325	52.9	15.2	6.1	25.8	
1920	958,676,612	48.3	18.4	5.7	27.7	6.4
1925	924,319,352	45.4	21.3	4.7	28.7	7.1
1930 <sup>1</sup>	990,111,984	37.6	24.9	6.4	31.0	9.2
1935	1,054,515,111	37.1	25.2	5.8	31.9	7.9
1940 <sup>1</sup>	1,065,113,774	35.9	28.2	6.5	29.4	6.3
1945	1,141,615,364	36.1	32.5	9.3	22.0	5.0
1950 <sup>1</sup>	1,161,419,720	36.1	36.4	9.2	18.3	3.6
1954	1,160,043,854	34.2	40.7	8.6	16.6	2.4
1959 <sup>1</sup>	1,123,378,059	30.8	44.8	9.8	14.9	1.4
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	
1979 <sup>1</sup>	1,029,694,535	33.1	54.9		12.1	

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

**Table 601.—Land utilization, United States, selected years, 1920–78**

Major land uses	1920	1930	1940	1950	1959	1969	1974	1978
	<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	382	368	377	359	333	361	370
Idle cropland	34	31	31	32	33	51	21	26
Cropland used only for pasture	78	67	68	69	66	88	83	76
Grassland pasture <sup>2</sup>	652	652	650	631	633	604	598	587
Forest land <sup>3</sup>	602	601	608	601	728	723	718	703
Special uses <sup>4</sup>					147	174	182	502
Other land	170	171	179	194	305	291	301	
Total land area <sup>5</sup>	1,904	1,904	1,904	1,904	2,271	2,264	2,264	2,264

See footnotes on page 416.

Table 602.—Land utilization, by States, 1978

State	Cropland			Grassland pasture <sup>2</sup>	Forest land <sup>3</sup>	Special use areas <sup>4</sup>	Other land	Total land area
	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
Ala	3,730	323	1,799	2,025	21,333	1,474	1,768	32,452
Alaska	20	5	4	1,263	117,932	34,320	208,972	362,516
Ariz	1,232	228	144	41,388	17,475	9,188	2,932	72,587
Ark	7,793	341	2,446	2,156	18,230	1,249	1,030	33,245
Calif	9,528	654	1,627	23,556	37,035	13,197	14,474	100,071
Colo	8,979	706	1,107	28,863	20,009	3,515	3,231	66,410
Conn	178	16	56	52	1,831	122	857	3,112
Del	498	15	18	8	390	99	240	1,268
D.C.							39	39
Fla	2,965	414	1,314	5,382	16,738	4,156	3,649	34,618
Ga	5,123	607	1,552	1,360	24,840	1,868	1,817	37,167
Hawaii	159	147	27	1,136	1,610	854	179	4,112
Idaho	5,689	235	769	20,941	17,890	4,265	3,124	52,913
Ill	23,465	779	1,517	1,461	3,757	1,805	2,895	35,679
Ind	12,203	579	1,104	1,253	3,895	1,131	2,937	23,102
Iowa	24,314	1,186	3,176	1,755	1,485	1,668	2,218	35,802
Kans	26,867	1,397	3,157	15,786	1,298	1,738	2,101	52,344
Ky	5,024	771	4,134	1,397	11,948	1,044	1,058	25,376
La	4,975	378	1,188	1,851	14,527	1,280	4,556	28,755
Maine	494	98	98	118	17,474	371	1,138	19,789
Md	1,533	110	255	173	2,544	556	1,159	6,330
Mass	216	18	77	43	2,847	425	1,383	5,009
Mich	7,270	867	758	1,150	18,979	2,017	5,322	36,363
Minn	20,092	1,589	1,647	1,436	16,014	4,179	5,788	50,745
Miss	6,141	398	1,965	1,814	16,696	829	2,426	30,269
Mo	12,970	948	6,939	5,840	12,587	1,715	3,158	44,157
Mont	14,611	633	1,212	48,711	19,003	5,972	3,034	93,176
Nebr	20,339	890	2,361	22,169	1,015	1,526	649	48,949
Nev	613	62	191	46,176	7,272	7,485	8,529	70,328
N.H.	139	13	47	30	4,867	208	473	5,777
N.J.	622	50	83	54	1,894	433	1,677	4,813
N. Mex	1,819	24	482	51,626	16,805	4,974	1,973	77,703
N.Y.	4,542	446	1,197	1,469	14,737	3,810	4,411	30,612
N.C.	4,975	634	990	736	19,590	1,814	2,492	31,231
N. Dak	27,885	725	1,605	10,878	426	1,824	996	44,339
Ohio	10,524	631	1,258	1,425	6,065	1,318	5,003	26,224
Okla	9,542	1,008	4,204	17,524	8,471	1,395	1,876	44,020
Oreg	4,254	269	820	23,041	28,498	2,659	2,016	61,557
Pa	4,393	386	1,038	873	16,632	2,347	3,109	28,778
R.I.	25	4	8	3	395	67	169	671
S.C.	2,784	231	628	472	12,167	1,135	1,927	19,344
S. Dak	16,697	863	2,309	24,213	1,673	1,583	1,273	48,611
Tenn	4,930	419	3,011	1,548	12,820	2,608	1,114	26,450
Tex	24,598	3,734	12,130	93,884	23,203	4,531	5,686	167,766
Utah	1,428	127	496	23,456	14,933	4,777	7,324	52,541
Vt	589	20	254	194	4,450	242	1,82	5,931
Va	2,943	325	1,718	1,540	16,009	1,383	1,541	25,459
Wash	7,392	466	617	6,603	20,349	5,250	1,928	42,605
W. Va	664	86	816	698	11,509	452	1,180	15,405
Wis	10,527	576	1,480	1,850	14,840	2,132	3,452	34,857
Wyo	2,156	149	474	45,399	5,640	5,589	2,803	62,210
U.S.	370,449	25,578	76,307	586,779	702,627	158,579	343,268	2,263,587

<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 forest land in parks and other special uses of land. Includes forested grazing land.<sup>4</sup> Includes rural transportation areas, Federal and States areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 603.—Land in farms: <sup>1</sup>Irrigated land, by States, 1944–78

State	1944	1949	1954	1959	1964	1969	1974	1978 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Ala	( <sup>3</sup> )	( <sup>3</sup> )	17	17	12	11	14	59
Alaska					( <sup>2</sup> )	1	1	1
Ariz	736	964	1,177	1,152	1,125	1,178	1,153	1,211
Ark	289	422	858	712	974	1,010	949	1,686
Calif	4,952	6,438	7,048	7,396	7,599	7,240	7,749	8,604
Colo	2,669	2,872	2,263	2,685	2,690	2,895	2,874	3,458
Conn	( <sup>3</sup> )	8	12	5	14	9	7	7
Del	( <sup>3</sup> )	( <sup>3</sup> )	6	16	18	20	20	34
Fla	222	365	428	414	1,217	1,365	1,559	1,991
Ga	( <sup>3</sup> )	3	24	34	64	79	112	464
Hawaii	( <sup>3</sup> )	117	( <sup>3</sup> )	141	144	146	142	159
Idaho	2,026	2,137	2,325	2,577	2,802	2,761	2,859	3,508
Ill	( <sup>3</sup> )	2	7	10	14	51	54	130
Ind	1	5	12	17	17	34	33	75
Iowa	1	1	2	18	22	21	39	101
Kans	96	139	332	762	1,004	1,522	2,010	2,686
Ky	( <sup>3</sup> )	( <sup>3</sup> )	13	9	14	20	11	15
La	536	577	708	485	581	702	702	682
Maine	( <sup>3</sup> )	1	1	2	4	6	6	7
Md	( <sup>3</sup> )	1	8	11	16	22	23	29
Mass	11	19	23	20	24	19	19	17
Mich	3	14	23	40	49	77	97	226
Minn	( <sup>3</sup> )	4	9	15	18	36	78	272
Miss	( <sup>3</sup> )	5	132	100	123	150	162	310
Mo	1	2	33	30	59	156	150	344
Mont	1,555	1,717	1,891	1,875	1,893	1,841	1,759	2,086
Nebr	632	876	1,171	2,078	2,169	2,857	8,967	5,698
Nev	674	727	567	543	825	753	778	899
N.H.	( <sup>3</sup> )	1	1	1	3	2	2	2
N.J.	12	28	59	74	96	72	89	78
N. Mex	535	655	650	732	813	823	867	904
N.Y.	10	19	59	58	79	55	55	56
N.C.	( <sup>3</sup> )	2	25	66	97	59	51	93
N. Dak	23	35	38	48	51	63	71	141
Ohio	4	6	15	12	17	22	22	26
Okla	2	34	108	198	302	524	515	602
Oreg	1,129	1,307	1,490	1,384	1,608	1,519	1,561	1,920
Pa	9	7	18	17	23	19	18	15
R.I.	( <sup>3</sup> )	2	1	( <sup>3</sup> )	1	2	2	3
S.C	( <sup>3</sup> )	6	22	25	19	15	10	33
S. Dak	53	78	90	116	130	148	152	341
Tenn	( <sup>3</sup> )	1	23	11	11	12	10	14
Tex	1,320	3,123	4,707	5,656	6,385	6,888	6,594	7,018
Utah	1,124	1,138	1,073	1,062	1,092	1,025	970	1,185
Vt	( <sup>3</sup> )	( <sup>3</sup> )	1	2	2	( <sup>3</sup> )	1	2
Va	1	3	22	31	51	37	28	44
Wash	520	589	778	1,007	1,150	1,224	1,309	1,681
W. Va	( <sup>3</sup> )	( <sup>3</sup> )	1	1	2	3	2	1
Wis	5	10	18	32	62	106	128	235
Wyo	1,354	1,432	1,263	1,470	1,571	1,523	1,460	1,685
U.S.	20,539	25,905	29,552	33,164	37,057	39,122	41,243	50,838
P.R.	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	76	89	91	70	( <sup>4</sup> )
V.I.	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>4</sup> )
Total	20,539	25,905	29,552	33,240	37,145	39,213	41,313	50,838

<sup>1</sup>Data may not add because of rounding.<sup>2</sup>Data 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.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 605

<sup>1</sup>Land and buildings.<sup>2</sup>Excludes Alaska and Hawaii. Data as of the first day of month specified.

Economic Research Service.

Table 604.—Farm real estate: Value of farmland and buildings by farm production regions, 1966–81<sup>1</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1966	9,580	12,585	41,384	18,729	14,016	11,513
1967	10,024	13,462	44,860	20,233	14,940	11,989
1968	10,477	14,178	47,091	21,819	15,866	12,571
1969	11,190	15,116	48,983	22,917	16,680	13,531
1970	12,290	15,786	49,504	23,102	17,267	14,452
1971	12,884	16,317	50,462	23,442	18,272	15,513
1972	13,869	17,351	53,342	24,844	19,655	16,822
1973	15,813	20,021	59,552	27,885	22,090	18,794
1974	19,348	24,063	75,062	35,457	26,346	23,894
1975	21,299	27,691	86,069	42,754	27,041	24,754
1976	23,352	32,325	105,585	51,337	31,150	27,190
1977	25,449	40,383	140,217	60,016	35,523	30,600
1978	27,850	46,349	154,944	63,129	40,060	34,387
1979	31,353	54,201	179,716	75,269	48,342	40,356
1980	34,820	62,948	204,614	85,828	52,934	46,983
1981	36,882	72,207	217,551	91,256	56,382	51,715

  

Year	Delta States	Southern Plains	Mountain	Pacific	48 States
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1966	9,736	22,238	15,208	23,673	178,663
1967	10,236	23,346	16,094	23,346	186,529
1968	11,022	25,009	16,954	24,113	199,099
1969	11,786	26,289	17,575	24,504	208,572
1970	12,412	27,552	18,413	24,264	215,042
1971	12,674	28,982	19,729	24,049	222,324
1972	13,754	31,744	21,904	25,271	238,656
1973	15,088	35,896	24,567	26,535	266,241
1974	18,161	43,879	30,803	29,556	326,569
1975	18,322	44,741	33,284	32,663	358,638
1976	20,259	50,352	38,928	36,672	417,150
1977	22,740	55,476	45,350	40,622	496,376
1978	27,009	62,489	50,789	47,961	554,967
1979	32,833	71,088	59,267	60,268	652,693
1980	40,332	82,639	67,424	69,620	748,202
1981	48,218	91,056	71,957	83,004	820,228

<sup>1</sup> As of Mar. 1 in 1966–75 and as of Feb. 1 in 1976–81. Data are derived by multiplying average value per acre of farm real estate by the land in farms.

Economic Research Service.

Table 605.—Farm real estate: Index numbers of average value per acre, United States, 1966–81<sup>1</sup> [1977 = 100]

Date	Index	Date	Index	Date	Index
1966:		1972:		1978:	
Mar	33	Mar	47	Feb	109
Nov	35	Nov	50	Nov	117
1967:		1973:		1979:	
Mar	35	Mar	53	Feb	124
Nov	37	Nov	60	Nov	134
1968:		1974:		1980:	
Mar	38	Mar	66	Feb	143
Nov	39	Nov	72	1981:	
1969:		1975:		Feb	156
Mar	40	Mar	75		
Nov	41	Nov	81		
1970:		1976:			
Mar	42	Feb	86		
Nov	42	Nov	94		
1971:		1977:			
Mar	43	Feb	100		
Nov	45	Nov	105		

See footnotes on page 419.

**Table 606.—Farm real estate: Index numbers of average value per acre, by States, 1977-81<sup>1</sup>**  
 [1977 = 100]

State	1977	1978	1979	1980	1981	State	1977	1978	1979	1980	1981
Ala	100	105	119	148	175	Nev <sup>2,3</sup>	100	111	119	133	143
Ariz <sup>2,3</sup>	100	104	112	125	134	N.H. <sup>4</sup>	100	110	121	131	139
Ark	100	110	133	159	183	N.J.	100	103	111	120	122
Calif	100	113	139	167	204	N. Mex <sup>2,3</sup>	100	104	112	125	133
Colo.	100	107	130	152	165	N.Y.	100	102	111	118	125
Conn. <sup>4</sup>	100	110	121	131	139	N.C.	100	103	122	131	143
Del.	100	112	129	151	166	N. Dak.	100	106	118	136	144
Fla. <sup>5</sup>	100	108	120	142	159	Ohio	100	113	135	153	158
Ga.	100	111	120	134	141	Okla.	100	110	121	143	157
Idaho	100	108	118	135	144	Oreg.	100	109	119	131	143
Ill.	100	111	125	135	143	Pa.	100	112	127	140	144
Ind.	100	113	129	149	161	R.I. <sup>4</sup>	100	110	121	131	139
Iowa	100	104	120	140	150	S.C.	100	103	110	118	125
Kans.	100	101	116	132	136	S. Dak.	100	117	132	151	160
Ky.	100	113	133	148	154	Tenn.	100	112	123	136	146
La.	100	115	131	169	200	Texas	100	111	124	143	158
Maine <sup>4</sup>	100	110	121	131	139	Utah <sup>2,3</sup>	100	106	113	126	135
Md.	100	117	133	166	189	Vt. <sup>4</sup>	100	110	121	131	139
Mass. <sup>4</sup>	100	110	121	131	139	Va.	100	108	128	139	149
Mich.	100	112	125	142	162	Wash.	100	108	119	125	148
Minn.	100	112	131	155	179	W. Va.	100	102	119	131	141
Miss.	100	115	129	156	198	Wis.	100	118	139	159	180
Mo.	100	114	128	155	166	Wyo <sup>3</sup>	100	104	118	126	135
Mont.	100	111	123	144	149						
Nebr.	100	96	117	134	147	48 States	100	109	124	143	156

<sup>1</sup> All farmlands with improvements as of Feb. 1.

<sup>2</sup> Indexes for 1979-80 were estimated by combining survey data to obtain an average rate of change for these 4 mountain states.

<sup>3</sup> Indexes for 1981 were estimated using the average of the percentage changes in the Montana, Idaho and Colorado indexes.

<sup>4</sup> Based on an average for the six New England States.

<sup>5</sup> Value indexed up by the average of the percentage change in Alabama and Georgia index values beginning 1973.

Economic Research Service.

**Table 607.—Farm transfers: Estimated number by various methods per 1,000 of all farms, United States, 1966-81<sup>1</sup>**  
 [Number per thousand]

Year <sup>2</sup>	Voluntary sales	Fore-closures <sup>3</sup>	Tax sales	All other sales <sup>4</sup>	Total	Year <sup>2</sup>	Voluntary sales	Fore-closures <sup>3</sup>	Tax sales	All other sales <sup>4</sup>	Total
1966	31.1	0.9	0.6	13.7	46.3	1974	41.2	.9	.....	16.2	58.3
1967	30.9	.8	.2	12.6	44.5	1975	32.3	1.3	.....	14.2	47.8
1968	30.4	1.1	.2	12.5	44.2	1976	28.1	1.5	.....	13.1	42.7
1969	30.6	1.0	.3	12.9	44.8	1977	28.0	1.4	.....	13.6	43.0
1970	27.8	1.6	.....	12.0	41.4	1978	26.9	2.0	.....	12.8	41.7
1971	28.7	1.4	.....	12.6	42.7	1979	25.9	1.1	.....	12.6	39.6
1972	34.0	1.4	.....	12.5	47.9	1980	26.2	1.1	.....	12.7	40.0
1973	41.0	1.3	.....	13.5	55.9	1981	22.7	1.3	.....	12.4	36.4

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Years ending Mar. 1 in 1966-75 and Feb. 1 in 1976-81.

<sup>3</sup> Includes foreclosures, assignments, bankruptcies, and related defaults.

<sup>4</sup> Includes inheritances and gifts, administrators' and executors' sales, and miscellaneous or unclassified sales.

Economic Research Service.

**Table 608.—Farm transfers: Number per 1,000 of all farms by type and farm production regions, 1971-81**  
 [Number per thousand]

Type of transfer and year <sup>1</sup>	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	<sup>1</sup> Moun-tain	Pacific	United States <sup>2</sup>
<b>Voluntary sales and trades:<sup>3</sup></b>											
1971	37.4	36.0	24.8	19.2	24.2	30.1	21.9	30.4	33.8	40.5	28.7
1972	35.9	39.5	35.2	26.0	27.9	30.6	23.4	40.9	42.5	48.3	34.0
1973	42.7	42.3	40.7	32.5	35.6	43.3	31.0	46.3	49.3	61.1	41.0
1974	37.9	44.3	43.0	32.1	34.0	32.6	34.2	52.6	53.9	58.9	41.2
1975	33.1	40.3	30.4	22.8	26.4	28.7	29.3	33.6	40.8	58.2	32.3
1976	32.2	33.6	27.3	19.4	26.5	17.0	22.3	32.6	35.9	43.8	28.1
1977	26.1	31.3	29.5	18.7	25.8	25.4	28.0	22.1	32.4	51.6	28.0
1978	33.6	28.0	29.2	18.0	25.2	20.1	20.4	23.7	34.8	44.7	26.9
1979	26.5	26.8	26.7	21.1	22.9	21.0	23.8	21.8	32.3	48.1	25.9
1980	31.7	28.6	24.1	23.0	23.9	22.9	22.8	21.3	37.5	45.2	26.2
1981	25.5	24.6	22.0	18.8	18.8	19.8	22.8	25.1	29.4	30.4	22.7
<b>Foreclosure of mortgages, bankruptcy, etc.:</b>											
1971	2.2	1.5	1.2	1.1	.5	1.2	1.4	.7	2.1	4.4	1.4
1972	1.7	1.5	1.0	1.3	1.1	1.5	2.0	.2	2.0	3.6	1.4
1973	2.1	2.4	.9	.9	.8	.8	1.1	.7	3.2	3.0	1.3
1974	.8	1.0	.6	.5	.6	.3	1.7	.9	1.4	2.6	.9
1975	2.2	.6	.8	.7	.9	1.1	1.3	1.7	2.5	5.3	1.3
1976	1.6	1.6	.6	.5	1.4	.4	3.1	2.4	1.8	4.7	1.5
1977	2.8	1.4	.6	1.0	.5	2.5	2.0	1.6	2.3	3.2	1.4
1978	2.0	3.3	1.4	1.7	1.2	2.1	2.0	2.2	2.3	4.3	2.0
1979	1.2	1.5	.6	1.2	1.2	1.0	1.4	1.0	1.6	1.9	1.1
1980	1.7	1.6	.9	1.2	.4	1.2	1.2	.9	2.3	.8	1.1
1981	1.6	1.9	.7	1.2	1.7	1.8	1.7	.8	2.5	1.0	1.3
<b>Inheritances and gifts:</b>											
1971	4.3	2.1	4.9	4.2	4.7	7.2	4.9	5.5	4.0	4.3	4.7
1972	1.7	2.1	4.6	4.7	6.2	4.7	5.0	5.9	3.1	4.9	4.4
1973	3.2	2.0	4.5	4.4	5.2	4.5	4.4	4.9	2.2	4.4	4.2
1974	6.2	2.1	5.3	6.0	6.5	6.5	7.6	10.9	3.1	3.7	6.0
1975	5.8	2.6	4.6	3.4	7.2	4.1	5.2	11.0	2.7	3.6	5.4
1976	5.9	2.3	4.7	3.8	6.9	6.5	5.5	11.2	3.5	3.8	5.6
1977	3.8	3.4	6.6	5.0	6.2	7.5	9.9	7.2	5.4	3.6	6.0
1978	4.0	2.1	6.2	4.1	7.9	7.1	5.1	6.5	3.2	3.6	5.4
1979	4.0	1.8	5.0	4.1	7.5	7.7	5.3	5.4	3.4	3.6	5.0
1980	3.9	2.3	4.9	4.5	6.5	7.4	7.5	6.6	3.3	2.7	5.1
1981	4.6	2.2	4.6	4.4	7.1	4.8	6.7	4.5	3.5	2.4	4.7
<b>Administrators' and executors' sales:<sup>4</sup></b>											
1971	6.1	5.7	7.3	8.1	6.5	7.5	6.2	6.6	3.9	5.0	6.6
1972	4.8	5.3	9.2	8.9	8.2	4.5	3.4	7.6	5.7	4.5	6.8
1973	7.5	6.2	10.0	8.3	10.0	6.7	8.1	8.0	3.9	4.5	8.1
1974	6.2	5.3	9.4	9.2	9.2	8.6	11.2	8.0	4.9	7.2	8.3
1975	7.4	7.1	7.6	6.7	7.4	5.3	9.8	8.0	5.1	4.6	7.2
1976	5.3	4.7	8.2	6.5	6.8	5.7	5.4	6.6	4.5	3.8	6.3
1977	6.6	4.4	7.7	7.1	7.6	5.6	9.7	4.6	4.7	4.8	6.5
1978	6.2	4.2	7.0	7.7	8.7	6.8	3.6	5.2	3.3	5.3	6.3
1979	7.6	5.4	7.2	7.0	8.6	7.1	5.6	4.5	3.2	4.9	6.5
1980	6.0	3.5	7.6	8.0	8.5	6.0	4.8	6.1	3.1	5.7	6.5
1981	6.0	5.8	9.0	8.0	8.1	6.0	3.7	4.3	4.2	5.9	6.8
<b>Total, all classes<sup>5</sup></b>											
1971	54.1	46.5	39.2	33.9	36.9	47.7	34.6	43.5	45.2	55.5	42.7
1972	45.7	50.5	51.3	42.1	44.5	43.2	34.8	55.9	55.1	61.9	47.9
1973	55.7	54.3	57.2	46.9	52.8	56.0	45.8	60.7	60.3	75.1	55.9
1974	53.2	54.9	60.4	49.2	51.6	48.9	56.8	76.2	64.1	74.1	58.3
1975	49.7	52.1	44.5	34.2	43.6	40.1	47.3	58.6	53.2	72.9	47.8
1976	46.5	42.9	42.1	31.1	42.6	30.0	37.0	55.4	47.1	57.7	42.7
1977	41.8	41.9	45.4	32.7	41.2	41.7	50.0	36.2	47.1	64.8	43.0
1978	47.0	38.7	44.4	32.5	44.1	36.6	32.7	38.9	44.7	60.5	41.7
1979	40.8	36.0	40.4	34.9	42.1	37.4	37.3	32.8	41.9	60.5	39.6
1980	45.2	36.4	38.2	38.0	41.4	37.8	37.1	36.1	47.3	56.0	40.0
1981	38.9	35.5	37.0	33.1	36.7	32.8	35.1	35.9	40.2	41.5	36.4

<sup>1</sup> Years ending Mar. 1 in 1971-75 and Feb. 1 in 1976-81. <sup>2</sup> Excludes Alaska and Hawaii. <sup>3</sup> Includes contracts to purchase, but not options. <sup>4</sup> Includes all other sales in settlement of estates. <sup>5</sup> Includes miscellaneous and unclassified.

**Table 609. — Farm assets and claims: Comparative balance sheet of the farming sector, United States, Jan. 1, 1966-81**

Item	1966	1967	1968	1969	1970	1971	1972	1973
	<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>	<i>Billion dollars</i>
<b>ASSETS</b>								
Physical assets:								
Real estate .....	179.2	189.1	199.7	209.2	215.8	223.2	239.6	267.3
Non-real-estate:								
Livestock <sup>1</sup> .....	17.6	19.0	18.9	20.2	23.5	23.7	27.3	34.1
Machinery and motor vehicles .....	26.0	27.4	29.8	31.3	32.3	34.4	36.6	39.3
Crops stored on and off farms <sup>2</sup> .....	9.7	10.0	9.6	10.6	10.9	10.7	11.8	14.5
Household furnishings and equipment .....	8.4	8.3	8.8	9.4	9.6	10.0	10.8	11.9
Financial assets:								
Deposits and currency .....	10.0	10.3	10.9	11.5	11.9	12.4	13.2	14.0
United States savings bonds .....	4.0	3.9	3.8	3.8	3.7	3.6	3.7	4.0
Investments in cooperatives .....	5.9	6.2	6.5	6.8	7.2	8.0	8.8	9.7
<b>Total<sup>3</sup></b> .....	<b>260.8</b>	<b>274.2</b>	<b>288.0</b>	<b>302.8</b>	<b>314.9</b>	<b>326.0</b>	<b>351.8</b>	<b>394.8</b>
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt .....	21.2	23.1	25.1	27.4	29.2	30.3	32.2	35.7
Non-real-estate debt to—								
Commodity Credit Corporation <sup>4</sup> .....	1.4	1.2	1.4	2.7	2.7	1.9	2.3	1.8
Other reporting institutions <sup>5</sup> .....	11.5	12.4	13.8	14.6	15.8	17.4	19.6	22.0
Nonreporting creditors <sup>6</sup> .....	7.0	7.4	7.1	5.8	5.3	4.9	5.0	5.8
<b>Total liabilities<sup>3</sup></b> .....	<b>40.7</b>	<b>44.1</b>	<b>47.4</b>	<b>50.5</b>	<b>53.0</b>	<b>54.5</b>	<b>59.1</b>	<b>65.3</b>
Proprietors' equity .....	220.1	230.1	240.6	252.3	261.9	271.5	292.7	327.5
<b>Total<sup>3</sup></b> .....	<b>260.8</b>	<b>274.2</b>	<b>288.0</b>	<b>302.8</b>	<b>314.9</b>	<b>326.0</b>	<b>351.8</b>	<b>394.8</b>
Item	1974	1975 <sup>7</sup>	1976	1977	1978	1979	1980	1981 <sup>8</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>	<i>Billion dollars</i>
<b>ASSETS</b>								
Physical assets:								
Real estate .....	327.7	359.8	418.2	496.4	554.6	655.1	756.2	828.7
Non-real-estate:								
Livestock <sup>1</sup> .....	42.4	24.5	29.4	29.0	31.9	51.3	61.4	60.9
Machinery and motor vehicles .....	44.2	54.7	64.0	71.0	76.9	85.1	96.7	102.3
Crops stored on and off farms <sup>2</sup> .....	22.1	23.2	21.3	22.1	24.8	28.0	35.5	36.4
Household furnishings and equipment .....	12.3	12.6	12.8	13.7	15.5	18.0	19.4	22.0
Financial assets:								
Deposits and currency .....	14.9	14.0	14.5	14.8	15.2	15.5	15.9	16.2
United States savings bonds .....	4.1	3.8	3.9	3.8	3.9	4.2	4.0	3.8
Investments in cooperatives .....	10.8	11.0	12.2	13.1	14.3	15.6	17.3	19.9
<b>Total<sup>3</sup></b> .....	<b>478.5</b>	<b>503.8</b>	<b>576.3</b>	<b>664.0</b>	<b>737.1</b>	<b>872.9</b>	<b>1,004.4</b>	<b>1,090.3</b>
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt .....	41.3	46.3	51.0	56.6	63.6	70.8	82.7	92.0
Non-real-estate debt to—								
Commodity Credit Corporation <sup>4</sup> .....	.7	.3	.4	1.0	4.5	5.2	4.5	4.4
Other reporting institutions <sup>5</sup> .....	26.2	29.2	33.1	37.8	42.7	49.6	59.0	64.2
Nonreporting creditors <sup>6</sup> .....	5.9	6.0	6.3	7.3	8.4	10.4	11.7	14.0
<b>Total liabilities<sup>3</sup></b> .....	<b>74.1</b>	<b>81.8</b>	<b>90.4</b>	<b>102.6</b>	<b>119.3</b>	<b>136.1</b>	<b>157.9</b>	<b>174.5</b>
Proprietors' equity .....	404.4	421.9	485.9	561.3	617.8	736.8	846.5	915.7
<b>Total<sup>3</sup></b> .....	<b>478.5</b>	<b>503.8</b>	<b>576.3</b>	<b>664.0</b>	<b>737.1</b>	<b>872.9</b>	<b>1,004.4</b>	<b>1,090.3</b>

<sup>1</sup> Horses and mules are excluded.<sup>2</sup> Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.<sup>3</sup> Total of rounded data.<sup>4</sup> Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.<sup>5</sup> Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.<sup>6</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others.<sup>7</sup> Beginning with 1975, data are for farms included in new farm definition, that is, assets and debts on places with sales less than \$1,000 annually are excluded.<sup>8</sup> Preliminary.

Economic Research Service.

Table 610.—Production assets: Total used in agriculture, United States, Jan. 1, 1966–81

Year	Total <sup>1</sup>	Average		Year	Total <sup>1</sup>	Average	
		Per farm worker	Per farm			Per farm worker	Per farm
	<i>Billion dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Billion dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1966 .....	222.5	39,661	68,314	1974 .....	421.5	97,186	150,805
1967 .....	235.3	45,166	74,414	1975 <sup>2</sup> .....	442.2	100,751	175,406
1968 .....	247.6	50,499	80,625	1976 .....	509.1	117,250	203,884
1969 .....	260.8	54,916	86,933	1977 .....	588.1	134,453	239,454
1970 .....	272.4	59,268	92,370	1978 .....	654.7	157,569	268,760
1971 .....	282.1	62,370	97,208	1979 .....	779.2	196,916	320,658
1972 .....	304.7	68,552	106,538	1980 .....	902.0	239,003	371,499
1973 .....	343.0	78,435	121,501	1981 <sup>3</sup> .....	980.1	264,513	405,167

<sup>1</sup>Includes farm real estate less value of operators' dwellings; livestock; machinery less the personal use of automobiles and trucks; all crops; currency and demand deposits; and the net worth of cooperatives.

<sup>2</sup>Beginning with 1975, data are for farms included in new farm definition, that is, assets and debts on places with sales less than \$1,000 annually are excluded.

<sup>3</sup>Preliminary.

Economic Research Service.

Table 611.—Livestock: Number and value, United States, Jan. 1, 1979–81

Class of livestock and poultry	Number			Value					
				Per head <sup>2</sup>			Total		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Cattle .....	110,864	111,192	115,013	403	502	473	44,697,773	55,831,294	54,359,749
Hogs <sup>3</sup> .....	60,356	67,353	64,520	83.20	56.10	74.70	5,023,454	3,774,920	4,822,265
Sheep and lambs .....	12,365	12,687	12,942	72.10	78.20	69.90	890,970	992,127	904,488
Total <sup>4</sup> .....	.....	.....	.....	.....	.....	.....	50,612,197	60,598,341	60,086,502
Chickens <sup>5</sup> .....	396,933	400,585	392,200	1.75	1.81	1.88	696,019	726,365	738,542
Turkey breeder hens <sup>5,6</sup> .....	3,370	3,705	3,920	12.53	13.58	14.33	42,222	50,304	56,188
Total <sup>6</sup> .....	.....	.....	.....	.....	.....	.....	51,350,438	61,375,010	60,881,232

<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> Includes cattle, hogs, and sheep and lambs.

<sup>5</sup> Selected States.

<sup>6</sup> Includes all cattle, hogs, sheep and lambs, and chickens plus turkey breeder hens in 26 major States.

Statistical Reporting Service.



**Table 612.—Farm machinery and equipment: Number of specified kinds on farms, and tractor horsepower, Jan. 1, United States, 1966–81**

Year	Tractors (exclusive of steam and garden)			Tractor horsepower	Motor-trucks	Grain combines <sup>1</sup>	Corn pickers and picker shellers <sup>2</sup>	Pickup balers <sup>3</sup>	Field forage harvesters <sup>4</sup>
	Total	Wheel	Crawler						
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Millions</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1966 ..	4,783	4,594	189	182	3,017	888	686	752	316
1967 ..	4,786	4,593	193	189	3,009	867	680	748	319
1968 ..	4,766	4,570	196	195	3,016	847	673	739	321
1969 ..	4,712	4,513	199	199	3,004	820	657	725	314
1970 ..	4,619	4,416	203	203	2,984	790	635	708	304
1971 ..	4,584	4,391	193	206	2,994	760	630	700	300
1972 ..	4,549	4,366	183	209	3,003	725	625	692	298
1973 ..	4,518	4,345	173	212	3,013	701	621	684	292
1974 ..	4,493	4,329	164	219	3,023	698	618	674	295
1975 ..	4,469	4,311	158	222	3,032	524	615	667	255
1976 ..	4,434	4,281	153	228	3,043	527	610	641	263
1977 ..	4,402	4,260	142	232	3,044	535	605	615	270
1978 <sup>5</sup> ..	4,839	4,689	150	266	3,555	664	694	769	301
1979 ..	4,810	4,661	149	269	3,734	667	692	766	303
1980 ..	4,775	4,627	148	277	3,992	669	690	764	301
1981 <sup>6</sup> ..	4,741	4,594	146	275	4,072	671	687	761	300

<sup>1</sup> Data for 1975 and thereafter are for self-propelled combines only.

<sup>2</sup> Includes cornheads for combines.

<sup>3</sup> Does not include large balers that produce over 200-pound bales.

<sup>4</sup> Data for 1976 and thereafter do not include flail-type forage harvesters.

<sup>5</sup> U.S. totals for 1978 are not directly comparable with totals for 1974 or earlier census years, as they include State level data from farm operators represented on the census mailing list plus estimates from the direct enumeration sample for farms not represented on the mailing list. As a result, figures for nearly all categories are somewhat higher than they would be using the earlier base. The 1974 U.S. data include only operations represented on the mailing list. Estimates are pegged to Census year data for all noncensus years before 1978.

<sup>6</sup> Preliminary.

Economic Research Service.

## FOOTNOTES FOR TABLE 615

<sup>1</sup> Total population includes Armed Forces overseas. Estimates for 1971–80 do not reflect the results of the 1980 census.

<sup>2</sup> Farm population is defined as all persons living on places of 10 or more acres with at least \$50 worth of agricultural products sold in reporting year, and places of under 10 acres if at least \$250 worth of agricultural products were sold.

<sup>3</sup> Beginning 1978, the farm population is defined as all persons living on places with \$1,000 or more of agricultural sales in the reporting year.

Economic Research Service and the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 616

<sup>1</sup> Annual averages are the straight averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October.

<sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families 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> Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

Table 613.—Farm machines, selected types: Units manufactured in the United States, 1966-79

Year	Tractor moldboard plows	One-way disk plows or tillers	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Tractor cultivators <sup>1</sup>	Power sprayers and dusters	Crop driers (heated air)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1966	109,784	2,332	13,353	30,050	58,878	71,099	14,904
1967	95,936	2,565	17,777	29,088	61,724	65,691	15,277
1968	62,701	1,136	18,568	23,108	53,171	64,705	20,310
1969	39,951	1,186	20,141	22,962	23,146	44,627	8,156
1970	37,894	961	14,946	16,986	25,857	39,298	7,153
1971	34,519	1,016	13,231	14,439	20,451	36,718	13,245
1972	44,914	1,137	18,296	16,766	19,180	37,649	16,997
1973	59,636	1,315	23,817	19,387	36,133	63,359	23,364
1974	60,543	1,066	29,466	25,615	41,450	81,039	34,781
1975	56,659	357	35,898	30,178	48,404	61,835	30,808
1976	52,711	317	38,199	31,942	40,299	55,593	29,904
1977	46,325	278	30,278	26,462	33,999	54,957	41,427
1978	32,111	183	23,169	18,712	38,355	62,269	39,951
1979	39,507	168	25,158	24,033	43,618	70,269	33,137

  

Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Corn pickers (field)	Corn picking units (combine attachments) <sup>2</sup>	Cotton strippers
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1966	43,005	49,212	29,801	46,728	13,232	25,576	1,750
1967	32,467	40,623	34,103	42,003	13,560	22,829	1,138
1968	20,266	33,384	23,646	31,443	13,797	18,616	878
1969	17,002	30,939	21,551	24,015	8,976	16,828	1,846
1970	16,476	30,476	21,190	21,017	6,818	15,855	766
1971	15,863	23,050	18,920	21,229	7,579	20,230	1,483
1972	14,126	27,989	20,248	21,172	7,577	20,642	2,266
1973	19,436	32,656	26,890	25,241	7,937	24,985	2,591
1974	21,010	41,890	25,304	28,644	6,390	29,228	2,612
1975	22,591	49,118	22,792	31,259	4,536	26,741	1,361
1976	21,896	50,151	22,627	31,712	4,404	25,087	1,127
1977	20,328	42,621	18,740	31,943	( <sup>2</sup> )	24,035	1,816
1978	20,602	43,982	16,941	32,020	( <sup>2</sup> )	18,629	1,775
1979	19,121	52,310	17,086	32,400	( <sup>2</sup> )	20,052	1,279

  

Year	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo unloaders <sup>3</sup>	Milking machines <sup>4</sup>	Mower-conditioners (combination)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1966	1,995	1,785	37,410	10,773	24,569	20,804	( <sup>2</sup> )
1967	1,841	1,699	39,072	7,875	21,568	16,503	15,468
1968	1,780	737	35,867	5,818	24,897	13,822	14,532
1969	1,760	1,195	39,653	5,585	18,632	13,904	21,110
1970	1,877	1,118	35,461	5,434	19,185	12,141	24,549
1971	2,291	751	29,394	5,377	19,351	12,175	25,455
1972	2,218	628	28,961	5,091	20,908	14,043	21,204
1973	2,236	746	30,615	8,653	27,424	14,826	29,881
1974	2,131	1,183	38,004	7,386	27,822	16,252	37,258
1975	2,647	1,273	29,977	9,080	20,288	10,976	35,539
1976	1,919	1,328	26,239	4,871	21,556	9,303	32,940
1977	1,790	1,005	24,541	6,508	25,899	10,704	27,517
1978	1,974	758	24,118	10,614	29,040	11,507	29,921
1979	2,105	552	25,358	11,077	29,586	14,274	35,039

<sup>1</sup> Row cultivators, tractor-drawn or mounted; beet or field cultivators not included.<sup>2</sup> Not available.<sup>3</sup> Beginning 1969, horizontal silo unloaders not included.<sup>4</sup> Includes only the number of vacuum-pump units for stationary and portable milking machines.

Agricultural Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 614.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1966–1979**

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	<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>
1966	3,024,463	109,919	158,480	160,987	84,315	480,006	169,061	75,471
1967	3,190,300	111,540	179,625	169,001	89,443	597,531	155,647	97,567
1968	3,062,067	88,872	175,713	146,781	82,372	594,428	136,855	100,415
1969	2,918,300	73,846	158,111	155,005	55,500	523,751	135,753	83,974
1970	2,875,604	76,164	153,354	161,053	62,425	479,118	151,778	85,360
1971	2,996,944	75,974	148,565	156,538	59,629	540,532	147,158	94,219
1972	3,681,826	98,810	188,505	196,517	76,920	643,869	190,239	110,899
1973	4,455,022	130,635	249,018	244,528	104,196	832,482	256,596	171,860
1974	5,959,092	182,301	394,993	354,436	162,786	1,093,207	407,652	254,921
1975	7,046,354	250,134	476,274	480,273	227,440	1,253,430	481,334	262,379
1976	7,525,216	266,660	478,322	516,847	224,013	1,435,307	508,250	233,656
1977	7,986,664	239,151	465,974	550,782	212,634	1,599,772	469,715	308,932
1978	7,829,004	203,617	462,419	522,416	206,125	1,815,631	533,738	356,008
1979	10,217,729	269,616	603,784	675,388	267,696	2,143,938	675,610	390,442

  

Year	Tractors for farm use	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Dairy equipment	Poultry equipment	Hog equipment	Other barn and barnyard equipment
	<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>
1966	1,445,017	67,822	55,260	43,022	30,426	61,419	19,155	65,103
1967	1,437,317	70,794	55,809	41,566	34,170	62,875	19,802	67,613
1968	1,407,706	67,206	53,484	40,097	33,123	47,004	21,023	66,988
1969	1,369,232	73,624	57,074	31,949	39,181	63,937	22,966	74,397
1970	1,322,642	68,609	52,258	34,792	41,555	72,708	30,983	82,705
1971	1,395,359	77,116	54,624	38,803	44,571	57,365	17,738	88,753
1972	1,700,407	103,793	61,049	51,979	60,543	62,859	25,990	109,447
1973	1,830,337	144,848	99,791	69,258	67,157	72,374	37,382	144,560
1974	2,321,899	186,204	139,287	91,952	80,309	76,154	45,480	167,521
1975	2,867,473	178,577	155,752	100,404	68,037	70,023	37,574	137,250
1976	3,044,640	173,130	158,848	87,611	77,087	100,472	59,793	160,580
1977	3,211,575	183,934	161,709	114,691	97,347	127,867	54,481	188,150
1978	3,203,157	247,779	197,931	157,168	108,920	159,452	95,266	251,587
1979	4,086,601	277,227	239,486	174,728	132,865	223,343	117,518	309,000

Agricultural Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 615.—Population: Total and farm, United States, April 1966–80**

Year	Total population <sup>1</sup>	Farm population		Year	Total population <sup>1</sup>	Farm population	
		Number	Percentage of total			Number	Percentage of total
		<i>Thousands</i>	<i>Percent</i>			<i>Thousands</i>	<i>Percent</i>
Previous definition <sup>2</sup>				1976	214,762	8,253	3.8
1966	195,999	11,595	5.9	1977	216,436	7,806	3.6
1967	198,206	10,875	5.5	1978	218,258	8,005	3.7
1968	200,208	10,454	5.3	1979	220,099	7,553	3.4
1969	202,161	10,307	5.1	1980	222,169	7,241	3.3
1970	204,335	9,712	4.8	Current definitions <sup>3</sup>			
1971	206,567	9,425	4.6	1978	218,258	6,501	3.0
1972	208,447	9,610	4.6	1979	220,099	6,241	2.8
1973	210,034	9,472	4.5	1980	222,169	6,051	2.7
1974	211,522	9,264	4.4				
1975	213,056	8,864	4.2				

See footnotes on page 425.

Table 616.—Farm labor: Annual average<sup>1</sup> number of worker's on farms, by States, 1978-80

State	Total workers			Family workers <sup>2</sup>			Hired workers <sup>3</sup>		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
Region I <sup>4</sup>	1,000 persons 78	1,000 persons 73	1,000 persons 78	1,000 persons 43	1,000 persons 39	1,000 persons 40	1,000 persons 35	1,000 persons 34	1,000 persons 38
N.J.	23	20	21	12	10	10	11	10	11
N.Y.	99	99	96	65	64	59	34	35	37
Region II	122	119	117	77	74	69	45	45	48
Del.	5.2	5.0	5.0	2.9	2.8	2.8	2.3	2.2	2.2
Md.	29	33	31	17	21	19	12	12	12
Pa.	119	111	119	89	84	84	30	27	35
Va.	83	71	75	59	49	49	24	22	26
W. Va.	32	24.8	24.5	27	20	21	5.0	4.8	4.4
Region III	268.2	244.8	255.4	194.9	176.8	175.8	73.3	68.0	79.6
Ala.	75	69	71	51	46	47	24	23	24
Fla.	96	97	94	31	29	26	65	68	68
Ga.	81	79	82	47	46	45	34	33	37
Ky.	131	100	103	98	79	77	33	21	26
Miss.	77	62	68	49	36	36	28	26	32
N.C.	145	153	147	85	84	92	60	69	55
S.C.	54	57	54	33	34	28	21	23	26
Tenn.	116	107	101	94	83	76	22	24	25
Region IV	775	724	720	488	437	427	287	287	293
Ill.	158	165	146	123	125	113	35	40	33
Ind.	109	101	99	82	79	72	27	22	27
Mich.	96	94	94	70	66	63	26	28	31
Minn.	195	171	188	158	141	157	37	30	31
Ohio	153	127	120	122	99	90	31	28	30
Wis.	186	186	180	138	132	125	48	54	55
Region V	897	844	827	693	642	620	204	202	207
Ark.	84	72	77	56	49	48	28	23	29
La.	54	53	53	34	34	32	20	19	21
N. Mex.	24	26	20.8	16	16	12	8.0	10	8.8
Okla.	99	80	73	83	62	56	16	18	17
Tex.	237	230	223	155	152	146	82	78	77
Region VI	498	461	441.8	344	313	294	154	148	152.8
Iowa	216	213	192	177	167	154	39	46	38
Kans.	92	95	104	74	73	79	18	22	25
Mo.	157	155	139	130	131	114	27	24	25
Nebr.	110	105	102	88	84	77	22	21	25
Region VII	575	568	537	469	455	424	106	113	113
Colo.	51	43	47	33	29	28	18	14	19
Mont.	32.8	33.5	34	25	24	25	7.8	9.5	9.0
N. Dak.	65.3	63.8	52.3	56	55	43	9.3	8.8	9.3
S. Dak.	63	60	64	53	49	56	10	11	8.0
Utah	24.5	20.3	22	18	15	16	6.5	5.3	6.0
Wyo.	14	14.3	12.4	8.9	8.4	6.6	5.1	5.9	5.8
Region VIII	250.6	234.9	231.7	193.9	180.4	174.6	56.7	54.5	57.1
Ariz.	33	28	28	16	16	14	17	12	14
Calif.	248	273	262	61	63	65	187	210	197
Hawaii	16.7	15.5	15.5	4.7	4.5	4.5	12	11	11
Nev.	5.1	5.0	4.9	2.4	2.5	2.4	2.7	2.5	2.5
Region IX	302.8	321.5	310.4	84.1	86	85.9	218.7	235.5	224.5
Idaho	48	41	43	27	23	23	21	18	20
Oreg.	66	62	60	37	38	34	29	24	26
Wash.	76	81	79	38	37	35	38	44	44
Region X	190	184	182	102	98	92	88	86	90
U.S.	3,956.6	3,774.2	3,705.3	2,688.9	2,501.2	2,402.3	1,267.7	1,273.0	1,303.0

See footnotes on page 425.

**Table 617.—Farm labor: Annual average number of workers on farms and indexes, United States, 1966–80<sup>1</sup>**

Year	Total workers			Family workers <sup>2</sup>			Hired workers <sup>3</sup>		
	Average number of persons	Index 1910-14 = 100 <sup>4</sup>	Index 1967 = 100 <sup>4</sup>	Average number of persons	Index 1910-14 = 100 <sup>4</sup>	Index 1967 = 100 <sup>4</sup>	Average number of persons	Index 1910-14 = 100 <sup>4</sup>	Index 1967-100 <sup>4</sup>
	<i>1,000 persons</i>			<i>1,000 persons</i>			<i>1,000 persons</i>		
1966	5,214	38	106	3,854	38	106	1,360	40	109
1967	4,903	36	100	3,650	36	100	1,253	37	100
1968	4,748.8	35	97	3,535.4	35	97	1,213.4	36	97
1969	4,595.8	34	94	3,419.4	34	94	1,176.4	35	95
1970	4,522.6	33	92	3,348.1	33	92	1,174.5	35	95
1971	4,436.3	33	92	3,275.1	32	89	1,161.2	34	92
1972	4,373.4	32	89	3,227.7	32	89	1,145.7	34	92
1973	4,336.7	32	89	3,169.0	31	86	1,167.7	34	92
1974	4,388.9	32	89	3,074.7	31	86	1,314.2	35	95
1975	4,342.1	32	89	3,025.5	30	83	1,316.6	35	95
1976	4,373.9	32	89	2,997.2	30	83	1,376.7	37	100
1977	4,154.5	30	83	2,858.6	28	78	1,295.9	35	95
1978 <sup>5</sup>	3,956.6	29	81	2,688.9	27	75	1,267.7	34	92
1979	3,774.2	27	75	2,501.2	25	69	1,273.0	34	92
1980	3,705.3	27	75	2,402.3	24	67	1,303.0	35	95

<sup>1</sup>Through 1973 arithmetic means of monthly estimates of persons employed during last full calendar week ending at least one day before the end of the month. Beginning 1974, annual averages are the straight averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October. <sup>2</sup>Includes farm operators doing 1 or more hours of farm work and members of their families 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>The 1910-14 base is the arithmetic mean of the annual average of number of persons employed for these five years. Indexes linked in 1974 and 1978 to accommodate program changes. The indexes for the 1967 base are ratios from the 1910-14 base indexes. <sup>5</sup>Hawaii included in U.S. averages beginning 1978.

Statistical Reporting Service.

**Table 618.—All hired farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1966–79<sup>1</sup>**

Year	All hired farm workers			Workers with 25 days or more of hired farm work during the year				
	Total	Male	Female	Number of hired farm workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1966	2,763	2,051	712	1,634	171	138	1,605	1,188
1967	3,078	2,261	817	1,740	172	142	1,761	1,389
1968	2,919	2,111	808	1,620	162	135	1,793	1,434
1969	2,571	1,907	665	1,466	163	131	1,886	1,406
1970	2,488	1,889	599	1,394	170	137	2,044	1,519
1971	2,550	1,944	606	1,359	168	135	2,150	1,576
1972	2,809	2,169	641	1,679	176	141	2,491	1,877
1973	2,671	2,115	555	1,585	188	151	2,942	2,303
1974	2,737	2,165	572	1,568	178	145	3,051	2,433
1975	2,638	2,036	602	1,458	179	146	3,274	2,584
1976	2,767	2,086	681	1,622	174	139	3,516	2,714
1977	2,730	2,092	638	1,675	182	146	3,973	3,018
1978 <sup>2</sup>								
1979	2,652	2,075	576	1,753	190	150	4,883	3,605

<sup>1</sup>Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 617 which gives an annual average of quarterly estimates of jobs on farms.

<sup>2</sup>Survey data not collected in 1978.

Economic Research Service. Based on data from an enumerative sample survey made by the U.S. Department of Commerce for the Economic Research Service.

**Table 619.—Migratory farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1966–79<sup>1</sup>**

Year	All migratory farm workers			Migratory workers with 25 days or more of hired farm work				
	Total	Male	Female	Number of workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1966	351	249	104	275	160	121	1,779	1,307
1967	276	204	71	194	145	117	1,555	1,266
1968	279	205	74	176	148	120	1,711	1,385
1969	257	201	55	172	152	113	1,937	1,293
1970	196	161	35	135	148	123	2,007	1,697
1971	172	142	30	117	142	111	1,830	1,407
1972	184	133	51	138	158	124	2,434	1,814
1973	203	170	34	146	177	138	2,873	2,276
1974	209	179	30	141	149	111	3,102	2,423
1975	188	143	45	143	170	122	3,522	2,586
1976	213	153	60	147	166	114	3,709	2,551
1977	191	152	38	152	165	120	3,839	2,791
1978 <sup>2</sup>	.....	.....	.....	.....	.....	.....	.....	.....
1979	217	165	52	161	180	115	5,004	2,996

<sup>1</sup>Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did migratory farm work at some time during the year. Migratory workers are those who leave their homes temporarily overnight to do farm work in another county or State. Does not include foreign nationals brought into the United States to do farm work who have left the country before the time of the survey. <sup>2</sup>Survey data not collected in 1978.

Economic Research Service. Based on data from an enumerative sample survey made by the U.S. Department of Commerce for the Economic Research Service.

**Table 620.—Workers who did only hired farm work: Number of workers, average days worked and earnings received, United States, selected years 1966–79<sup>1</sup>**

Year	Workers who did 25 days or more of hired farm work			Year	Workers who did 25 days or more of hired farm work		
	Total	Average days worked	Average earnings received during year		Total	Average days worked	Average earnings received during year
	<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>
1966	1,067	159	1,374	1973	1,072	175	2,645
1967	1,213	204	1,992	1974	1,073	166	2,814
1968	1,105	154	1,659	1975	972	177	3,082
1969	989	149	1,629	1976	1,068	160	3,176
1970	925	157	1,685	1977	1,133	170	3,592
1971	929	156	1,843	1978 <sup>2</sup>	.....	.....	.....
1972	1,109	161	2,182	1979	1,168	169	4,126

<sup>1</sup>Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 617 which gives an annual average of quarterly estimates of jobs on farms. <sup>2</sup>Survey data not collected in 1978.

Economic Research Service. Based on data from an enumerative sample survey made by the U.S. Department of Commerce for the Economic Research Service.

**Table 621.—Farm wages: Annual average hourly rates<sup>1</sup> by method of pay and wage index, United States, 1974–80**

Year	All hired farm workers	Method of pay					All hired farm workers wage index (1967 = 100)
		By piece rate	By other than piece rate	By hour only	By cash wages only <sup>2</sup>	By hour receiving cash wages only <sup>3</sup>	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
1974 .....	2.25	2.58	2.21	2.23	2.43	2.32	173
1975 .....	2.43	2.96	2.38	2.39	2.60	2.45	187
1976 .....	2.66	3.14	2.61	2.60	2.81	2.65	205
1977 .....	2.87	3.48	2.82	2.84	3.06	2.90	221
1978 <sup>4</sup> .....	3.09	3.76	3.04	3.08	3.22	3.10	236
1979 .....	3.39	4.08	3.34	3.38	3.58	3.41	259
1980 .....	3.66	4.61	3.59	3.63	3.82	3.67	280

<sup>1</sup> Annual averages are derived by weighting quarterly wage rates by number of hours worked. Perquisites such as room and board, housing, etc., are provided some workers in addition to wage rates shown.

<sup>2</sup> Includes all workers not receiving perquisites.

<sup>3</sup> Includes all hourly workers not receiving perquisites.

<sup>4</sup> Includes Hawaii. Previous years are for 48 States.

Statistical Reporting Service.

**Table 622.—Farm wages: Annual average hourly rates<sup>1</sup> by type of work, United States, 1974–80**

Year	Type of work performed					
	Field workers	Livestock workers	Packing house workers <sup>2</sup>	Machine operators	Supervisors	Other agricultural workers
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1974 .....	( <sup>3</sup> )	( <sup>3</sup> )	2.41	2.25	3.77	2.40
1975 .....	( <sup>3</sup> )	( <sup>3</sup> )	2.52	2.50	4.00	2.76
1976 .....	( <sup>3</sup> )	( <sup>3</sup> )	2.80	2.72	4.39	3.11
1977 .....	( <sup>3</sup> )	( <sup>3</sup> )	2.97	2.92	4.63	3.37
1978 .....	2.93	2.69	3.18	3.13	4.95	3.60
1979 .....	3.26	2.96	3.39	3.44	5.22	3.82
1980 .....	3.57	3.25	3.63	3.70	5.59	4.06

<sup>1</sup> Rates are annual averages of quarterly wage rates weighted by number of hours worked. Perquisites such as room and board, housing, etc., are provided some workers in addition to wage rates shown.

<sup>2</sup> Packinghouse operations performed on farms.

<sup>3</sup> Annual averages for field workers and livestock workers not available prior to 1978.

Statistical Reporting Service.

FOOTNOTES FOR TABLE 623

<sup>1</sup> Annual averages are derived by weighting quarterly wage rates by number of hours worked. Perquisites such as room and board, housing, etc., are provided some workers in addition to wage rates shown.

<sup>2</sup> Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

Table 623.—Farm wage rates: Annual average hourly rates,<sup>1</sup> by States, standard Federal regions, and United States, 1979-80

State and region	Field workers		Livestock workers		Workers paid by hour receiving cash wages only		All hired farm workers	
	1979	1980	1979	1980	1979	1980	1979	1980
Region I <sup>2</sup> . . . . .	Dollars 2.95	Dollars 2.97	Dollars 2.62	Dollars 2.66	Dollars 3.19	Dollars 3.45	Dollars 3.15	Dollars 3.13
N.J. . . . .	3.26	3.42	3.04	3.43	3.29	3.63	3.40	3.66
N.Y. . . . .	2.86	2.99	2.45	2.79	3.14	3.14	2.86	3.08
Region II . . . . .	2.98	3.09	2.51	2.88	3.18	3.26	2.98	3.20
Del. . . . .	3.19	3.51	3.05	3.26	3.07	3.39	3.37	3.56
Md. . . . .	2.76	3.50	2.82	3.11	3.11	3.46	3.11	3.48
Pa. . . . .	2.98	3.26	2.72	3.09	3.27	3.50	3.07	3.44
Va. . . . .	2.99	3.23	2.84	3.10	3.10	3.28	3.20	3.30
W. Va. . . . .	2.35	2.67	2.42	2.54	2.91	3.14	2.58	2.85
Region III . . . . .	2.91	3.25	2.78	3.08	3.17	3.41	3.10	3.37
Ala. . . . .	2.86	3.11	2.95	3.09	3.10	3.44	3.07	3.42
Fla. . . . .	3.51	4.03	3.33	3.79	3.47	3.69	3.80	4.19
Ga. . . . .	2.64	2.81	2.81	3.06	2.90	3.21	2.87	3.12
Ky. . . . .	2.64	2.99	3.00	3.09	2.84	3.11	3.06	3.19
Miss. . . . .	2.85	3.14	2.82	3.13	3.19	3.23	3.19	3.35
N.C. . . . .	2.73	2.92	3.09	3.39	2.88	3.26	2.94	3.13
S.C. . . . .	2.73	2.91	2.80	3.02	2.92	3.19	2.87	3.10
Tenn. . . . .	2.77	3.15	2.87	3.11	2.95	3.30	2.85	3.24
Region IV . . . . .	2.95	3.30	3.00	3.27	3.15	3.39	3.18	3.46
Ill. . . . .	3.05	3.74	3.17	3.40	3.47	3.83	3.40	3.77
Ind. . . . .	2.96	3.17	3.03	3.42	3.45	3.50	3.31	3.56
Mich. . . . .	3.51	3.72	3.15	3.45	3.38	3.73	3.49	3.82
Minn. . . . .	3.15	3.38	2.75	2.97	3.73	4.01	3.31	3.48
Ohio . . . . .	3.37	3.57	3.24	3.42	3.27	3.80	3.51	3.66
Wis. . . . .	2.72	2.75	2.55	2.63	3.46	3.47	2.77	2.89
Region V . . . . .	3.09	3.44	2.84	3.00	3.47	3.70	3.21	3.45
Ark. . . . .	2.80	3.25	2.91	3.38	3.07	3.29	3.12	3.45
La. . . . .	2.91	3.18	3.24	3.50	3.12	3.42	3.21	3.45
N. Mex. . . . .	2.65	2.95	2.77	2.73	3.02	3.10	2.86	3.11
Okla. . . . .	3.14	3.63	2.92	3.48	3.42	3.62	3.26	3.69
Tex. . . . .	2.75	3.09	2.85	3.18	3.03	3.25	3.06	3.28
Region VI . . . . .	2.80	3.17	2.88	3.23	3.09	3.31	3.09	3.37
Iowa . . . . .	3.15	3.42	3.10	3.43	3.24	3.55	3.28	3.62
Kans. . . . .	3.57	3.56	3.34	3.53	3.63	3.85	3.61	3.76
Mo. . . . .	2.84	3.51	2.98	3.22	3.06	3.76	3.08	3.57
Nebr. . . . .	3.04	3.31	3.08	3.45	3.30	3.54	3.29	3.50
Region VII . . . . .	3.15	3.45	3.11	3.43	3.27	3.68	3.33	3.62
Colo. . . . .	2.99	3.11	3.01	3.11	3.21	3.48	3.32	3.46
Mont. . . . .	2.58	2.88	2.46	3.00	3.24	3.78	2.74	3.03
N. Dak. . . . .	3.12	3.94	3.12	3.20	4.00	4.18	3.45	3.87
S. Dak. . . . .	2.77	2.72	2.48	3.02	3.01	3.81	2.78	3.02
Utah . . . . .	3.45	4.11	2.90	3.50	3.62	4.03	3.32	3.92
Wyo. . . . .	2.56	2.85	2.62	2.99	3.79	3.80	2.96	3.12
Region VIII . . . . .	2.92	3.36	2.70	3.10	3.47	3.80	3.08	3.41
Ariz. . . . .	3.22	3.33	3.05	3.11	3.39	3.52	3.42	3.61
Calif. . . . .	3.80	4.26	3.80	4.28	3.70	4.08	4.09	4.51
Hawaii . . . . .	4.37	4.80	4.29	4.88	4.06	5.11	5.03	5.58
Nev. . . . .	2.52	3.05	2.55	2.94	3.58	4.03	2.72	3.16
Region IX . . . . .	3.79	4.21	3.68	4.14	3.70	4.06	4.07	4.47
Idaho . . . . .	3.32	3.41	2.85	3.30	3.51	3.70	3.45	3.66
Oreg. . . . .	3.07	3.44	2.84	3.24	3.43	3.97	3.33	3.69
Wash. . . . .	3.94	4.14	3.94	4.22	3.83	4.13	4.06	4.30
Region X . . . . .	3.61	3.81	3.21	3.61	3.48	4.01	3.72	3.98
U.S. . . . .	3.26	3.57	2.96	3.25	3.41	3.67	3.39	3.66

See footnotes on page 431.



Table 624.—Crops: Area, yield, production, and value, United States, 1978-80<sup>1</sup>

Crop	Area harvested			Yield per harvested acre				Production			Value of production		
	1978	1979	1980 <sup>2</sup>	Unit	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	1,000	1,000	1,000								1,000	1,000	1,000
	acres	acres	acres					Thousands	Thousands	Thousands	dollars	dollars	dollars
Corn for grain	71,930	72,400	70,061	Bushel	101.0	109.7	91.0	7,267,927	7,938,819	6,647,534	16,280,688	19,904,013	21,687,300
Corn for storage	433	388	586	..do	..	..	..	..	..	..	..	..	..
Corn for silage	8,624	7,995	9,261	Ton	13.7	14.4	12.0	118,132	114,860	111,093	..	..	..
Wheat, all	<sup>3</sup> 56,495	<sup>3</sup> 62,454	<sup>3</sup> 70,853	Bushel	31.4	34.2	33.4	1,775,524	2,134,060	2,369,666	5,280,634	8,070,378	9,396,732
Winter	<sup>4</sup> 38,491	<sup>4</sup> 43,427	<sup>4</sup> 51,374	..do	31.8	36.9	36.8	1,222,446	1,601,234	1,891,251	3,677,175	6,075,553	7,329,103
Durum	4,024	3,932	4,840	..do	33.1	27.1	22.4	133,328	106,654	108,395	390,608	463,847	568,374
Other spring	13,980	15,095	14,639	..do	30.0	28.2	25.3	419,750	426,172	370,020	1,212,851	1,530,978	1,499,255
Oats	<sup>3</sup> 11,126	<sup>3</sup> 9,679	<sup>3</sup> 8,640	..do	52.3	54.4	53.0	581,657	526,551	457,593	688,625	713,593	822,702
Barley	<sup>3</sup> 9,248	<sup>3</sup> 7,522	<sup>3</sup> 7,233	..do	49.2	50.9	49.6	454,759	382,798	358,544	871,007	871,607	1,034,976
Rye	496	469	464	..do	26.0	25.8	24.5	24,065	22,389	16,265	48,520	47,020	42,533
Flaxseed	687	878	703	..do	12.5	13.7	11.6	8,614	12,014	8,128	49,435	71,627	59,054
Rice	2,970.0	2,869.0	3,295.0	Cwt	<sup>5</sup> 4,484	<sup>5</sup> 4,599	<sup>5</sup> 4,403	133,170	131,947	145,063	1,087,000	1,383,993	1,740,756
Popcorn	141.1	179.3	220.1	Pound	2,828	2,993	2,472	399,010	536,560	544,100	33,668	49,197	57,152
Sorghum for grain	13,410	12,901	12,722	Bushel	54.5	62.7	46.2	731,270	808,862	587,997	1,464,187	1,879,823	1,774,049
Sorghum for silage	1,449	1,211	1,425	Ton	..	..	..	..	..	..	..	..	..
Sorghum for storage	724	764	744	Ton	10.9	11.8	9.6	7,920	9,015	7,107	..	..	..
Cotton lint	12,400.0	12,830.9	13,214.8	Bale	420	547	404	10,855.8	14,629.3	11,122.1	3,044,991	4,450,268	4,078,309
Cottonseed	..	..	..	Ton	..	..	..	4,269.2	5,778.3	4,470.5	485,613	697,617	576,926
Hay, all	62,113	61,666	59,437	Ton	2.32	2.40	2.21	143,817	147,847	131,070	6,663,678	7,362,597	8,166,220
Beans, dry edible	1,454.4	1,383.7	1,836.0	Cwt <sup>6</sup>	<sup>5</sup> 1,302	<sup>5</sup> 1,480	<sup>5</sup> 1,422	18,935	20,476	26,100	3,042,512	4,653,973	6,879,390
Peas, dry edible	202.0	136.0	135.0	Cwt <sup>6</sup>	<sup>5</sup> 1,783	<sup>5</sup> 1,499	<sup>5</sup> 2,433	3,601	2,039	3,285	28,958	21,276	30,667
Soybeans for beans	63,663	70,566	67,856	Bushel	29.4	32.1	26.8	1,868,754	2,267,901	1,817,097	12,449,679	14,250,214	13,824,943
Peanuts for nuts	1,509.1	1,519.7	1,398.8	Pound	2,619	2,611	1,650	3,952,384	3,968,485	2,307,847	833,885	819,276	554,080
Potatoes	1,374.5	1,270.3	1,155.3	Cwt	267	270	261	366,314	342,497	301,006	1,224,478	1,172,123	1,720,381
Sunflowers	2,798	5,410	3,748	Cwt	1,365	1,349	1,015	3,817,920	7,296,110	3,804,090	409,923	659,962	410,377
Sweetpotatoes	112.2	114.2	103.1	Pound	117	117	106	13,115	13,370	10,948	139,226	119,093	131,140
Taro	..	..	..	Pound	17,100	16,600	20,000	7,680	6,640	6,400	1,029	1,089	1,274
Tobacco	963,730	827,200	914,620	Pound	2,101	1,845	1,945	2,024,820	1,526,549	1,778,997	2,679,967	2,153,958	2,709,133
Sugarcane for sugar and seed	743.7	732.7	735.6	Ton	35.0	36.2	38.4	25,997	26,532	28,235	750,069	690,544	n.a.
Sugarbeets	1,269.2	1,119.7	1,187.2	Ton	20.3	19.6	19.6	25,788	21,996	23,275	649,846	745,273	n.a.
Maple sirup	..	..	..	Gallon	..	..	..	*1,154	*1,219	*973	14,597	17,397	15,204
Hops	30.9	31.8	37.1	Pound	1,782	1,727	2,037	55,071	54,929	75,560	49,599	53,614	114,194
Seed crops:													
Alfalfa	527.0	497.0	429.0	Pound	174	202	238	91,725	100,235	102,140	106,084	113,115	114,652
Red clover	290.5	240.1	224.7	..do	113	112	112	32,827	26,793	25,230	16,461	16,176	16,176
Kentucky Bluegrass, All	79.0	89.9	98.2	..do	569	407	509	44,966	36,570	50,031	29,391	29,094	29,149
Public and Common	44.3	49.5	51.0	..do	658	436	604	29,157	21,583	30,805	18,618	16,667	15,890
Proprietary	23.2	24.4	34.2	..do	556	404	549	12,904	9,867	18,771	8,870	8,331	12,966
Ladino clover	13.7	12.5	8.4	..do	260	275	345	3,562	3,438	2,898	4,916	4,985	3,941
Lespedeza	50.7	57.1	33.9	..do	225	220	158	11,410	12,562	5,373	5,052	4,307	2,628
Timothy	78.5	76.5	62.0	..do	211	245	131	16,540	18,715	8,115	7,116	6,415	4,049
Orchardgrass	21.8	22.5	27.7	..do	588	665	606	12,808	14,965	16,785	5,193	6,658	7,563
Tall fescue (Ky. 31 Alta)	559.5	354.0	312.0	..do	302	283	252	169,055	100,165	78,630	20,517	21,776	18,374

CROP AREA, YIELD, PRODUCTION, AND VALUE

See footnotes at end of table.

Table 624.—Crops: Area, yield, production, and value, United States, 1978–80<sup>1</sup>—Continued

Crop	Area harvested			Yield per harvested acre				Production			Value of production		
	1978	1979	1980 <sup>2</sup>	Unit	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
Seed crops—Continued	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>					<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Chewings fescue	12.0	13.5	16.0	Pound	450	630	670	5,400	8,505	10,720	3,186	6,124	7,075
Red fescue	12.5	10.0	10.0	do	520	520	600	6,500	5,200	6,000	3,705	3,848	4,200
Bentgrass	18.0	18.0	18.0	do	230	250	340	4,140	4,500	6,120	5,175	8,550	6,854
Crimson clover	10.5	10.0	9.0	do	300	460	325	3,150	4,600	2,925	1,544	2,300	1,433
Hairy vetch	8.0	10.0	8.0	do	450	500	310	3,600	5,000	2,480	1,152	1,900	868
All ryegrass	202.0	187.0	190.0	do	1,312	1,318	1,456	265,100	246,400	276,700	36,860	40,893	47,810
Apples, commercial crop				do				7,544,000	8,118,200	8,810,400	781,350	883,384	757,027
Peaches				do				2,515,700	2,846,700	2,959,100	301,143	331,282	368,004
Pears				Ton					854		158,724	174,295	174,876
Grapes				Ton				4,567	4,989	5,595	1,005,794	1,180,228	1,336,521
Cherries				Ton				247	267		187,162	189,717	135,460
Apricots				Ton				126	144	119	31,364	39,341	33,705
Plums (California)				Ton				154	175	160	56,980	48,475	71,840
Prunes, dried (California)				Ton				132	136	163	91,872	110,432	112,470
Prunes and plums, fresh basis (excluding California)				Ton				69	62	77	10,797	12,934	13,777
Figs <sup>9</sup>				Ton				32	39	46	10,049	15,759	13,844
Nectarines				Ton				148	172	195	45,436	33,884	44,468
Olives				Ton				126	62	111	38,178	25,296	38,406
Dates				Ton				22	21	22	10,452	10,948	14,202
Avocados <sup>10</sup>				Ton				146	102	281	94,233	128,498	121,293
Bananas	6	6	6	Pound	9,800	8,800	7,900	5,700	5,550	4,600	1,055	1,138	1,099
Bushberries <sup>11</sup>	46.6	46.7	48.4	do	2,857	2,910	3,327	133,085	135,947	161,040	83,222	74,488	62,263
Papayas	2.2	2.2	2.0	do	29,200	18,600	25,100	64,000	41,015	48,916	8,320	9,515	9,979
Pineapples	43.0	44.0	43.0	Ton	n.a.	n.a.	n.a.	675,000	681,000	657,000	63,113	69,462	76,869
Pomegranates				Ton				10	9	12	2,214	2,786	3,516
Cranberries	23.1	23.2	23.2	Barrel	106.3	106.7	116.3	2,459	2,476	2,698	52,903	66,039	88,674
Strawberries	37.6	36.3	35.7	Cwt	175	176	197	6,592	6,383	7,017	209,257	246,850	288,776
Oranges <sup>12</sup>				Box				220,120	210,600	273,830	1,198,657	1,296,044	1,304,177
Grapefruit <sup>12</sup>				Box				74,660	67,380	73,200	189,692	231,616	300,175
Lemons <sup>12</sup>				Box				26,100	19,600	20,750	110,635	134,573	161,319
Limes <sup>12</sup>				Box				460	720	1,100	8,791	11,635	13,805
Tangerines				Box				5,200	5,400	6,300	35,560	43,560	37,559
Tangelos				Box				4,900	4,200	6,400	23,128	23,310	26,816
Temples				Box				4,900	4,700	6,000	26,215	30,503	25,020
Pecans <sup>13</sup>				Pound				249,900	210,600	183,500	151,250	116,663	143,269
Walnuts <sup>13</sup>				Ton				160,000	208,000	197,000	208,320	176,176	182,422
Almonds				Pound				181,000	376,000	322,000	262,450	575,280	473,340
Filberts				Ton				14	13	15	11,321	12,369	17,734
Macadamia nuts				Pound				20,980	26,660	33,390	11,287	16,769	24,174
Coffee	1.9	1.8	1.7	do	880	1,220	885	1,680	2,190	1,450	2,117	3,132	2,175

Commercial vegetables:															
Artichokes	9.9	9.7	9.9	Cwt	53	90	80	525	873	792	14,201	24,220	27,473		
Asparagus <sup>14</sup>	83.8	80.7	83.0	Cwt	22	24	20	1,861	1,911	1,671	81,256	98,366	82,118		
Beans, green lima <sup>15</sup>	68.1	65.4	50.8	Ton	1.21	1.36	1.21	82.7	89.2	61.3	29,704	32,831	25,137		
Beans, snap <sup>14</sup>	366.6	370.9	350.9	Ton	2.35	2.47	2.44	862.7	915.5	855.3	180,584	197,363	192,204		
Beets <sup>16</sup>	17.3	17.4	13.3	Ton	12.79	14.32	15.40	221.6	249.7	205.4	8,793	10,536	9,659		
Broccoli	68.3	70.9	77.9	Cwt	79	89	87	5,399	6,301	6,753	97,619	120,913	144,613		
Brussels sprouts	5.9	5.5	5.4	Cwt	150	140	135	885	770	729	18,968	15,928	15,706		
Cabbage <sup>14</sup>	97.0	92.6	93.9	Cwt	208	209	201	20,134	19,369	18,849	175,342	161,053	158,209		
Cantaloups	99.8	91.4	86.4	Cwt	133	134	138	13,318	12,211	11,890	128,387	137,705	161,133		
Carrots	76.8	78.1	72.4	Cwt	258	269	270	19,824	21,004	19,520	133,603	144,937	161,432		
Cauliflower	41.5	42.8	43.3	Cwt	92	96	98	3,808	4,117	4,225	69,154	81,121	95,762		
Celery	36.8	35.7	37.3	Cwt	467	493	501	17,201	17,603	18,655	204,941	161,042	169,896		
Corn, sweet <sup>14</sup>	610.7	596.0	552.7	Ton	5.14	5.30	5.13	3,137.8	3,160.4	2,836.6	245,684	264,126	263,603		
Cucumbers <sup>14</sup>	187.9	182.4	170.4	Ton	5.22	5.29	5.37	982.0	965.0	914.5	160,691	184,374	183,533		
Eggplant	3.6	3.7	3.9	Cwt	188	181	184	669	671	719	8,482	9,870	10,411		
Escarole	7.5	8.1	7.8	Cwt	140	134	128	1,047	1,087	1,003	21,757	20,048	16,227		
Garlic	13.0	14.2	15.2	Cwt	120	130	130	1,560	1,846	1,976	24,723	27,974	33,816		
Honeydew melons	18.5	20.5	17.7	Cwt	184	170	180	3,413	3,477	3,180	32,846	37,761	42,864		
Lettuce	239.1	246.0	242.6	Cwt	252	249	261	60,275	61,310	63,214	596,908	566,073	565,227		
Onions	121.9	123.9	113.0	Cwt	297	312	296	36,174	38,602	33,476	251,495	237,432	346,539		
Peas, green <sup>15</sup>	355.5	392.3	321.7	Ton	1.49	1.58	1.52	461.1	613.4	480.8	94,853	129,090	100,723		
Peppers, green	55.2	61.3	55.2	Cwt	94	95	99	5,201	5,819	5,494	100,899	115,696	123,732		
Spinach <sup>14</sup>	32.4	35.9	37.5	Ton	5.61	5.78	5.98	181.7	207.6	224.2	30,263	38,680	44,617		
Tomatoes <sup>14</sup>	425.8	437.5	389.5	Ton	17.58	19.42	19.21	7,488.1	8,496.0	7,481.3	849,329	1,020,958	907,198		
Watermelons	212.4	205.3	184.5	Cwt	119	117	123	25,270	24,076	22,716	100,816	109,541	149,757		
Peppermint	100.0	90.9	81.7	Pound	56	52	56	5,557	4,713	4,603	59,081	46,724	46,332		
Spearmint	46.1	33.1	31.2	do	70	58	68	3,244	1,921	2,130	24,200	16,757	21,023		

<sup>1</sup> Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops.  
<sup>2</sup> Preliminary.  
<sup>3</sup> Includes area seeded in preceding fall.  
<sup>4</sup> Area seeded in preceding fall.  
<sup>5</sup> Yield in pounds.  
<sup>6</sup> Clean basis.  
<sup>7</sup> Does not include Hawaii.  
<sup>8</sup> Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.  
<sup>9</sup> Fresh basis.

<sup>10</sup> Year of bloom.  
<sup>11</sup> Maine, Michigan, New Jersey, North Carolina and Oregon added to the bushberry program beginning in 1978.  
<sup>12</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is included with other crops on a harvested basis.  
<sup>13</sup> Oregon and California for 1977; California only for 1978 and 1979.  
<sup>14</sup> For breakdown between fresh market and processing, see individual crop tables.  
<sup>15</sup> Processing only.  
n.a. not available.  
Statistical Reporting Service.

Table 625.—Crops: Area, United States, 1966–80

Year	Principal crops				Field seeds, harvested area <sup>5</sup>	Commercial vegetables, harvested area <sup>6</sup>	Fruits and planted nuts, bearing area <sup>7</sup>
	Harvested area			Planted area total <sup>4</sup>			
	Feed grains <sup>1</sup>	Food grains <sup>2</sup>	Total <sup>3</sup>				
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	
1966	97,942	52,856	283,511	293,062	2,414.0	3,417.3	2,870.1
1967	101,022	61,386	295,447	305,781	1,871.7	3,567.5	2,928.6
1968	97,310	58,114	289,668	299,384	1,861.2	3,637.1	2,983.8
1969	95,539	50,565	280,586	291,153	1,845.1	3,329.4	3,060.1
1970	99,232	46,806	283,096	293,211	2,085.9	3,204.8	3,103.4
1971	106,074	51,254	295,056	305,830	1,800.6	3,168.4	3,164.7
1972	93,780	50,171	282,976	294,609	1,508.4	3,232.6	3,139.5
1973	101,908	57,273	310,241	318,682	1,770.1	3,363.6	3,183.5
1974	99,752	68,683	316,342	326,495	1,714.0	3,333.4	3,246.9
1975	104,683	73,045	324,453	332,661	1,589.3	3,416.6	3,412.4
1976	106,245	74,126	325,657	336,436	1,539.2	3,202.0	3,373.6
1977	108,624	69,612	333,604	345,207	1,576.7	3,217.0	3,433.3
1978	104,509	60,391	326,766	336,787	1,883.7	3,255.3	3,532.0
1979	102,502	66,192	337,686	346,756	1,598.1	3,288.1	3,541.4
1980	101,656	74,812	340,905	356,881	1,446.9	3,036.2	3,567.6

<sup>1</sup> Corn for grain, oats, barley, and sorghum for grain.<sup>2</sup> Wheat, rye, and rice.<sup>3</sup> Crop area included is for corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, sunflowers (beginning 1975), popcorn, cotton, all hay, dry edible beans, dry edible peas, potatoes, sweetpotatoes, tobacco, sugarcane, and sugarbeets.<sup>4</sup> Crop area included is as follows: Planted acres for corn, sorghum, oats, barley, durum and other spring wheat, rice soybeans, flaxseed, peanuts, sunflower (beginning 1975), popcorn, cotton, dry edible beans, dry edible peas, potatoes, sweetpotatoes, and sugarbeets; harvested acres for winter wheat, rye, all hay, tobacco and sugarcane.<sup>5</sup> Includes alfalfa, red clover, ladino clover, lespedeza, timothy, orchardgrass, Ky. bluegrass, chewings fescue, red fescue, tall fescue, bentgrass, crimson clover, hairy vetch, and all ryegrass.<sup>6</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>7</sup> Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, grapefruit, lemons, limes and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, nectarines, figs, olives, avocados, dates, persimmons (prior to 1978) and pomegranates; nuts—walnuts, almonds, filberts and pistachios (beginning 1977).

Statistical Reporting Service.

Table 626.—Harvested crops: Area required for specified purposes, United States, 1966–80

Year	Crops harvested <sup>1</sup>	Area used for producing—				Total population July 1 <sup>3</sup>	Year	Crops harvested <sup>1</sup>	Area used for producing—				Total population July 1 <sup>3</sup>		
		Export products <sup>2</sup>	Products for domestic use		Acres				Millions	Export products <sup>2</sup>	Products for domestic use			Acres	Millions
			Total	Per capita							Total	Per capita			
	Million acres	Million acres	Million acres	Acres	Millions		Million acres	Million acres	Million acres	Acres	Millions				
1966	294	69	225	1.14	197	1974	328	99	229	1.07	214				
1967	306	69	237	1.19	199	1975	336	100	236	1.09	216				
1968	300	54	246	1.22	201	1976	337	97	240	1.10	218				
1969	290	61	229	1.13	203	1977	344	112	232	1.05	220				
1970	293	72	221	1.08	205	1978	337	114	223	1.00	223				
1971	305	62	243	1.17	208	1979	349	125	224	1.00	225				
1972	294	91	203	.97	210	1980 <sup>4</sup>	353	138	215	.94	228				
1973	321	96	225	1.06	212										

<sup>1</sup> Area in principal crops harvested as reported by The Crop Reporting Board, SRS, plus area in vegetables, fruits, tree nuts, and farm gardens.<sup>2</sup> Area for exports relate to exports for year beginning July 1. Area includes seeds for crops and feed for livestock that are exported.<sup>3</sup> Includes persons in our military forces in this country and abroad.<sup>4</sup> Preliminary.

Economic Research Service.

**Table 627.—Livestock and livestock products: Production and value, United States, 1978–80**

Product	Production <sup>1</sup>			Value of production		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <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 . . . . .	39,971,171	38,419,977	40,275,789	19,553,169	25,993,723	25,453,709
Sheep and lambs . . . . .	686,869	709,027	744,553	381,621	410,053	401,761
Hogs . . . . .	19,466,200	22,595,365	23,425,597	9,065,998	9,415,569	8,873,816
Chickens <sup>3</sup> . . . . .	15,140,844	16,721,334	16,745,666	3,822,011	4,205,506	4,435,220
Turkeys <sup>4</sup> . . . . .	2,653,397	2,958,021	3,031,574	1,156,556	1,225,766	1,253,011
Milk . . . . .	121,461,000	123,411,000	128,425,000	12,956,601	14,949,279	16,883,401
Wool (shorn) . . . . .	102,942	104,860	105,452	76,690	90,531	92,862
Mohair <sup>5</sup> . . . . .	8,100	9,300	8,800	37,179	47,430	30,800
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>			
Eggs . . . . .	67,140,000	69,209,000	69,683,000	2,919,713	3,359,874	3,267,781

<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.

<sup>2</sup>Preliminary.

<sup>3</sup>Including commercial broiler production.

<sup>4</sup>Turkey production and value estimates do not include an adjustment for changes in inventory.

<sup>5</sup>Texas only.

Statistical Reporting Service.

**Table 628.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1966–80**

[1967 = 100]

Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>
1966 . . . . .	97	1971 . . . . .	110	1976 . . . . .	115
1967 . . . . .	100	1972 . . . . .	110	1977 . . . . .	114
1968 . . . . .	102	1973 . . . . .	111	1978 . . . . .	116
1969 . . . . .	103	1974 . . . . .	105	1979 <sup>2</sup> . . . . .	119
1970 . . . . .	102	1975 . . . . .	115	1980 <sup>3</sup> . . . . .	115

<sup>1</sup>Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 631 by the index of total input in table 629.

<sup>2</sup>Preliminary.

<sup>3</sup>Estimated.

Economic Research Service.

#### FOOTNOTES FOR TABLE 632

<sup>1</sup>Cropland used for crops is the sum of the area of land from which one or more crops were harvested plus area of crop failure and summer fallow. For States included in regions, see footnote 1, table 671.

<sup>2</sup>Preliminary.

Economic Research Service.

**Table 629.—Total farm input: Index numbers of farm input by major subgroups, United States, 1966–80**  
[1967 = 100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Agricultural chemicals <sup>1</sup>	Feed, seed, and livestock purchases <sup>2</sup>	Taxes and interest	Miscellaneous
1966	98	103	99	96	85	97	100	104
1967	100	100	100	100	100	100	100	100
1968	100	97	99	101	105	97	100	106
1969	99	93	98	101	111	101	100	105
1970	100	89	101	100	115	104	100	109
1971	100	86	99	102	124	111	99	108
1972	100	82	98	101	131	113	100	115
1973	101	80	97	105	136	116	100	111
1974	100	78	95	109	140	107	101	110
1975	100	76	96	113	127	101	101	104
1976	103	73	97	116	145	110	101	113
1977	105	71	99	120	154	112	100	128
1978	105	67	97	126	161	115	93	135
1979 <sup>3</sup>	108	66	96	130	184	120	92	145
1980 <sup>4</sup>	106	65	96	128	174	119	96	117

<sup>1</sup> Includes fertilizer, lime, and pesticides.<sup>2</sup> Nonfarm portion of feed, seed, and livestock purchases.<sup>3</sup> Preliminary. <sup>4</sup> Estimated.

Economic Research Service.

**Table 630.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1966–80**  
[1967 = 100]

Year	Farm output	Livestock and products <sup>1</sup>				Crops									
		All livestock and products <sup>2</sup>	Meat animals <sup>3</sup>	Dairy products <sup>4</sup>	Poultry and eggs <sup>5</sup>	All crops <sup>6</sup>	Feed grains <sup>7</sup>	Hay and forage <sup>8</sup>	Food grains <sup>9</sup>	Vegetables <sup>10</sup>	Fruits and nuts <sup>11</sup>	Sugar crops <sup>12</sup>	Cotton	Tobacco	Oil crops <sup>13</sup>
1966	95	97	96	101	96	95	89	97	88	97	98	100	130	96	97
1967	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968	102	100	101	99	98	103	95	99	106	104	98	113	148	87	114
1969	102	101	102	98	100	104	99	100	98	101	116	115	137	91	116
1970	101	105	108	99	105	100	89	100	91	98	110	114	139	97	117
1971	110	106	109	101	106	112	116	105	107	98	118	116	145	86	121
1972	110	107	109	102	109	113	112	104	102	99	106	127	187	88	131
1973	112	105	108	98	106	119	115	109	114	100	126	112	175	88	155
1974	106	106	110	99	106	110	93	104	120	102	128	104	158	101	127
1975	114	101	102	98	103	121	114	108	142	101	137	130	112	110	153
1976	117	105	105	103	110	121	120	102	141	101	136	128	142	108	132
1977	119	106	105	105	112	129	126	107	132	104	136	116	191	98	175
1978	122	106	104	104	118	131	135	113	125	107	138	116	145	102	182
1979	129	109	106	106	127	144	148	117	144	110	145	107	194	77	219
1980 <sup>14</sup>	122	113	111	110	128	131	123	107	157	105	164	114	150	90	171

<sup>1</sup> Production of livestock and livestock products for human use, horses and mules excluded. <sup>2</sup> Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown. <sup>3</sup> Cattle and calves, sheep and lambs, and hogs. <sup>4</sup> Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. <sup>5</sup> Chicken eggs, commercial broilers, chickens, and turkeys. <sup>6</sup> Includes production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown. <sup>7</sup> Corn for grain, oats, barley, and sorghum grain. <sup>8</sup> All hay, sorghum forage, corn silage, and sorghum silage. <sup>9</sup> All wheat, rye, and rice. <sup>10</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value. <sup>11</sup> Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years are based on year of bloom. <sup>12</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup. <sup>13</sup> Soybeans, peanuts harvested for nuts, cottonseed, and flaxseed. <sup>14</sup> Preliminary.

Economic Research Service.

**Table 631.—Farm output: Index numbers by farming regions,<sup>1</sup> 1966–80**  
[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1966	92	98	93	96	93	86	99	100	95	103	95
1967	100	100	100	100	100	100	100	100	100	100	100
1968	95	103	98	104	96	92	113	112	104	108	102
1969	97	100	97	109	100	98	108	105	106	109	102
1970	99	102	92	102	101	98	114	109	107	109	101
1971	101	111	108	122	104	111	119	100	111	112	110
1972	90	107	105	121	105	108	123	116	110	116	110
1973	92	110	104	125	107	111	118	132	110	120	112
1974	97	103	92	107	108	118	115	110	111	128	106
1975	97	108	109	115	112	119	113	123	117	136	114
1976	101	105	113	113	119	125	122	127	122	140	117
1977	96	128	113	123	109	110	129	139	112	133	119
1978	104	128	119	126	118	121	127	121	123	133	122
1979	104	130	129	135	112	127	136	142	118	146	129
1980 <sup>2</sup>	104	134	119	117	109	117	113	119	126	157	122

<sup>1</sup>For States included in regions, see footnote 1, table 669. <sup>2</sup>Preliminary.

Economic Research Service.

**Table 632.—Cropland used for crops: Index numbers by farming regions,<sup>1</sup> 1966–80**  
[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1966	102	97	96	99	95	92	91	101	99	99	98
1967	100	100	100	100	100	100	100	100	100	100	100
1968	95	98	95	98	98	99	108	103	100	100	98
1969	91	92	93	100	94	96	107	107	102	97	98
1970	94	93	94	99	95	98	110	100	102	99	98
1971	95	99	99	100	103	104	110	97	101	99	100
1972	92	94	96	99	99	101	110	94	103	102	98
1973	94	103	104	102	104	106	111	109	102	101	103
1974	97	106	108	103	108	111	113	111	105	106	106
1975	97	108	109	104	111	115	116	112	105	108	108
1976	98	111	110	105	113	117	124	108	106	109	109
1977	99	113	113	107	118	123	128	112	106	106	111
1978	98	110	110	104	118	122	127	106	106	107	108
1979	100	114	114	104	122	129	134	114	109	108	112
1980 <sup>2</sup>	101	116	115	106	124	132	136	116	110	111	114

See footnotes on page 437.

**Table 633.—Crop production per acre of cropland used for crops: Index numbers by regions,<sup>1</sup> 1966–80**  
[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1966	85	102	96	98	98	89	110	100	96	107	97
1967	100	100	100	100	100	100	100	100	100	100	100
1968	97	108	104	109	95	88	110	116	104	111	105
1969	103	113	108	117	105	97	103	99	105	114	106
1970	102	111	96	103	103	96	106	107	104	111	102
1971	102	116	115	130	98	105	110	96	108	115	112
1972	87	120	118	131	104	105	115	122	107	116	115
1973	96	117	110	135	102	105	111	133	111	124	116
1974	100	103	89	106	99	108	101	95	111	129	104
1975	98	109	112	119	103	104	99	109	113	132	112
1976	97	94	110	111	104	105	96	118	119	133	111
1977	93	132	114	132	92	85	104	136	115	133	116
1978	100	133	122	141	100	97	102	116	125	129	121
1979	102	133	133	154	89	98	109	143	121	145	129
1980 <sup>2</sup>	96	131	117	122	83	86	82	103	126	151	115

See footnotes on page 442.

**Table 634.—Labor: Indexes of farm production per hour, by farming regions, 1966–80<sup>1</sup>**  
 [1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appalachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1966	88	94	91	96	89	87	94	100	93	97	92
1967	100	100	100	100	100	100	100	100	100	100	100
1968	101	108	104	106	103	99	114	114	104	106	106
1969	110	111	110	118	112	104	112	107	106	108	110
1970	118	121	111	111	122	110	125	111	114	115	115
1971	125	134	133	131	133	128	135	108	121	118	128
1972	123	139	138	138	144	130	143	126	125	127	136
1973	131	151	142	142	151	135	149	145	128	125	130
1974	143	145	131	122	154	148	153	128	137	133	136
1975	149	161	165	139	156	155	166	150	146	143	152
1976	166	164	179	140	172	167	182	165	158	151	162
1977	166	206	185	156	168	153	195	181	151	146	170
1978	186	213	205	168	187	175	208	168	168	151	182
1979	196	228	226	182	190	190	231	197	166	159	198
1980 <sup>2</sup>	204	244	216	162	182	170	198	178	180	173	194

<sup>1</sup>Index of farm output (see table 631) divided by index of hours of labor used on farms (for absolute number of hours of labor used on farms in the United States, see table 658).

<sup>2</sup>Preliminary.

Economic Research Service.

**Table 635.—Labor: Indexes of farm production per hour used for farm work, by enterprise groups, United States, 1966–80<sup>1</sup>**  
 [1967 = 100]

Year	Livestock and products					Crops									
	Farm out-put	All live-stock and prod-ucts	Meat an-imals	Milk cows	Poul-try	All crops	Feed grains	Hay and forage	Food grains	Veget-ables	Fruits and nuts	Sugar crops	Cot-ton	To-bacco	Oil crops
1966	92	93	95	93	93	94	93	93	104	97	102	92	102	89	103
1967	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968	106	105	104	108	104	106	102	103	110	103	101	110	133	101	111
1969	110	112	110	117	112	108	109	105	117	110	107	111	125	110	113
1970	115	121	117	125	119	111	109	105	121	110	109	116	136	129	127
1971	128	128	122	136	128	126	136	111	130	114	111	125	149	134	134
1972	136	137	130	148	142	135	153	120	124	116	109	127	187	149	144
1973	130	144	137	153	151	138	153	125	131	116	118	122	224	147	148
1974	136	156	147	168	166	128	131	124	115	116	129	118	208	158	134
1975	152	160	150	178	175	142	156	133	130	116	125	134	255	157	156
1976	162	178	164	202	200	146	164	128	127	123	129	139	302	164	150
1977	170	189	172	223	215	157	177	141	129	124	126	141	434	166	175
1978	182	204	186	242	241	166	199	155	136	129	129	145	439	179	170
1979	198	222	200	269	265	182	221	165	150	133	131	145	571	157	187
1980 <sup>2</sup>	194	240	218	306	291	165	186	154	150	136	141	152	438	170	154

<sup>1</sup>Index of farm production (see table 630) divided by the appropriate index of hours of labor (for absolute number of hours, see table 658).

<sup>2</sup>Preliminary.

Economic Research Service.



**Table 636.—Selected crops: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-80<sup>1</sup>**

Crop and item	1915-19	1925-29	1935-39	1945-49	1955-59	1965-69	1976-80 <sup>2</sup>
Corn for grain:							
Hours per acre	34.2	30.3	28.1	19.2	9.9	5.8	3.5
Yield-bushels	25.9	26.3	26.1	36.1	48.7	78.5	96.0
Hours per 100 bushels	132	115	108	53	20	7	4
Sorghum grain:							
Hours per acre	.....	17.5	13.1	8.8	5.9	4.2	3.8
Yield-bushels	.....	16.8	12.8	17.8	29.2	52.9	53.8
Hours per 100 bushels	.....	104	102	49	20	8	7
Wheat:							
Hours per acre	13.6	10.5	8.8	5.7	3.8	2.9	2.8
Yield-bushels	13.9	14.1	13.2	16.9	22.3	27.5	32.0
Hours per 100 bushels	98	74	67	34	17	11	9
Hay:							
Hours per acre	13.0	12.0	11.3	8.4	6.0	3.8	3.4
Yield-ton	1.25	1.22	1.24	1.35	1.61	1.97	2.22
Hours per ton	10.4	9.8	9.1	6.2	3.7	1.9	1.5
Potatoes:							
Hours per acre	73.8	73.1	69.7	68.5	53.1	45.1	36.8
Yield-cwt	56.9	68.4	70.3	117.8	178.1	212.8	263.6
Hours per ton	26	21	20	12	6	4	3
Sugarbeets:							
Hours per acre	125	109	98	85	51	33	25
Yield-ton	9.6	10.9	11.6	13.6	17.4	17.5	20.0
Hours per ton	13.0	10.0	8.4	6.3	2.9	1.9	1.2
Cotton:							
Hours per acre	105	96	99	83	66	30	7
Yield-pounds	168	171	226	273	428	484	472
Hours per bale	299	268	209	146	74	30	7
Tobacco:							
Hours per acre <sup>3</sup>	353	370	415	460	475	427	248
Yield-pounds	803	772	886	1,176	1,541	1,960	1,997
Hours per 100 pounds	44	48	47	39	31	22	12
Soybeans:							
Hours per acre	19.9	15.9	11.8	8.0	5.2	4.8	3.6
Yield-bushels	13.9	12.6	18.5	19.6	22.7	25.8	29.2
Hours per 100 bushels	143	126	64	41	23	19	12

<sup>1</sup> Labor-hours per acre harvested, including preharvest work on area abandoned, grazed, and turned under.

<sup>2</sup> Preliminary.

<sup>3</sup> Per acre planted and harvested.

Economic Research Service.

**Table 637.—Livestock: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-80**

Kind of livestock and item	1915-19	1925-29	1935-39	1945-49	1955-59	1965-69	1976-80 <sup>1</sup>
Milk cows:							
Hours per cow	141	145	148	129	109	78	42
Milk per cow (pounds)	3,790	4,437	4,401	4,992	6,307	8,820	11,323
Hours per cwt. of milk	3.7	3.3	3.4	2.6	1.7	.9	.4
Cattle other than milk cows:							
Hours per cwt. of beef produced <sup>2,3</sup>	4.5	4.3	4.2	4.0	3.2	2.1	1.3
Hogs:							
Hours per cwt. produced <sup>3</sup>	3.6	3.3	3.2	3.0	2.4	1.4	.5
Chickens (laying flocks and eggs):							
Hours per 100 layers	.....	218	221	240	175	97	53
Rate of lay	.....	117	129	161	200	219	239
Hours per 100 eggs produced	.....	1.9	1.7	1.5	.9	.4	.2
Chickens (farm raised):							
Hours per 100 birds	33	32	30	29	23	14	11
Hours per cwt. produced <sup>3</sup>	9.4	9.4	9.0	7.7	6.7	3.7	2.8
Chickens (broilers):							
Hours per 100 birds	.....	.....	25	16	4	2	.5
Hours per cwt. produced <sup>3</sup>	.....	.....	8.5	5.1	1.3	.5	.1
Turkeys:							
Hours per cwt. produced <sup>3</sup>	31.1	28.5	23.7	13.1	4.4	1.3	.4

<sup>1</sup> Preliminary.

<sup>2</sup> Production includes beef produced as a byproduct of the milk-cow enterprise.

<sup>3</sup> Live-weight production.

Economic Research Service.

**Table 638.—Industrial production and income: Index numbers of production in selected lines and aggregate weekly payroll index, United States, 1966–80**

[1967 = 100]

Year	Industrial production <sup>1</sup>					Ag- gre- gate weekly pay- roll index <sup>2</sup>	Year	Industrial production <sup>1</sup>					Ag- gre- gate weekly pay- roll index <sup>2</sup>
	Total	Man- ufac- turing	Du- ra- ble man- ufac- turing	Non- du- ra- ble man- ufac- turing	Min- ing			Total	Man- ufac- turing	Du- ra- ble man- ufac- turing	Non- du- ra- ble man- ufac- turing	Min- ing	
1966 . . . . .	97.8	97.9	98.9	96.7	98.2	97.8	1974 . . . . .	129.3	129.4	125.7	134.6	115.3	157.1
1967 . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	1975 . . . . .	117.8	116.3	109.3	126.4	112.8	151.0
1968 . . . . .	106.3	106.4	106.5	106.2	104.2	108.3	1976 . . . . .	130.5	130.3	122.3	141.8	114.2	172.4
1969 . . . . .	111.1	111.0	110.6	111.5	108.3	116.6	1977 . . . . .	138.2	138.4	130.0	150.5	118.2	197.5
1970 . . . . .	107.8	106.4	102.3	112.3	112.2	114.1	1978 . . . . .	146.1	146.8	139.7	156.9	124.0	224.2
1971 . . . . .	109.6	108.2	102.4	116.6	109.8	116.7	1979 . . . . .	152.5	153.6	146.4	164.0	125.5	247.5
1972 . . . . .	119.7	118.9	113.7	126.5	113.1	131.5	1980 <sup>3</sup> . . . . .	147.0	146.7	136.7	161.2	132.7	251.1
1973 . . . . .	129.8	129.8	127.1	133.8	114.7	149.2							

<sup>1</sup> Data from Board of Governors of the Federal Reserve System.<sup>2</sup> For manufacturing. (Department of Labor series.)<sup>3</sup> Preliminary.

Economic Research Service.

**Table 639.—Railroad freight rates: Index numbers for specified commodities, 1966–80<sup>1</sup>**

Year	Railroad freight rate indexes 1977 = 100 <sup>2</sup>					
	Meats	Fruits and ve- get- ables	Wheat	All grains	Soybeans	Cotton
1966 . . . . .	44	47	50	52	45	60
1967 . . . . .	44	48	50	52	46	60
1968 . . . . .	45	49	51	52	46	60
1969 . . . . .	47	51	51	52	47	61
1970 . . . . .	52	56	57	56	52	67
1971 . . . . .	58	64	63	62	58	75
1972 . . . . .	60	66	60	62	58	78
1973 . . . . .	61	67	62	63	59	80
1974 . . . . .	71	77	74	75	72	92
1975 . . . . .	83	88	85	86	83	99
1976 . . . . .	93	99	92	93	92	109
1977 . . . . .	100	100	100	100	100	100
1978 <sup>4</sup> . . . . .	127	103	108	106	108	87
1979 <sup>4</sup> . . . . .	156	114	124	123	129	99
1980 <sup>4</sup> . . . . .	191	( <sup>3</sup> )	149	151	151	118

<sup>1</sup> Wool, tobacco, and combined indexes published in prior years are no longer included. The Bureau of Labor Statistics now reports monthly an index on farm products and a separate index for food and kindred products.<sup>2</sup> All index number series are of the weighted aggregate type. They are based on averages of rates in effect during the year. Annual averages are computed by weighting the rates by the number of days they are in effect.<sup>3</sup> Data for fruits and vegetables not available beginning in 1980.<sup>4</sup> These indexes use revised volumes and, in some instances, different origins and/or destinations than were used in earlier years. They were linked to the earlier series through computation on both bases for 1976.

Economic Research Service.

## FOOTNOTES FOR TABLE 633

<sup>1</sup> For States included in regions, see footnote 1, table 671.<sup>2</sup> Preliminary.

Economic Research Service.

**Table 640.—Marketing costs: Labor, transportation, corporate profits, and other costs, for marketing farm food products, United States, 1966–80<sup>1</sup>**

Year	Labor <sup>2</sup>	Rail and truck transportation <sup>3</sup>	Corporate profits <sup>4</sup>		Other <sup>5</sup>	Total marketing bill
			Before taxes	After taxes		
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1966	24.6	4.2	3.4	1.8	24.9	57.1
1967	25.9	4.3	3.4	1.8	28.2	61.8
1968	28.0	4.5	3.6	1.8	29.0	65.1
1969	30.4	4.6	3.6	1.6	28.9	67.5
1970	32.2	5.2	3.6	1.6	32.9	73.9
1971	34.5	6.0	3.9	2.1	34.9	79.3
1972	36.6	6.1	4.0	1.9	35.7	82.4
1973	39.7	6.4	5.4	2.8	35.6	87.1
1974	44.3	7.5	6.1	3.0	40.3	98.2
1975	48.7	8.5	7.5	3.7	48.7	113.4
1976	53.7	9.1	7.6	3.3	55.0	125.4
1977	58.4	9.8	8.0	3.6	58.1	134.3
1978	65.3	10.3	9.0	3.8	60.3	144.9
1979	71.6	11.7	9.9	4.7	66.7	159.9
1980 <sup>6</sup>	79.1	13.9	11.0	5.1	74.6	178.6

<sup>1</sup> For domestic farm foods bought by civilian consumers in this country.

<sup>2</sup> Labor cost includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. It also includes supplements to wages and salaries such as social security and unemployment insurance taxes and health insurance premiums, but it does not include the cost of labor employed in for-hire transportation.

<sup>3</sup> Includes charges for protective services, heating and refrigeration; does not include local hauling. Charges for intercity transportation by water and air are a part of the "other" or residual component of the marketing bill.

<sup>4</sup> Does not include profits of unincorporated firms or transportation firms.

<sup>5</sup> Residual component; includes other costs such as advertising, depreciation, fuel, electric power, containers, packaging materials, air and water transportation, interest on borrowed capital, taxes other than those on income, and noncorporate profits.

<sup>6</sup> Preliminary.

Economic Research Service.

**Table 641.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1968–80<sup>1</sup>**

Year	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 <sup>2</sup>	Farm value <sup>3</sup>	Farm to retail spread <sup>4</sup>	Farm value share of retail cost
	Market basket of farm food products				Bakery and cereal products			
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1968	103.6	105.3	102.6	38	103.6	97.5	104.7	16
1969	109.1	114.8	105.7	39	106.3	97.7	108.1	16
1970	113.7	114.0	113.5	37	112.0	103.7	113.8	16
1971	115.7	114.6	116.4	37	116.3	106.5	118.3	16
1972	121.3	125.1	119.1	38	115.9	112.4	116.7	17
1973	142.3	167.9	127.2	44	128.9	167.9	120.8	22
1974	161.9	181.5	150.4	41	167.3	243.1	151.6	24
1975	173.6	187.8	165.2	40	183.7	200.2	180.3	19
1976	175.4	178.0	173.9	38	180.8	162.3	184.6	15
1977	179.2	178.3	179.7	37	183.7	138.2	193.2	13
1978	199.4	205.6	195.7	38	199.9	163.9	207.3	14
1979	222.7	228.1	219.6	38	220.2	189.9	226.3	15
1980 <sup>5</sup>	238.8	240.3	238.0	37	246.4	221.1	251.7	15

See footnotes at end of table.

**Table 641.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1968–80<sup>1</sup> — Continued**

Year	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 <sup>2</sup>	Farm value <sup>3</sup>	Farm to retail spread <sup>4</sup>	Farm value share of retail cost
	Meat products				Fruits and vegetables, fresh			
	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>
1968	100.6	101.6	99.5	54	111.8	119.5	108.2	34
1969	111.4	116.4	105.5	56	112.0	113.0	111.5	32
1970	116.6	113.7	120.0	53	116.2	111.2	118.6	30
1971	115.5	112.1	119.3	52	121.9	121.8	121.9	32
1972	129.3	133.2	124.7	56	128.8	126.4	129.8	31
1973	160.1	179.5	137.4	60	154.0	166.7	148.1	34
1974	162.9	162.1	163.9	54	160.6	170.3	156.1	33
1975	178.3	188.3	166.5	57	165.4	172.4	162.1	33
1976	178.5	170.1	188.4	51	171.2	168.0	172.6	31
1977	174.2	169.8	179.5	53	194.9	193.2	195.8	31
1978	206.8	206.4	207.3	54	222.4	225.4	221.0	32
1979	241.9	234.6	250.4	52	238.5	221.0	246.5	29
1980 <sup>5</sup>	248.8	234.4	266.1	51	255.2	227.5	268.0	28
	Dairy products				Fats and oils			
	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>
1968	102.8	104.0	101.7	47	96.3	89.4	99.0	26
1969	106.1	109.3	103.3	48	96.4	91.4	98.4	26
1970	111.3	113.9	109.1	48	103.8	111.2	100.9	30
1971	114.7	116.2	113.4	47	113.5	128.8	107.6	32
1972	116.4	118.9	114.2	48	114.8	110.0	116.7	27
1973	126.6	135.2	119.2	49	127.1	172.7	109.6	38
1974	150.7	159.3	143.3	49	192.5	324.6	141.6	47
1975	154.0	163.6	145.6	49	206.8	253.8	188.7	34
1976	168.5	185.9	153.3	51	176.7	206.4	165.2	33
1977	173.3	187.2	161.3	50	192.0	249.3	169.9	36
1978	185.5	204.7	168.8	51	209.6	257.4	191.1	34
1979	207.0	234.0	183.6	53	226.3	278.9	206.4	34
1980 <sup>5</sup>	227.4	254.9	203.5	52	241.2	249.9	237.8	29
	Poultry and eggs				Fruits and vegetables, processed			
	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>
1968	108.4	105.8	111.4	51	110.8	121.6	108.5	20
1969	116.1	126.1	104.9	57	114.5	126.5	108.2	21
1970	114.0	114.2	113.8	53	114.3	118.0	113.5	19
1971	108.5	104.8	126.7	51	120.0	121.8	119.6	18
1972	108.9	106.6	111.4	52	122.7	127.5	121.5	19
1973	150.4	179.2	118.4	63	130.6	137.0	128.0	19
1974	152.6	175.0	127.7	60	159.1	192.5	151.7	22
1975	160.9	186.8	132.1	61	179.6	211.2	172.7	21
1976	163.3	185.3	138.9	60	181.7	202.8	177.1	20
1977	162.0	182.1	139.7	59	190.2	188.5	190.6	18
1978	167.6	192.9	139.4	61	208.7	221.9	205.8	19
1979	178.4	198.7	155.9	59	226.6	235.3	224.7	19
1980 <sup>5</sup>	183.3	203.4	160.9	58	242.5	242.6	242.4	18

<sup>1</sup>The market basket represents purchasing patterns of domestically produced farm foods in food stores by households from July 1972 through June 1974. <sup>2</sup>Special index of retail prices for domestically produced foods 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.

**Table 642.—Marketing bill for U.S. farm foods: Civilian consumer expenditures, farm value, and marketing bill, 1966–80<sup>1</sup>**

Year	Total marketing bill	Farm value	Civilian expenditures for farm foods	Year	Total marketing bill	Farm value	Civilian expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>		<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1966	57.1	29.8	86.9	1974	98.2	56.4	154.6
1967	61.8	28.8	90.6	1975	113.4	55.6	169.0
1968	65.1	30.4	95.5	1976	125.4	58.3	183.7
1969	67.5	33.7	101.2	1977	134.3	58.0	192.3
1970	73.9	34.8	108.7	1978	144.9	69.4	214.3
1971	79.3	35.4	114.7	1979	159.9	78.0	237.9
1972	82.4	39.8	122.2	1980 <sup>2</sup>	178.6	81.4	260.1
1973	87.1	51.7	138.8				

<sup>1</sup>The total marketing bill is the difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to domestic food bought by civilian consumers and not to that sold to the Armed Forces or exported.

<sup>2</sup>Preliminary.

Economic Research Service.

**Table 643.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1979 and 1980**

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1979	1980 <sup>2</sup>	1979		1980	
			Based on data for—	Parity price	Based on data for—	Parity Price
<b>Basic commodities:</b>						
<b>Cotton:</b>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
American upland . . . . . pound . . . . .	0.631	0.761	July . . .	0.999	July . . .	1.09
Extra-long staple . . . . . do. . . . .	1.010	1.090	July . . .	1.61	July . . .	1.76
Wheat . . . . . bushel . . . . .	3.78	3.96	June . . .	5.98	June . . .	6.51
Rice . . . . . cwt. . . . .	10.50	12.00	June . . .	17.20	June . . .	18.60
Corn . . . . . bushel . . . . .	2.52	3.27	Sept . . .	4.21	Sept . . .	4.65
Peanuts . . . . . pound . . . . .	.206	.240	July . . .	.358	July . . .	.381
<b>Tobacco:</b>						
Flue-cured, types 11–14 . . . . . do. . . . .	1.400	1.445	June . . .	2.03	June . . .	2.22
Va., fire-cured, type 21 . . . . . do. . . . .	1.079	1.281	Nov . . .	1.68	Nov . . .	1.89
Ky.-Tenn. fire-cured, types 22–23 do. . . . .	1.152	1.394	Dec . . .	1.90	Dec . . .	2.13
Burley, type 31 . . . . . do. . . . .	1.452	1.659	Oct . . .	2.10	Oct . . .	2.36
Maryland, type 32 <sup>4</sup> . . . . . do. . . . .	1.397	1.698	Mar . . .	1.90	Mar . . .	2.04
Dark air-cured, types 35–36 . . . . . do. . . . .	1.117	1.265	Nov . . .	1.60	Nov . . .	1.84
Sun-cured, type 37 . . . . . do. . . . .	.908	1.271	Oct . . .	1.60	Oct . . .	1.75
Pa. seedleaf, type 41 . . . . . do. . . . .	.720	.870	Dec . . .	1.06	Dec . . .	1.20
Cigar filler and binder, types 42–44, 54–55 . . . . . pound . . . . .	1.148	1.235	Sept . . .	1.37	Sept . . .	1.59
Puerto Rican filler, type 46 . . . . . do. . . . .	n.a.	n.a.	Jan . . .	1.23	Jan . . .	1.37
Cigar binder, types 51–52 . . . . . do. . . . .	1.615	1.800	Oct . . .	1.85	Oct . . .	2.14
<b>Designated nonbasic commodities:</b>						
Milkfat, in cream . . . . . pound . . . . .	1.19	( <sup>5</sup> )	Dec <sup>6</sup> . . .	1.46	Dec <sup>6</sup> . . .	1.64
All milk, sold to plants . . . . . cwt. . . . .	12.00	13.00	Dec <sup>6</sup> . . .	14.60	Dec <sup>6</sup> . . .	16.80
Fluid market . . . . . cwt. . . . .	12.20	13.20				
Manufacturing grade . . . . . cwt. . . . .	11.10	12.00				
Honey, all . . . . . pound . . . . .	<sup>7</sup> 8.553	.614	Dec <sup>6</sup> . . .	.668	Dec <sup>6</sup> . . .	.793
<b>Wool and mohair:</b>						
Wool . . . . . pound . . . . .	<sup>9</sup> 8.863	<sup>9</sup> 8.881	Dec <sup>6</sup> . . .	1.52	Dec <sup>6</sup> . . .	1.72
Mohair . . . . . do. . . . .	<sup>10</sup> 5.10	<sup>10</sup> 3.50	Dec <sup>6</sup> . . .	3.02	Dec <sup>6</sup> . . .	4.06

See footnotes at end of table.

Table 643. — Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1979 and 1980—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1979	1980 <sup>2</sup>	1979		1980	
			Based on data for—	Parity price	Based on data for—	Parity Price
Other nonbasic commodities:						
Field crops and miscellaneous:	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Barley . . . . . bushel.	2.29	2.91	June . . .	3.94	June . . .	4.12
Beans, dry edible . . . . . cwt.	22.80	26.30	July . . .	33.60	July . . .	37.10
Cottonseed . . . . . ton.	121.00	129.00	July . . .	173.00	July . . .	196.00
Crude pine gum . . . . . barrel.	82.19	n.a.	Mar . . .	116.00	Mar . . .	130.00
Flaxseed . . . . . bushel.	5.97	7.27	June . . .	10.50	June . . .	11.50
Hay, all, baled . . . . . ton.	59.50	70.90	Jan . . .	80.50	Jan . . .	90.90
Hops . . . . . pound.	.976	1.511	July . . .	1.57	July . . .	1.72
Oats . . . . . bushel.	1.36	1.82	June . . .	2.16	June . . .	2.34
Peas, dry field . . . . . cwt.	10.40	9.33	July . . .	18.40	July . . .	20.40
Peppermint oil . . . . . pounds.	9.91	9.41	July . . .	19.30	July . . .	21.00
Popcorn, shelled basis . . . . . cwt.	9.17	10.50	July . . .	12.80	July . . .	14.70
Potatoes . . . . . cwt.	3.43	5.73	Apr . . .	6.96	Apr . . .	7.34
Rye . . . . . bushel.	2.06	2.62	June . . .	3.50	June . . .	3.78
Sorghum grain . . . . . cwt.	4.18	5.39	Sept . . .	7.01	Sept . . .	7.81
Soybeans . . . . . bushel.	6.28	7.61	Aug . . .	10.10	Aug . . .	11.60
Spearmint oil . . . . . pound.	8.72	9.61	July . . .	17.00	July . . .	18.30
Sweetpotatoes . . . . . cwt.	8.92	12.00	June . . .	17.70	June . . .	19.30
Tobacco:						
Cigar wrapper, type 61 . . . . . pound.	8.500	9.800	Dec . . .	11.50	Dec . . .	13.10
Cigar wrapper, type 62 . . . . . do.	n.a.	n.a.	Oct . . .	6.47	Oct . . .	8.24
Fruits:						
Citrus (equiv. on-tree): <sup>11</sup>						
Grapefruit . . . . . box.	2.35	2.97	Aug . . .	3.70	Aug . . .	4.17
Lemons . . . . . box.	4.64	4.81	Oct . . .	7.16	Oct . . .	7.71
Limes, Florida . . . . . box.	12.43	8.18	Mar . . .	13.70	Mar . . .	15.80
Oranges . . . . . box.	4.70	3.34	Oct . . .	4.86	Oct . . .	5.55
Tangelos . . . . . box.	3.90	2.56				
Tangerines . . . . . box.	6.01	3.36	Oct . . .	7.31	Oct . . .	7.89
Templets . . . . . box.	4.89	2.54				
Deciduous and other:						
Apples:						
For all sales . . . . . pound.	.109	.086				
For fresh consumption <sup>12</sup> . . . . . do.	.154	.121	June . . .	.208	June . . .	.227
For processing . . . . . ton.	114.00	81.50	July . . .	172.00	July . . .	193.00
Apricots:						
For all sales . . . . . ton.	273.00	283.00				
For fresh consumption . . . . . ton.	390.00	564.00	May . . .	992.00	May . . .	1,100.00
Dried, California (dried basis) . . . . . ton.	2,035.00	1,553.00	June . . .	3,840.00	June . . .	3,890.00
For processing (except dried) . . . . . ton.	264.00	252.00	July . . .	309.00	July . . .	347.00
Avocados . . . . . ton.	1,256.00	432.00	Sept . . .	1,240.00	Sept . . .	1,470.00
Berries for processing (Washington and Oregon):						
Blackberries . . . . . pound.	.579	.199	July . . .	.595	July . . .	.698
Boysenberries/youngberries . . . . . do.	.797	.299	July . . .	.768	July . . .	.923
Gooseberries . . . . . do.	.220	.198	July . . .	.309	July . . .	.332
Loganberries . . . . . do.	.609	.237	July . . .	.633	July . . .	.737
Raspberries, black . . . . . do.	.923	.452	July . . .	1.06	July . . .	1.20
Raspberries, red . . . . . do.	.686	.285	July . . .	.742	July . . .	.857
Cherries:						
Sweet . . . . . ton.	601.00	552.00	Apr . . .	867.00	Apr . . .	941.00
Tart . . . . . pound.	.472	.202	May . . .	.375	May . . .	.467
Cranberries . . . . . barrel.	26.70	32.90	Aug . . .	29.40	Aug . . .	33.60
Dates, California <sup>13</sup> . . . . . ton.	514.00	634.00	Aug . . .	521.00	Aug . . .	626.00
Figs:						
For fresh consumption, and canned, California . . . . . ton.	416.00	493.00				
Dried, California (dried basis) . . . . . ton.	1,217.00	878.00				
Grapes:						
For all sales . . . . . ton.	237.00	239.00				
Raisin varieties dried, California (dried basis) . . . . . ton.	1,151.00	1,198.00	Aug . . .	1,260.00	Aug . . .	1,510.00
Grapes, excluding raisin varieties, dried, California (fresh basis) . . . . . ton.	178.00	183.00	May . . .	309.00	May . . .	345.00
Nectarines (California): <sup>13</sup>						
For fresh consumption . . . . . ton.	198.00	231.00	May . . .	453.00	May . . .	471.00
For processing . . . . . ton.	69.00	78.00	July . . .	182.00	July . . .	210.00

See footnotes at end of table.

FARM PRODUCT PRICES

447

Table 643. — Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1979 and 1980—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1979	1980 <sup>2</sup>	1979		1980	
			Based on data for—	Parity price	Based on data for—	Parity Price
Other nonbasic commodities—Continued						
Fruits—Continued						
Deciduous and other—Continued						
Olives (California): <sup>13</sup>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
For all sales . . . . . ton.	399.00	337.00				
Crushed for oil . . . . . ton.	145.00	75.00	July . .	83.70	July . .	107.00
For processing (except crushed) . . . . . ton.	406.00	357.00	July . .	692.00	July . .	755.00
For canning . . . . . ton.	432.00	410.00	July . .	749.00	July . .	818.00
Peaches:						
For all sales . . . . . pound.	.116	.124				
For fresh consumption <sup>14</sup> . . do.	.153	.166	Apr . .	.284	Apr . .	.310
Dried, California (dried basis) . . . . . ton.	1,210.00	1,840.00	July . .	2,360.00	July . .	2,540.00
For processing (except dried):						
Clingstone <sup>14</sup> . . . . . ton.	178.00	188.00	June . .	218.00	June . .	240.00
Freestone . . . . . ton.	157.00	143.00	July . .	215.00	July . .	239.00
Pears:						
For all sales . . . . . ton.	204.00	196.00				
For fresh consumption <sup>15</sup> . . ton.	276.00	243.00	May . .	341.00	May . .	384.00
Dried, California (dried basis) . . . . . ton.	930.00	577.00	Aug . .	2,280.00	Aug . .	2,450.00
For processing (except dried) ton.	166.00	167.00	July . .	260.00	July . .	284.00
Plums (equiv. on-tree) (California):						
For all sales . . . . . ton.	180.00	340.00				
For fresh consumption . . . ton.	182.00	346.00				
For processing . . . . . ton.	28.90	7.00				
Pomegranates, California . . ton.	324.00	293.00				
Prunes, dried (California) . . ton.	812.00	690.00				
Prunes and plums (excl. Calif.):						
For fresh consumption . . . ton.	258.00	217.00				
For processing (except dried) ton.	114.00	120.00				
Strawberries:						
For fresh consumption . . pound.	.429	.478	Jan . .	.621	Jan . .	.685
For processing . . . . . do.	.285	.263	July . .	.401	July . .	.440
Seed crops:						
Alfalfa . . . . . cwt.	114.00	113.00	July . .	151.00	July . .	172.00
Bentgrass . . . . . cwt.	190.00	112.00	July . .	131.00	July . .	165.00
Chewings fescue (Oregon) . . cwt.	72.00	66.00	Jan . .	75.30	Jan . .	88.80
Crimson clover . . . . . cwt.	50.00	49.00	Jan . .	67.20	Jan . .	76.20
Hairy vetch . . . . . cwt.	38.00	35.00	Jan . .	38.00	Jan . .	44.50
Ladino clover . . . . . cwt.	145.00	136.00	Jan . .	197.00	Jan . .	225.00
Lespedeza . . . . . cwt.	34.70	49.20	July . .	69.40	July . .	76.50
All Kentucky bluegrass . . . cwt.	79.60	58.30	Jan . .	183.00	Jan . .	193.00
Orchardgrass . . . . . cwt.	44.50	45.10	Jan . .	54.60	Jan . .	62.40
Red clover . . . . . cwt.	62.60	65.20	July . .	107.00	July . .	116.00
Red fescue . . . . . cwt.	74.00	70.00	Jan . .	76.50	Jan . .	90.30
Tall fescue . . . . . cwt.	21.70	23.40	Jan . .	28.70	Jan . .	31.50
Timothy . . . . . cwt.	34.30	50.20	July . .	48.00	July . .	55.30
Sugar crops:						
Maple sirup . . . . . gallon.	14.10	16.20				
Sugarbeets . . . . . ton.	33.90	n.a.	July . .	51.80	July . .	57.00
Sugarcane for sugar <sup>16</sup> . . . ton.	26.00	n.a.	July . .	40.00	July . .	44.00
Tree nuts:						
Almonds . . . . . pound.	.153	.147	July . .	1.67	July . .	1.93
Filberts . . . . . ton.	951.00	1152.00	July . .	1,250.00	July . .	1,370.00
Pecans, all . . . . . pound.	.554	.781	July . .	1,960.00	July . .	2,140.00
Improved . . . . . do.	.700	.848				
Seedling . . . . . do.	.419	.623				
Walnuts . . . . . ton.	847.00	926.00	July . .	1,250.00	July . .	1,370.00
Vegetables for fresh market:						
Artichokes, California <sup>17</sup> . . cwt.	27.70	34.70	July . .	31.80	July . .	36.50
Asparagus . . . . . cwt.	51.00	48.80	Jan . .	66.60	Jan . .	78.10
Broccoli <sup>18</sup> . . . . . cwt.	19.20	21.20	Jan . .	26.30	Jan . .	29.40
Cabbage . . . . . cwt.	8.10	8.08	Jan . .	10.70	Jan . .	12.40
Cantaloups . . . . . cwt.	11.30	13.50	Jan . .	16.90	Jan . .	18.80
Carrots . . . . . cwt.	6.97	8.45	Dec. <sup>8</sup>	10.70	Dec. <sup>8</sup>	12.00
Cauliflower <sup>18</sup> . . . . . cwt.	21.50	24.10	Nov. <sup>8</sup>	25.10	Nov. <sup>8</sup>	29.40
Celery . . . . . cwt.	9.15	8.75	Dec. <sup>8</sup>	12.80	Dec. <sup>8</sup>	15.20
Cucumbers . . . . . cwt.	14.70	12.90	Jan . .	17.90	Jan . .	20.40

See footnotes at end of table.

Table 643. — Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1979 and 1980—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1979	1980 <sup>2</sup>	1979		1980	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities—Continued						
Vegetables for fresh market—Continued	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Eggplant . . . . . cwt.	14.70	14.50	Jan . . . . .	19.80	Jan . . . . .	22.40
Escarole . . . . . cwt.	18.40	16.20	Jan . . . . .	22.90	Jan . . . . .	26.60
Garlic . . . . . cwt.	23.00	20.00	Jan . . . . .	22.90	Jan . . . . .	25.50
Green peppers . . . . . cwt.	22.20	25.20	Jan . . . . .	29.10	Jan . . . . .	31.90
Honeydew melons . . . . . cwt.	10.90	13.50	Apr . . . . .	16.40	Apr . . . . .	17.80
Lettuce . . . . . cwt.	9.21	8.92	Nov. <sup>6</sup> . . . . .	12.90	Nov. <sup>6</sup> . . . . .	15.20
Onions . . . . . cwt.	7.51	12.30	Feb . . . . .	12.20	Feb . . . . .	13.60
Snap beans . . . . . cwt.	27.00	26.90	Jan . . . . .	35.20	Jan . . . . .	40.00
Spinach . . . . . cwt.	23.90	24.80	Jan . . . . .	30.00	Jan . . . . .	34.50
Sweet corn . . . . . cwt.	9.88	10.70	Jan . . . . .	13.90	Jan . . . . .	15.60
Tomatoes . . . . . cwt.	22.50	20.90	Dec. <sup>6</sup> . . . . .	31.40	Dec. <sup>6</sup> . . . . .	35.30
Watermelons . . . . . cwt.	4.55	6.59	Jan . . . . .	6.03	Jan . . . . .	6.87
Vegetables for processing:						
Asparagus . . . . . ton.	900.00	824.00	Jan . . . . .	999.00	Jan . . . . .	1,150.00
Beets . . . . . ton.	42.20	47.00	Jan . . . . .	62.10	Jan . . . . .	69.40
Cabbage . . . . . ton.	31.60	34.00	Jan . . . . .	50.60	Jan . . . . .	55.70
Cucumbers . . . . . ton.	145.00	166.00	Jan . . . . .	220.00	Jan . . . . .	243.00
Green peas . . . . . ton.	210.00	210.00	Jan . . . . .	312.00	Jan . . . . .	348.00
Lima beans . . . . . ton.	368.00	410.00	July . . . . .	545.00	July . . . . .	603.00
Snap beans . . . . . ton.	153.00	156.00	Jan . . . . .	243.00	Jan . . . . .	267.00
Spinach . . . . . ton.	86.10	91.90	Jan . . . . .	110.00	Jan . . . . .	125.00
Sweet corn . . . . . ton.	51.30	53.40	July . . . . .	81.10	July . . . . .	89.10
Tomatoes . . . . . ton.	67.60	60.40	Jan . . . . .	97.50	Jan . . . . .	109.00
Livestock and livestock products:						
All beef cattle . . . . . cwt.	66.00	62.40	Dec. <sup>6</sup> . . . . .	64.40	Dec. <sup>6</sup> . . . . .	74.50
Cows . . . . . cwt.	50.00	45.70				
Steers and heifers . . . . . cwt.	69.80	66.90				
Calves . . . . . cwt.	88.80	76.80	Dec. <sup>6</sup> . . . . .	74.50	Dec. <sup>6</sup> . . . . .	86.20
Beeswax . . . . . pound.	1.75	1.83	July . . . . .	2.06	July . . . . .	2.36
Chickens:						
Excluding broilers, live . . . . . do.	144	110				
Broilers, live . . . . . do.	259	277				
Eggs . . . . . dozen.	583	563	Dec. <sup>6</sup> . . . . .	909	Dec. <sup>6</sup> . . . . .	1.01
Hogs . . . . . cwt.	41.80	38.00	Dec. <sup>6</sup> . . . . .	63.20	Dec. <sup>6</sup> . . . . .	73.70
Lambs . . . . . cwt.	66.70	63.60	Dec. <sup>6</sup> . . . . .	71.80	Dec. <sup>6</sup> . . . . .	85.40
Milk cows <sup>18</sup> . . . . . head.	1,040.00	1,190.00				
Milk, retail <sup>19</sup> . . . . . quart.	423	452				
Sheep . . . . . cwt.	26.30	21.10	Dec. <sup>6</sup> . . . . .	19.90	Dec. <sup>6</sup> . . . . .	24.40
Turkeys, live . . . . . pound.	411	413	Dec. <sup>6</sup> . . . . .	551	Dec. <sup>6</sup> . . . . .	640

<sup>1</sup>Season 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 weighting 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 as computed, currently using base prices in effect and indexes for months indicated. Parity prices shown are those for the most recent month available preceding the start of the crop marketing season for crops and the calendar year for livestock and livestock products.

<sup>4</sup>Crop is sold during year following production. 1979 price is average of auction sales through May 4, 1980. Parity prices are for March 1978 and 1979.

<sup>5</sup>Estimates discontinued.

<sup>6</sup>Previous year.

<sup>7</sup>Extracted wholesale.

<sup>8</sup>State annual average prices weighted by production to obtain U.S. averages.

<sup>9</sup>Average local market price for wool sold excluding incentive payment.

<sup>10</sup>Average local market price for mohair sold excluding incentive payment.

<sup>11</sup>Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest is completed.

<sup>12</sup>Equivalent packinghouse-door returns for Oregon and Washington, equivalent first delivery point returns for California, and prices as sold for other States.

<sup>13</sup>Equivalent per unit returns for bulk fruit at first delivery point.

<sup>14</sup>Prices for fresh use in Arkansas, California, Georgia, Maryland, Michigan, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Virginia, Washington, and West Virginia, and average price for all sales in all other States.

<sup>15</sup>Packinghouse-door returns for fresh consumption for Oregon and Washington, equivalent first delivery point returns for California, average prices for fresh use for Michigan and New York, and average prices for all methods of sale for other States.

<sup>16</sup>Continental United States only.

<sup>17</sup>Includes some processing.

<sup>18</sup>Simple average of States weighted by estimated Jan. 1 head for U.S. average.

<sup>19</sup>Sold by farmers directly to consumers.

n.a. not available.



**Table 644.—Producer prices: Index numbers, by groups of commodities, United States, 1966-80**  
 [1967 = 100]

Year	Farm products	All foods	Hides, skins, leather, and related products	Fuels and related products and power	Chemicals and allied products	Rubber and plastic products	Lumber and wood products	Metals and metal products	Furniture and household durables	Tobacco products <sup>1</sup>	Industrial commodities <sup>2</sup>	All commodities
1966	105.9	101.9	103.4	97.8	99.4	97.8	100.2	98.8	98.0	97.1	98.5	99.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.5	103.4	103.2	98.9	99.8	103.4	113.3	102.6	102.8	102.0	102.5	102.5
1969	109.1	109.7	108.9	100.9	99.9	105.3	125.3	108.5	104.9	107.1	106.0	106.5
1970	111.0	113.6	110.3	106.2	102.2	108.3	113.6	116.6	107.5	113.6	110.0	110.4
1971	112.9	115.5	114.1	115.2	102.2	109.1	127.3	118.7	110.0	116.7	114.1	114.0
1972	125.0	121.8	131.3	118.6	104.1	108.3	144.3	123.5	111.4	117.5	117.9	119.1
1973	176.3	146.9	143.1	134.3	110.0	112.4	177.2	132.8	115.2	121.9	125.9	134.7
1974	187.7	174.4	145.1	208.3	146.8	136.9	183.6	171.9	127.9	132.8	153.8	160.1
1975	186.7	186.0	148.5	245.1	181.3	150.9	176.9	185.6	139.7	149.6	171.3	174.9
1976	191.0	178.9	167.8	265.6	187.2	159.2	205.6	195.9	145.6	163.0	182.4	183.0
1977	192.5	186.8	179.3	302.2	192.8	167.6	236.3	209.0	151.5	179.8	195.1	194.2
1978	212.5	206.4	200.0	322.5	198.8	174.8	276.0	227.1	160.4	198.5	209.4	209.3
1979	241.4	226.4	252.4	408.1	222.3	194.3	300.4	259.3	171.3	217.8	236.5	236.6
1980 <sup>4</sup>	249.3	244.5	348.6	573.4	260.2	217.3	288.8	286.2	187.3	245.5	274.5	268.6

<sup>1</sup>The index for tobacco products and bottled beverages formerly appearing in this table was discontinued in 1967.  
<sup>2</sup>Prior to January 1967, classified as "all commodities other than farm products and processed food."  
<sup>3</sup>Preliminary.

Economic Research Service.

Compiled from reports of the U.S. Department of Labor.

**Table 645.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1966-80<sup>1</sup>**  
 [1910-14 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>2</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Ratio <sup>3</sup>
1966	185	181	215	552	293	246	241	285	341	194	238	353	295	157	290	264	79
1967	176	174	190	555	269	227	222	283	334	187	225	335	308	131	275	250	73
1968	160	157	192	567	257	304	309	305	358	195	225	346	322	139	286	255	73
1969	154	167	173	594	249	228	224	300	369	203	217	398	337	157	322	268	73
1970	162	179	183	604	265	217	214	292	366	218	225	405	350	147	325	274	72
1971	166	187	206	627	297	246	249	322	421	202	242	407	359	134	323	281	70
1972	192	181	245	685	329	265	269	326	431	226	257	496	372	137	372	313	74
1973	379	283	274	718	608	312	305	379	521	385	394	664	440	231	502	447	91
1974	529	423	433	821	625	319	303	403	509	543	504	553	510	214	454	481	86
1975	426	400	348	899	529	313	303	458	579	391	443	567	537	235	474	463	76
1976	355	379	504	906	551	294	291	456	579	375	443	569	591	233	485	464	71
1977	275	316	511	972	652	370	362	498	658	363	433	564	594	228	481	457	66
1978	336	320	466	1,061	608	547	567	522	695	379	460	757	647	243	595	526	70
1979	403	360	490	1,145	670	534	546	548	717	333	501	937	736	252	708	602	71
1980 <sup>4</sup>	452	417	602	1,219	664	469	468	562	722	465	541	878	798	255	691	615	64

See footnotes on page 450.

**Table 646.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1966-80<sup>1</sup>**

[1967 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>2</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Ratio <sup>3</sup>
1966	105	104	113	99	109	109	109	101	102	103	106	105	96	120	106	106	107
1967	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968	91	90	101	102	96	134	139	108	107	104	100	103	105	107	104	102	99
1969	88	96	91	107	93	101	101	106	110	109	97	119	109	120	117	107	100
1970	92	103	96	109	99	96	96	103	110	117	100	121	113	112	118	110	98
1971	98	108	108	113	111	108	112	114	126	108	108	121	117	102	118	113	96
1972	109	104	129	123	122	117	121	115	129	121	114	148	121	105	136	125	101
1973	215	163	144	129	226	137	137	134	156	206	175	198	143	176	183	179	124
1974	300	243	228	148	232	141	136	143	152	290	224	165	166	163	165	192	117
1975	242	230	183	162	197	138	137	162	173	209	201	169	175	179	172	185	103
1976	202	218	265	163	205	129	126	161	173	201	197	170	192	178	177	186	97
1977	156	181	270	175	243	163	163	176	197	194	192	168	193	174	175	183	90
1978	191	184	245	191	226	241	256	185	208	202	205	226	210	185	217	211	95
1979	229	207	258	206	249	235	246	194	215	178	223	280	239	192	257	241	97
1980 <sup>4</sup>	257	240	317	220	247	207	210	199	216	249	241	262	259	194	251	246	88

<sup>1</sup> Index values shown for 1966 through 1976 were revised and published June 1977 using 1971-73 weights. Some reordering of sub-indexes was introduced. Revised monthly indexes for January 1966 through May 1977 are available upon request.

<sup>2</sup> Fresh market for noncitrus, and fresh market and processing for citrus.

<sup>3</sup> Ratio of Index of Prices Received (1967 = 100) to Index of Prices Paid (1967 = 100).

<sup>4</sup> Preliminary.

Statistical Reporting Service. 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 weighted by average quantities sold during 1971-73 for the 1966-76 indexes.

#### FOOTNOTES FOR TABLE 645

<sup>1</sup> Index values shown for 1966 through 1976 were revised and published June 1977 using 1971-73 weights. Some reordering of sub-indexes was introduced. Revised monthly indexes for January 1966 through May 1977 are available upon request.

<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 Parity Index.

<sup>4</sup> Preliminary.

Statistical Reporting Service. 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 weighted by average quantities sold during 1971-73 for 1966-76 indexes. (See table 646 for data on 1967 = 100 basis.)

**Table 647.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1966-1980<sup>1</sup>**  
*[1910-14 = 100]*

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing <sup>2</sup>	Autos and auto supplies	Medical and health care <sup>2</sup>	Education, recreation, and other <sup>2</sup>	Production (all commodities)	Feed	Feeder livestock	Seed	Fertilizer	Agricultural chemicals
1966	314	323	375	327	338	320	315	289	216	396	234	149	274
1967	320	322	392	333	346	342	323	290	213	386	238	147	277
1968	334	331	416	345	363	363	337	290	200	402	247	138	279
1969	348	348	442	355	377	388	352	302	204	453	252	128	275
1970	363	368	467	361	392	413	371	313	216	472	267	129	270
1971	379	375	487	376	415	440	387	328	224	483	294	134	274
1972	394	395	512	393	428	455	401	351	226	575	321	138	284
1973	426	460	559	424	452	472	412	424	342	742	397	150	292
1974	484	531	637	496	530	513	438	481	414	570	512	246	329
1975	533	574	682	558	595	576	474	528	399	517	582	320	443
1976	563	589	739	592	639	631	495	559	408	594	574	272	481
1977	<sup>3</sup> 573	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	579	398	611	621	266	434
1978	616	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	628	390	853	650	265	407
1979	683	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	720	436	1,129	681	287	415
1980	776	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	802	491	1,084	736	357	443

  

Year	Production indexes—Continued							In-terest	Taxes	Wage rates <sup>6</sup>	Pro-duction, in-terest, taxes, and wage rates	Com-modities, in-terest, taxes, and wage rates <sup>7</sup>
	Fuels and energy	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent <sup>5</sup>					
1966	175	265	470	487	437	399	.....	435	795	785	351	335
1967	177	268	491	507	455	405	.....	486	849	847	356	341
1968	178	272	525	531	476	430	.....	545	932	919	364	349
1969	181	279	552	564	501	457	.....	607	1,020	1,011	381	366
1970	185	290	587	590	526	458	.....	665	1,095	1,083	398	382
1971	190	298	645	619	556	491	328	725	1,158	1,139	417	400
1972	191	305	673	651	590	530	357	796	1,206	1,205	447	425
1973	204	320	714	695	633	594	396	945	1,236	1,314	532	491
1974	281	392	793	816	725	733	482	1,139	1,305	1,506	605	558
1975	313	450	940	990	895	835	578	1,329	1,400	1,627	665	613
1976	331	439	1,043	1,102	1,025	871	621	1,519	1,515	1,781	709	653
1977	357	441	1,151	1,205	1,120	928	674	1,744	1,612	1,915	743	689
1978	376	458	1,218	1,315	1,211	1,001	720	2,055	1,608	2,053	808	747
1979	488	506	1,343	1,466	1,332	1,099	872	2,509	1,725	2,247	930	850
1980	672	592	1,417	1,640	1,483	1,185	960	3,115	1,830	2,426	1,039	955

<sup>1</sup> Index values for 1965 through 1975 were revised and published in May 1976 using 1971-73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965 to April 1976 are available upon request.

<sup>2</sup> Based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>3</sup> Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>4</sup> Discontinued.

<sup>5</sup> New index; values for years prior to 1971 are not available.

<sup>6</sup> Simple average of seasonally adjusted quarterly indexes.

<sup>7</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.

**Table 648.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1966–80<sup>1</sup>**  
 [1967 = 100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing	Autos and auto supplies	Medical and health care <sup>2</sup>	Education, recreation, and other <sup>2</sup>	Production (all commodities)	Feed	Feeder livestock	Seed	Fertilizer	Agricultural chemicals
1966	98	100	96	98	98	93	97	100	101	103	98	102	99
1967	100	100	100	100	100	100	100	100	100	100	100	100	100
1968	104	103	106	104	105	106	104	100	94	104	104	94	101
1969	109	108	112	107	109	113	109	104	96	117	106	87	100
1970	114	114	119	109	113	120	115	108	101	122	112	88	98
1971	118	116	124	113	120	128	120	113	105	125	124	91	100
1972	123	123	131	118	124	132	124	121	106	149	135	94	103
1973	133	143	143	127	130	137	127	146	160	192	167	102	105
1974	151	165	162	149	153	149	135	166	194	148	215	167	119
1975	166	178	174	168	172	167	147	182	187	134	245	217	160
1976	176	183	188	178	184	184	153	193	191	154	241	185	174
1977	181	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	200	186	158	261	181	157
1978	194	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	217	183	221	273	180	147
1979	215	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	249	204	293	286	196	150
1980	245	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	276	230	281	309	243	160

  

Year	Production indexes—Continued							Interest	Taxes	Wage rates <sup>6</sup>	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates
	Fuels and energy	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent <sup>5</sup>					
1966	98	99	96	96	96	99	90	94	93	99	99	
1967	100	100	100	100	100	100	100	100	100	100	100	
1968	101	102	107	104	104	106	112	110	108	102	103	
1969	102	104	112	111	110	113	125	120	119	107	108	
1970	104	108	120	116	116	113	137	129	128	112	112	
1971	107	111	131	122	122	121	149	136	134	117	118	
1972	108	114	137	128	130	131	164	142	142	125	125	
1973	116	120	145	137	139	147	136	145	155	149	144	
1974	159	147	161	161	159	181	166	234	154	178	164	
1975	177	168	191	195	197	206	199	273	165	192	180	
1976	187	164	212	217	225	215	214	312	178	210	199	
1977	202	165	234	238	246	229	232	358	190	226	209	
1978	212	171	248	259	266	248	248	422	189	242	227	
1979	276	189	273	289	293	272	272	515	203	265	261	
1980	380	221	289	323	326	293	300	640	216	287	292	

<sup>1</sup> Index values for 1966 through 1975 were revised and published in May 1976 using 1971–73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965–April 1975 are available upon request.

<sup>2</sup> Based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>3</sup> Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>4</sup> Discontinued.

<sup>5</sup> New index; values for years prior to 1971 are not available.

<sup>6</sup> Simple average of seasonally adjusted quarterly indexes.

Statistical Reporting Service.

Table 649.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1977-80<sup>1,2</sup>

Commodity and unit	1967	1977	1978	1979	1980
<b>Building materials:</b>					
Framing lumber, 2 by 4 inches, per 1,000 board feet:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Pine, Standard and better <sup>3</sup>	135.00	307.00	353.00	382.00	365.00
Fir, Standard and better <sup>3</sup>	150.00	346.00	393.00	430.00	404.00
Boards, per 1,000 board feet:					
Rough, for farm fences and construction <sup>4</sup>	139.00	371.00	401.00	455.00	467.00
Dressed, 1-inch, S4S, standard and better or No. 2 and better	169.00	436.00	504.00	580.00	600.00
Shiplap, pine, per 1,000 board feet:					
Standard and better or No. 2 and better	142.00				
Drop-siding, per 1,000 board feet:					
Pine, C and better	207.00	522.00			
Flooring, per 1,000 board feet:					
Yellow pine, B and better	228.00	556.00			
Oak Select	294.00	656.00			
Doors flush, hollow-core, each	8.74	16.20			
House windows, D.H. Unit with frames and sashes	24.20	48.70			
Nails, 8d, common, per pound	.180	.487	.502	.538	.610
Screen wire, galvanized, 16-mesh, 30-inch width, per linear foot	.236	.405			
Roofing, galvanized steel, per 100 square feet	13.30	32.10	34.20	37.20	39.70
Asbestos siding shingles, per square	22.20	45.30			
Gypsum board, ½ inch, per 1,000 square feet	59.80	92.20			
Shingles, asphalt, per square	9.33	21.70	23.70	26.30	30.70
Insulating sheathing, (asphalt-treated) regular density, ½-inch, per sheet 4 feet by 8 feet <sup>5</sup>	89.00	110.00	126.00	4.17	4.15
Bricks, common, per 1,000	63.20	134.00			
Drainage tile, 4-inch:					
Concrete, per foot	.153				
Concrete blocks, per 100	27.10	54.90	60.60	68.10	76.40
Portland cement, per 94 pounds	1.61	3.67	4.05	4.58	5.07
Paint, house, exterior, per gallon	6.63	12.20	12.60	13.50	14.50
Barbed wire, 2-point, per spool of 80 rods	10.00	27.00	27.70	30.40	33.20
Barbed wire, 4-point, per spool of 80 rods	11.10	30.00	30.60	33.70	37.00
Posts, wood, farm line fence, each	.889	2.05	2.24	2.63	3.56
Posts, steel, each	1.16	2.32	2.37	2.58	2.88
Staples, fence, per pound	.199	.526	.546	.592	.675
Woven wire fencing, 32-inch, per 20-rod roll	24.00	56.40	60.00	67.10	75.30
Iron pipe, galvanized, 1½-inch, I.D., per foot <sup>6</sup>	.472	1.28	1.35	1.50	1.67
Plastic tubing, 1-inch, I.D., per foot <sup>7</sup>	.137	.199	.211	.224	.472
<b>Fuels and energy:</b>					
Fuel, per gallon:					
Diesel fuel	.168	.449	.462	.683	.988
Gasoline, service station, unleaded regular <sup>8</sup>	.330	.610	.651	.878	1.240
Gasoline, bulk delivery, leaded regular <sup>9</sup>	.282	.569	.597	.801	1.150
Furnace or fuel oil	.166	.462	.483		
L. P. gas, bulk delivery <sup>10</sup>	.145	.389	.404	.441	.619
Kerosene	.195				
Electricity, per kilowatt hour	.0217	.0368	.0398	.0424	.0472
<b>Motor supplies:</b>					
Grease, 35 lb. pail	8.12	15.20	16.80	19.40	25.00
Motor oil, per gallon:					
All weather, high detergent	1.92	2.95	3.11	3.95	4.38
Heavy duty, detergent	1.61	2.56	2.70	2.99	3.90
Regular, nondetergent	1.27	2.17	2.31	2.60	3.46
Spark plugs, each	.927	1.39	1.44	1.58	1.69
Storage batteries, CPR 220-310 amps, each <sup>11</sup>	21.50	37.00	39.50	45.50	51.90
<b>Tires:</b>					
Auto tires, bias-belted const., G78-15, tubeless, each		43.00	43.40	45.90	51.00
Auto tires, radial, steel-belted, P/195/75R14/ER78-14 tubeless, each <sup>12</sup>		66.00	66.40	69.50	76.20
Truck tires, 7.50-20, 10-ply, each	63.70	87.00	90.10		
Truck tires, 9.00-20, 10-ply, each				140.00	163.00
Tractor tires, rear, 15.5-38, 6-ply, each				244.00	286.00
Tractor tires, rear, 18.4-34, 6-ply, each		280.00	284.00	311.00	366.00

See footnotes at end of table.

Table 649.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1977-80<sup>1,2</sup>—Continued

Commodity and unit	1967	1977	1978	1979	1980
<b>Motor vehicles:</b>					
<b>Autos, 4-door sedans:</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Compact <sup>13</sup> .....		5,220.00	5,460.00	6,290.00	7,255.00
Intermediate size <sup>14</sup> .....		5,720.00	6,170.00	6,810.00	7,645.00
Low-priced standard size <sup>15</sup> .....	3,170.00	5,940.00			
Medium-priced standard size <sup>16</sup> .....		6,350.00			
Standard <sup>17</sup> .....		6,540.00	6,870.00	7,600.00	8,425.00
<b>Trucks:</b>					
2-ton, cab and chassis, each <sup>18</sup> .....	3,620.00	9,180.00	10,500.00	12,400.00	14,250.00
¾-ton pickup <sup>19</sup> .....	2,350.00	5,800.00	6,310.00	7,020.00	7,515.00
<b>Tractors:</b>					
Wheel, 30-39 maximum P.T.O. horsepower, each .....	3,700.00	7,070.00	7,690.00	8,460.00	9,323.00
Wheel, 50-59 maximum P.T.O. horsepower, each .....	5,440.00	10,000.00	10,900.00	12,000.00	13,433.00
Wheel, 90-99 maximum P.T.O. horsepower, each .....		19,000.00			
<b>Farm machinery:</b>					
Plows, moldboard, 3-bottom, each .....	606.00	1,660.00	1,620.00	1,790.00	2,035.00
Plows, moldboard, 5-bottom, each .....		3,800.00	4,110.00	4,740.00	5,335.00
Plows, moldboard, 7-bottom, each .....		5,600.00	6,290.00	7,150.00	8,135.00
Disk harrows, tandem 16-ft., each .....		4,660.00	5,030.00	5,510.00	6,175.00
Disk harrows, tandem, 19-ft., each .....		5,840.00	6,350.00	7,160.00	8,020.00
Cultivators, 4-row, tractor, each .....	840.00	1,760.00	1,850.00	1,960.00	2,070.00
Corn planters, 4-row, plain, each .....	878.00	3,690.00	4,030.00	4,240.00	4,810.00
Grain drills, tractor-drawn, 16-tube, plain, each .....	900.00	3,060.00	3,250.00	3,650.00	4,140.00
Grain drills, tractor-drawn, 13-tube, with fertilizer attachment each .....	950.00	2,810.00	3,140.00	3,560.00	4,190.00
Mowers, tractor, 7-ft., each .....	568.00	1,230.00	1,330.00	1,520.00	1,660.00
Pick-up balers, automatic tie, P.T.O., each <sup>20</sup> .....	2,070.00	4,590.00	4,980.00	5,560.00	6,090.00
<b>Combines, self-propelled:</b>					
Small capacity, each .....	7,050.00	27,100.00	30,800.00	33,700.00	
Medium capacity, each .....	8,580.00	35,400.00	39,300.00	44,200.00	48,350.00
Large capacity, each .....	9,840.00	45,600.00	51,500.00	59,500.00	67,750.00
Corn picker-huskers, 2-row, each .....	3,280.00	7,600.00	8,310.00	9,040.00	10,100.00
Farm wagons, without box and tires, each .....	210.00	606.00	682.00	740.00	814.00
Power sprayers, boom type, tr. mtd., each .....	342.00	1,110.00	1,270.00	1,380.00	1,480.00
Electric motors, 1/3-horsepower, each .....		45.50	49.80	54.60	61.50
<b>Farm supplies:</b>					
Hammers, nail, 16 oz. head, with handle, each <sup>21</sup> .....	4.11	8.04	8.68	9.57	10.90
Pitchfork, 4-tine, each .....	5.67	11.20	12.40	13.90	15.40
Hoes, 7-inch blade, each .....	2.90	6.32	6.88	7.63	8.37
Milk pails, 12 quarts, each .....	2.72	4.85	5.18	5.62	4.81
Rope, manila, ½-inch, per 100 feet <sup>22</sup> .....	8.90	18.20	18.80	19.90	21.60
Baler twine, per 40-pound bale .....	8.80	14.50	14.80	16.50	24.00
New baskets, round stave, bushel, with cover, per dozen .....	5.83	11.40	12.50	13.90	15.70
<b>Farm services:</b>					
Telephone, per month .....	5.15	9.62	10.30	10.60	10.80
<b>Fertilizer:</b>					
<b>Mixed fertilizer:</b>					
0-20-20, per ton .....	65.60	118.00	121.00	139.00	166.00
3-9-9, per ton .....	60.10	116.00	117.00	127.00	149.00
4-8-12, per ton .....	55.00	117.00	117.00	125.00	148.00
4-12-24, per ton .....		114.00	116.00	130.00	160.00
5-10-10, per ton .....	51.40	99.50	98.80	113.00	136.00
5-10-15, per ton .....	45.80	100.00	100.00	113.00	141.00
5-20-20, per ton .....	74.20	128.00	128.00	150.00	183.00
6-24-24, per ton .....	85.00	145.00	148.00	172.00	212.00
10-10-10, per ton .....	62.60	112.00	111.00	125.00	151.00
12-12-12, per ton .....	70.40	127.00	129.00	145.00	173.00
16-20-0, per ton, ammonium phosphate .....	80.20	153.00	156.00	177.00	209.00
18-46-0, per ton .....	108.00	184.00	186.00	231.00	288.00
Nitrate of soda, per ton .....	60.10	147.00	146.00	148.00	172.00
Sulphate of ammonia, per ton .....	54.80	102.00	111.00	121.00	140.00
Ammonium nitrate, per ton .....	73.70	143.00	138.00	144.00	168.00
Superphosphate, 20% P <sub>2</sub> O <sub>5</sub> , per ton .....	42.10	102.00	106.00	117.00	131.00
Superphosphate, 46% P <sub>2</sub> O <sub>5</sub> , per ton .....	82.20	148.00			
Superphosphate, 44-46% P <sub>2</sub> O <sub>5</sub> , per ton .....			152.00	189.00	246.00
Muriate of potash, 60% K <sub>2</sub> O, per ton .....	52.20	95.30	98.20	116.00	138.00
Agricultural limestone, spread on field, per ton .....	5.18	9.97	10.50	11.60	13.50

See footnotes at end of table.

**Table 649.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1977-80<sup>1,2</sup>—Continued**

Commodity and unit	1967	1977	1978	1979	1980
<b>Livestock:</b>					
<b>Feeders and stockers:</b>					
Cattle and calves, per 100 pounds	<i>Dollars</i> 24.60	<i>Dollars</i> 37.00	<i>Dollars</i> 54.60	<i>Dollars</i> 74.80	<i>Dollars</i> 70.00
Pigs (40-60 lbs. av.), per 100 pounds	33.50	76.50	99.60	76.50	63.70
Baby chicks, straight run, per 100	11.40	16.00	16.30		
Broiler chicks, per 100				15.20	15.50
Egg-type chicks, per 100				40.90	44.80
Turkey poults, each	.557	.727	.737	.784	.815
<b>Feed:</b>					
Alfalfa hay, baled, per ton	34.10	74.20			
Other hay, baled, per ton	32.30	60.30			
Cottonseed meal, 41% protein per 100 pounds	5.35	11.40	10.70	12.10	13.20
Soybean meal, 44% per 100 pounds	5.36	12.90	11.70	13.00	13.70
Bran, per 100 pounds	3.62	7.50	7.37	8.41	9.40
Middlings, per 100 pounds	3.72	7.37	7.30	8.27	9.20
Cornmeal, per 100 pounds	3.42	5.74	5.86	6.47	7.20
Laying feed, per ton <sup>23</sup>	86.00	152.00	152.00	168.00	188.00
Broiler grower, per ton <sup>23</sup>	93.00	171.00	169.00	189.00	207.00
Chick starter, per ton <sup>23</sup>	97.00	175.00	174.00	192.00	214.00
<b>Dairy feed:</b>					
14 percent protein, per ton	69.00	133.00	129.00	145.00	164.00
16 percent protein, per ton	75.00	140.00	138.00	156.00	177.00
18 percent protein, per ton	77.00		149.00	169.00	189.00
20 percent protein, per ton	82.00		150.00	171.00	193.00
32 percent protein, per ton		208.00	203.00	229.00	248.00
Stock salt, per 100 pounds	1.70	3.51	3.89	4.31	5.11
<b>Seeds:</b>					
Barley, per bushel	2.01	4.45	4.40	4.80	5.30
Corn, hybrid, per bushel	12.90	40.00	43.00	45.50	52.50
Oats, per bushel	1.61	3.65	3.18	3.58	4.28
Potatoes, per 100 pounds	3.38	5.63	5.00	4.60	4.90
Rye, per bushel	2.48	5.20	4.90	6.20	6.60
Soybeans, per bushel	4.40	13.00	11.50	12.00	10.40
Wheat, per bushel	2.73	4.80	5.50	6.40	7.00
Grain sorghum, hybrid, per 100 pounds	19.20	41.00	43.00	41.00	45.00
Alfalfa, uncertified, per 100 pounds	50.60	156.00	166.00	178.00	178.00
Alfalfa, certified, per 100 pounds	60.20	180.00	192.00	213.00	216.00
Alsike clover, per 100 pounds	32.50	88.80	65.50		
Red clover, per 100 pounds	40.30	109.00	124.00	116.00	111.00
Sweetclover, per 100 pounds	17.20	38.50	39.00		
Lespedeza, Korean, per 100 pounds	22.40	62.50	74.00	66.00	52.00
Sudangrass, per 100 pounds	13.20	34.50	32.00	33.00	33.50
Timothy, per 100 pounds	22.30	67.50	111.00	96.00	91.50

<sup>1</sup> Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas.

<sup>2</sup> Family living surveys for food, clothing, and household furnishings were discontinued in 1977.

<sup>3</sup> No. 2 and better prior to 1971.

<sup>4</sup> Standard and better, or No. 2 and better, 1-inch random widths prior to 1978.

<sup>5</sup> "Interior insulating board" prior to 1969; "Insulating sheathing (asphalt treated)," 1969-75; per 1,000 sq. ft prior to 1979.

<sup>6</sup> "Iron pipe, galvanized, 1¼-inch diameter" prior to 1976.

<sup>7</sup> "Plastic tubing, 1-inch, per foot" prior to 1976.

<sup>8</sup> "Gasoline, regular, service station" prior to 1978; "unleaded regular" in 1978.

<sup>9</sup> "Gasoline, regular, bulk delivery" prior to 1978.

<sup>10</sup> Prior to 1977, based on annual survey made in July and August, reporting data for most recent bill, usually purchased during April, May or June.

<sup>11</sup> 54 plates, 12-volt prior to 1977.

<sup>12</sup> 205-15, GR78-15 prior to 1980.

<sup>13</sup> Current coverage includes Chevrolet Citation, Ford Granada and Plymouth Volare.

<sup>14</sup> Current coverage includes Chevrolet Malibu Classic, and Dodge Diplomat.

<sup>15</sup> Current coverage includes Chevrolet Impala, Ford LTD, and Plymouth Gran Fury Brougham.

<sup>16</sup> Current coverage includes Pontiac Catalina and Buick LeSabre.

<sup>17</sup> Current coverage includes Chevrolet Impala, Ford LTD and Buick LeSabre Limited.

<sup>18</sup> Coverage includes Ford and Chevrolet.

<sup>19</sup> Coverage includes Ford, Chevrolet, and Dodge, also included International prior to 1976. Size was 1½-ton prior to 1974.

<sup>20</sup> "Conventional size bales, under 200 lbs." added in 1976.

<sup>21</sup> "Hammers, nail, with handle, each" prior to 1976.

<sup>22</sup> "Rope, manila, per pound" prior to 1977.

<sup>23</sup> Specifications call for "complete feed."

Table 650. — Agricultural commodity support

Commodity and unit	1966	1967	1968	1969	1970	1971	1972
MANDATORY <sup>3</sup>							
Basic commodities:							
Corn:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Support level <sup>4</sup> . . . . . bushel . . . . .	1.30	1.35	1.35	1.35	1.35	1.35	1.41
Loan rate . . . . . do . . . . .	1.00	1.05	1.05	1.05	1.05	1.05	1.05
Cotton:							
American upland: <sup>6</sup>							
Support level <sup>4</sup> . . . . . pound . . . . .	.3042	.3178	.3249	.3498	.3705	.3500	.3585
Loan rate <sup>7</sup> . . . . . do . . . . .	.2100	.2025	.2025	.2025	.2025	.1950	.1950
Extra-long staple:							
Support level <sup>4</sup> . . . . . do . . . . .	.4925	.4700	.4869	.4888	.4979	.5109	.5135
Loan rate . . . . . do . . . . .	.4925	.4700	.4000	.4000	.4050	.3840	.3850
Peanuts . . . . . do . . . . .	.1135	.1135	.1201	.1238	.1275	.1342	.1425
Rice:							
Support level <sup>4</sup> . . . . . cwt . . . . .	4.50	4.55	4.60	4.72	4.86	5.07	5.27
Loan rate . . . . . do . . . . .							
Wheat:							
Support level <sup>4</sup> . . . . . bushel . . . . .	2.57	2.61	2.63	2.77	2.82	2.93	3.02
Loan rate . . . . . do . . . . .	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Tobacco:							
Flue-cured, types 11-14 . . . . . pound . . . . .	.588	.599	.616	.638	.666	.694	.727
Fire-cured, types 21-23 . . . . . do . . . . .	.411	.419	.431	.446	.466	.485	.508
Burley, type 31 . . . . . do . . . . .	.606	.618	.635	.658	.686	.715	.749
Maryland, type 32 . . . . . do . . . . .							
Dark air-cured, types 35-36 . . . . . do . . . . .	.366	.373	.383	.397	.414	.431	.452
Virginia sun-cured, type 37 . . . . . do . . . . .	.366	.373	.383	.397	.414	.431	.452
Cigar filler, Puerto Rican, type 46 . . . . . do . . . . .	.315	.321	.330	.342	.356	.371	.389
Cigar binder, types 51-52 . . . . . do . . . . .	.420	.428	.440	.455	.475	.495	.519
Ohio-Miami filler, types 42-44 . . . . . do . . . . .	.303	.309	.317	.329	.343	.358	.375
Nonbasic commodities:							
Butterfat . . . . . do . . . . .	.680	.680	.660	.686	.715	( <sup>9</sup> )	.....
Milk for manufacturing . . . . . cwt . . . . .	4.00	4.00	4.28	4.28	4.66	4.93	4.93
Honey, wholesale, extracted . . . . . pound . . . . .	.114	.125	.125	.130	.130	.140	.130
Mohair . . . . . do . . . . .	.758	.764	.774	.774	.802	.802	.802
Tung nuts . . . . . ton . . . . .	63.34	63.34	64.22	68.25	70.85	73.45	74.74
Wool . . . . . pound . . . . .	.65	.66	.67	.69	.72	.72	.72
Barley: <sup>10</sup>							
Support level <sup>4</sup> . . . . . bushel . . . . .	1.00	.90	.90	1.03	1.03	<sup>11</sup> .81	1.10
Loan rate . . . . . do . . . . .	.80	.90	.90	.83	.83	.81	.86
Sorghum grain: <sup>10</sup>							
Support level <sup>4</sup> . . . . . cwt . . . . .	2.05	2.14	2.14	2.14	2.14	2.21	2.39
Loan rate . . . . . cwt . . . . .	1.52	1.61	1.62	1.61	1.61	1.73	1.79
Oats <sup>10</sup> . . . . . bushel . . . . .	.60	.63	.63	.63	.63	.54	.54
Rye <sup>10</sup> . . . . . do . . . . .	1.02	1.02	1.02	1.02	1.02	.89	.89
NONMANDATORY							
Nonbasic Commodities:							
Beans, dry edible . . . . . cwt . . . . .	6.33	6.37	6.38	6.39	6.40	6.40	6.40
Cottonseed <sup>13</sup> . . . . . ton . . . . .	48.00	48.00	48.00	37.00	37.00	( <sup>12</sup> )	( <sup>12</sup> )
Flaxseed . . . . . bushel . . . . .	2.90	2.90	2.90	2.75	2.50	2.50	2.50
Soybeans . . . . . do . . . . .	2.50	2.50	2.50	2.25	2.25	2.25	2.25

<sup>1</sup> National averages during the marketing years for the individual crops, beginning in the years shown.

<sup>2</sup> Support level for 1974, 1975, 1976, 1977, 1978, and 1979 represents the statutory established price (the so-called target price) except for extra-long staple cotton.

<sup>3</sup> Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

<sup>4</sup> Represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.

<sup>5</sup> Preliminary.

<sup>6</sup> 1-inch middling.



prices per unit, United States, 1966-81<sup>1</sup>

1973	1974 <sup>2</sup>	1975 <sup>2</sup>	1976 <sup>2</sup>	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>	1981
<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>
1.64	1.38	1.38	1.57	2.00	2.10	2.20	2.35	2.40
1.05	1.10	1.10	1.50	2.00	2.00	2.00	2.25	2.40
.4152	.3800	.3800	.4320	.4780	.5200	.5770	.5840	.7087
.1950	.2526	.3427	.3712	.4258	.4800	.5023	.4800	.5246
.5421	.6058	.7410	.7475	.7670	.8320	.9295	.9350	.9900
.3820	.4972	.6774	.7324	.7670	.8320	.9295	.9350	.9900
.1642	.1830	.1972	.2070	.2153	.2100	.2100	.2275	.2275
6.07	7.54	8.52	8.25	8.25	8.57	9.05	9.49	10.68
3.39	2.05	2.05	2.29	2.90	3.40	3.40	3.63	3.81
1.25	1.37	1.37	2.25	2.25	2.35	2.50	3.00	3.20
.766	.833	.932	1.060	1.138	1.210	1.293	1.415	1.587
.535	.582	.652	.741	.795	.846	.904	.989	1.110
.789	.858	.961	1.093	1.173	1.247	1.333	1.459	1.636
.476	.518	.580	.659	.707	.752	.804	.880	.987
.476	.518	.580	.659	.707	.752	.804	.880	.987
.410	.446	.499	.567	.609	.647	.692	.757	.849
.546	.594	.665	.756	.812	.863	.923	1.010	1.133
.395	.429	.480	.546	.586	.623	.667	.729	.818
5.29	6.57	7.24	8.13	9.00	9.87	11.49	12.36	13.10
.161	.206	.255	.294	.327	.368	.439	.503	.574
.802	.802	.802	.802	1.498	1.647	1.943	2.903	.....
74.75	80.60	79.95	80.00	.....	.....	.....	.....	.....
.72	.72	.72	.72	.99	1.08	1.15	1.23	1.35
1.27	1.13	1.13	1.28	1.39	2.25	2.40	2.55	2.60
.86	.90	.90	1.22	1.63	1.63	1.71	1.83	1.95
2.61	2.34	2.34	2.66	2.89	4.07	4.11	2.50	2.55
1.79	1.88	1.88	2.55	2.70	3.39	3.57	2.14	2.28
.54	.54	.54	.72	1.03	1.03	1.08	1.16	1.24
.89	.89	.89	1.20	1.70	1.70	1.79	1.91	1.91
6.40	6.40	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
2.50	2.50	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	4.50	4.50	4.50	4.50
2.25	2.25	( <sup>12</sup> )	2.50	3.50	4.50	4.50	5.02	5.02

<sup>1</sup> Subsequent to 1970, loans are made on net weight basis rather than gross weight basis.

<sup>2</sup> Target level for wheat planted within allotment was \$2.90; target level of \$2.47 for unplanted allotment acreage.

<sup>3</sup> Suspended since 1971.

<sup>4</sup> Grade No. 2 or better except for oats which is Grade No. 3.

<sup>5</sup> Payment rate dropped; support level and loan rate are the same.

<sup>6</sup> No support program.

<sup>7</sup> For ginner's purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginner's normal handling costs

Agricultural Stabilization and Conservation Service.

Table 651.—Farm income: Gross and net income from farming, United States, 1966–80

Year	Gross income									Production expenses	Net income of farm operators	
	Cash receipts			Nonmoney and other farm income					Total		Current dollars	1967 dollars
	Farm marketings	Government payments	Total	Home consumption	Imputed rent	Other farm income	Change in inventory	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>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	
1966 .....	43,435	3,277	46,712	824	2,599	416	-83	3,756	50,468	36,508	13,960	14,362
1967 .....	42,817	3,079	45,896	736	2,747	484	657	4,624	50,520	38,181	12,339	12,339
1968 .....	44,183	3,462	47,645	719	2,838	521	124	4,202	51,847	39,525	12,322	11,825
1969 .....	48,179	3,794	51,973	731	3,046	559	99	4,435	56,408	42,115	14,293	13,397
1970 .....	50,539	3,717	54,256	751	3,019	543	6	4,319	58,575	44,424	14,151	12,168
1971 .....	52,859	3,145	56,004	732	3,226	641	1,397	5,996	62,000	47,367	14,633	12,063
1972 .....	61,190	3,961	65,151	831	3,474	663	861	5,829	70,980	52,315	18,665	14,896
1973 .....	87,068	2,607	89,675	1,104	3,913	813	3,406	9,236	98,911	65,562	33,349	25,056
1974 .....	92,449	531	92,980	1,295	4,687	989	-1,611	5,360	98,340	72,210	26,130	17,691
1975 .....	88,209	807	89,016	1,269	5,420	1,233	3,400	11,322	100,338	75,863	24,475	15,183
1976 .....	94,780	734	95,514	1,334	5,973	1,357	-2,366	6,298	101,812	83,130	18,682	10,957
1977 .....	96,289	1,819	98,108	970	7,074	1,561	971	10,576	108,684	90,293	18,391	10,133
1978 .....	112,924	3,030	115,954	1,060	8,248	1,710	572	11,589	127,544	101,087	26,458	13,540
1979 .....	131,916	1,375	133,291	1,234	9,915	2,129	5,345	18,623	151,914	119,217	32,697	15,040
1980 <sup>1</sup> .....	136,431	1,286	137,717	1,154	11,425	2,217	-1,997	12,799	150,516	130,656	19,860	8,047

<sup>1</sup> Preliminary.

Economic Research Service.

Table 652.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1966–80

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Eggs	Broilers and farm chickens	Turkeys and other poultry <sup>1</sup>	Wool	Other livestock and products <sup>2</sup>	Total livestock and other products
	<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>	<i>Million dollars</i>	<i>Million dollars</i>
1966	10,430	4,169	333	5,533	2,106	1,471	569	101	314	25,026
1967	10,550	3,809	302	5,742	1,765	1,314	543	75	283	24,383
1968	11,264	3,795	315	5,957	1,893	1,415	490	72	286	25,487
1969	12,572	4,742	343	6,196	2,212	1,635	530	70	273	28,573
1970	13,633	4,508	334	6,525	2,110	1,564	576	57	256	29,563
1971	15,043	4,153	319	6,811	1,794	1,583	586	31	263	30,583
1972	18,246	5,376	352	7,135	1,820	1,752	630	56	303	35,670
1973	22,410	7,604	389	8,080	2,975	2,906	1,054	120	398	45,936
1974	17,819	6,975	370	9,445	2,881	2,568	808	79	414	41,359
1975	17,524	7,883	385	9,923	2,814	3,063	933	54	480	43,059
1976	19,302	7,261	392	11,428	3,136	3,058	969	73	493	46,112
1977	20,225	7,281	386	11,752	2,918	3,239	1,059	77	701	47,639
1978	28,248	8,753	453	12,690	2,953	3,851	1,326	76	863	59,213
1979	34,399	9,027	474	14,659	3,317	4,189	1,400	91	967	68,522
1980 <sup>3</sup>	31,173	8,920	471	16,598	3,248	4,431	1,458	93	1,013	67,405

  

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts	Vegetables <sup>4</sup>	Other crops <sup>5</sup>	Total crops <sup>6</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>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1966	2,373	4,334	1,588	2,703	1,211	1,747	2,612	1,841	18,409
1967	2,361	4,393	1,095	2,795	1,391	1,817	2,680	1,902	18,434
1968	2,088	4,311	1,316	2,845	1,173	2,043	2,893	2,027	18,696
1969	2,215	4,576	1,364	3,049	1,296	2,171	2,842	2,093	10,606
1970	2,542	5,109	1,254	3,590	1,388	2,070	2,814	2,209	20,976
1971	2,485	5,525	1,487	3,789	1,328	2,311	3,011	2,340	22,276
1972	3,498	5,854	1,842	4,393	1,442	2,557	3,286	2,648	25,520
1973	7,194	10,605	2,798	7,580	1,570	3,444	4,351	3,590	41,132
1974	8,511	13,959	2,893	9,965	2,097	3,435	5,329	4,901	51,090
1975	7,760	12,150	2,311	7,273	2,155	3,525	5,350	4,626	46,150
1976	6,896	13,075	3,476	9,406	2,310	3,646	5,242	4,617	48,668
1977	6,055	11,906	3,470	9,722	2,331	4,613	5,638	4,915	48,650
1978	5,839	11,427	3,465	13,023	2,606	5,764	5,941	5,645	53,711
1979	9,048	14,023	4,305	14,358	2,271	6,443	6,647	6,298	63,394
1980 <sup>3</sup>	10,531	16,794	4,476	14,540	2,672	6,472	6,817	6,724	69,026

<sup>1</sup> Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs.<sup>2</sup> Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.<sup>3</sup> Preliminary.<sup>4</sup> Includes melons.<sup>5</sup> Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seeds, and flax fiber.<sup>6</sup> Totals may not add due to rounding.

Economic Research Service.

Table 653.—Farm income: Cash receipts from farming and value of home consumption, by States, 1980 (preliminary)

State	Cash receipts from farming				Value of home consumption <sup>1</sup>			Cash receipts from farming and value of home consumption	
	Farm marketings			Government pay-ment	Total	Livestock and products	Crops		Total
	Livestock and products	Crops	Total						
	<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>	
Ala . . . . .	1,140,519	695,798	1,836,317	23,029	1,859,346	14,571	10,979	25,550	1,884,896
Alaska . . . . .	4,076	7,458	11,534	194	11,728	376	89	465	12,193
Ariz . . . . .	782,704	937,500	1,720,204	5,081	1,725,285	5,590	5,922	11,512	1,736,797
Ark . . . . .	1,457,023	1,531,155	2,988,178	34,514	3,022,692	19,977	6,573	26,550	3,049,242
Calif . . . . .	4,148,593	9,330,368	13,588,961	14,109	13,553,070	22,505	5,529	28,034	13,581,104
Colo . . . . .	2,219,922	965,204	3,185,126	18,012	3,203,138	20,798	915	21,713	3,224,851
Conn . . . . .	172,410	123,819	296,229	941	297,170	1,501	908	2,409	299,579
Del . . . . .	236,505	96,620	333,125	1,035	334,160	821	270	1,091	335,251
Fla . . . . .	955,937	2,848,338	3,804,275	7,043	3,811,318	9,543	7,718	17,261	3,828,579
Ga . . . . .	1,503,310	1,173,405	2,676,715	28,866	2,705,581	18,782	14,121	32,903	2,738,484
Hawaii . . . . .	81,320	128,023	439,343	711	440,054	1,123	0	1,123	441,177
Idaho . . . . .	851,513	1,155,912	2,007,425	7,901	2,015,326	8,451	1,870	10,321	2,025,647
Ill . . . . .	2,312,430	5,578,766	7,891,196	35,734	7,926,930	29,897	6,330	36,227	7,963,157
Ind . . . . .	1,661,756	2,846,269	4,508,025	15,024	4,523,049	16,922	7,705	24,627	4,547,676
Iowa . . . . .	5,487,358	4,552,616	10,039,974	44,563	10,084,537	53,725	3,918	57,643	10,142,180
Kans . . . . .	3,361,761	2,524,929	5,886,690	93,251	5,979,941	24,881	4,052	28,933	6,008,874
Ky . . . . .	1,344,850	1,332,073	2,676,923	10,757	2,687,680	25,778	21,871	47,649	2,735,329
La . . . . .	458,079	1,194,789	1,652,868	19,229	1,672,097	10,724	3,456	14,180	1,686,277
Maine . . . . .	299,914	124,654	424,568	3,443	428,011	3,304	2,474	5,778	433,789
Md . . . . .	614,612	288,146	902,758	3,514	906,272	6,841	1,701	8,542	914,814
Mass . . . . .	125,572	182,952	308,524	743	309,267	1,935	803	2,738	312,055
Mich . . . . .	1,118,819	1,574,749	2,693,568	10,666	2,704,234	16,166	8,594	24,760	2,728,994
Minn . . . . .	3,303,966	2,988,358	6,292,324	69,593	6,361,917	24,384	12,582	36,966	6,398,883
Miss . . . . .	891,797	1,252,940	2,144,737	18,770	2,163,507	13,764	13,637	27,401	2,190,908
Mo . . . . .	2,181,302	1,924,162	4,105,464	78,907	4,184,371	32,246	14,311	46,557	4,230,928
Mont . . . . .	746,840	660,450	1,407,290	58,484	1,465,774	7,198	1,773	8,971	1,474,745
Nebr . . . . .	3,570,282	2,504,407	6,074,689	82,918	6,157,607	22,752	3,809	26,561	6,184,168
Nev . . . . .	157,791	75,276	233,067	1,340	234,407	2,503	140	2,643	237,050
N.H . . . . .	72,344	26,112	98,456	702	99,158	1,813	1,022	2,835	101,993
N.J . . . . .	122,311	309,375	431,686	869	432,555	2,653	801	3,454	436,009
N. Mex . . . . .	875,878	268,671	1,144,549	20,888	1,165,437	5,239	1,351	6,590	1,172,027
N.Y . . . . .	1,703,910	713,747	2,417,657	5,821	2,423,478	19,307	10,769	30,076	2,453,554
N.C . . . . .	1,436,249	2,185,070	3,621,319	13,187	3,634,506	33,344	35,016	68,360	3,702,866
N. Dak . . . . .	781,422	1,604,961	2,386,383	116,634	2,503,017	13,760	2,364	16,124	2,519,141
Ohio . . . . .	1,356,110	2,381,219	3,737,329	9,403	3,746,732	22,567	9,535	32,102	3,778,834
Okla . . . . .	2,147,030	1,083,962	3,230,992	34,890	3,265,882	23,601	2,262	25,863	3,291,745
Oreg . . . . .	537,334	1,074,480	1,611,814	5,897	1,617,711	16,882	4,193	21,075	1,638,786
Pa . . . . .	1,919,557	746,937	2,666,494	8,333	2,674,827	35,170	5,694	40,864	2,715,691
R.I . . . . .	13,318	19,191	32,509	95	32,604	246	67	313	32,917
S.C . . . . .	413,215	655,354	1,068,569	13,431	1,082,000	8,452	8,386	16,838	1,098,838
S. Dak . . . . .	1,790,038	755,580	2,545,618	65,272	2,610,890	17,152	1,948	19,100	2,629,990
Tenn . . . . .	884,681	852,453	1,737,134	18,681	1,755,815	28,603	20,304	48,907	1,804,722
Tex . . . . .	5,188,052	3,766,373	8,954,425	231,840	9,186,265	32,299	13,535	45,834	9,232,099
Utah . . . . .	383,946	140,067	524,013	5,090	529,103	6,475	1,205	7,680	536,783
Vt . . . . .	352,885	25,592	378,477	1,322	379,799	6,058	2,889	8,947	388,746
Va . . . . .	949,459	510,004	1,459,463	13,302	1,472,765	17,539	16,204	33,743	1,506,508
Wash . . . . .	846,883	1,858,498	2,705,381	9,458	2,714,839	28,524	3,644	32,168	2,747,007
W. Va . . . . .	172,371	64,373	236,744	2,489	239,233	9,833	11,455	21,288	260,521
Wis . . . . .	3,743,216	968,307	4,711,523	12,373	4,723,896	40,895	47,319	88,214	4,812,110
Wyo . . . . .	524,327	126,361	650,688	7,323	658,011	3,701	438	4,139	662,150
U.S . . . . .	67,405,497	69,025,823	136,431,320	1,285,672	137,716,992	791,171	362,501	1,153,672	138,870,664

<sup>1</sup> Value of farm products consumed directly in farm households where produced.

Economic Research Service.

Table 654.—Personal income: Total and per capita, by residence, United States, 1966–80

Year	Personal income of—					Per capita disposable personal income of—			Per capita disposable income, all sources (farm as percentage of nonfarm)
	Farm population			Nonfarm population from all sources	Total population <sup>(3)</sup>	Farm population from all sources	Nonfarm population from all sources	Total population from all sources <sup>(3)</sup>	
	From farm sources <sup>1</sup>	From nonfarm sources <sup>2</sup>	From all sources						
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>
1966 . . . . .	12,608	11,205	23,813	564,354	588,167	1,894	2,658	2,613	71.3
1967 . . . . .	11,117	11,737	22,854	607,135	629,989	1,925	2,805	2,757	68.6
1968 . . . . .	11,271	12,828	24,099	666,505	690,604	2,099	3,003	2,956	69.9
1969 . . . . .	12,927	13,929	26,856	727,817	754,673	2,332	3,195	3,152	73.0
1970 . . . . .	13,005	14,473	27,478	783,610	811,088	2,520	3,433	3,390	73.4
1971 . . . . .	13,484	15,346	28,830	839,618	868,448	2,722	3,662	3,620	74.3
1972 . . . . .	16,856	17,751	34,607	916,746	951,353	3,244	3,890	3,860	83.3
1973 . . . . .	29,230	19,690	48,920	1,016,263	1,065,183	4,700	4,297	4,315	109.4
1974 . . . . .	23,353	21,798	45,151	1,123,442	1,168,593	4,355	4,682	4,667	93.0
1975 . . . . .	21,888	22,660	44,548	1,220,415	1,264,963	4,520	5,099	5,075	88.6
1976 . . . . .	16,765	23,500	40,283	1,350,909	1,391,192	4,316	5,522	5,477	78.2
1977 . . . . .	16,950	20,986	37,936	1,500,081	1,538,017	5,328	5,972	5,954	89.2
1978 . . . . .	23,301	24,501	47,802	1,673,949	1,721,751	6,324	6,579	6,571	96.1
1979 . . . . .	28,327	26,556	54,883	1,888,876	1,943,759	7,475	7,288	7,293	102.6
1980 <sup>4</sup> . . . . .	17,446	29,205	46,651	2,113,581	2,160,232	6,553	8,042	8,002	81.5

<sup>1</sup> Includes returns from farming operations to resident farm operators for their capital, labor, and management, after deduction of farm production expenses (there is no allowance in the item "farm production expenses" for a return on investment in farm capital). Also includes farm wages and other labor income received by hired farm-resident workers.

<sup>2</sup> Includes all income received by farm residents from nonfarm sources such as wages and salaries from nonfarm employment, nonfarm business and professional income, rents from nonfarm real estate, dividends, interest, royalties, unemployment compensation, and Social Security payments.

<sup>3</sup> Revisions back to 1929 are available from Department of Commerce for these series.

<sup>4</sup> Preliminary.

Economic Research Service.

Table 655.—Farm income: Number of farms and average farm income per farm, United States, 1966–80<sup>1</sup>

Year	Number of farms	Cash receipts from farming			Gross farm income	Production expenses	Farm operator family income		
		Farm marketings	Government payments	Total			Net from farming	Off farm	Total
	<i>Thousands</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>	<i>1,000 dollars</i>
1966 . . . . .	3,257	13.3	1.0	14.3	15.5	11.2	4.3	4.3	8.5
1967 . . . . .	3,162	13.5	1.0	14.5	16.0	12.1	3.9	4.6	8.5
1968 . . . . .	3,071	14.4	1.1	15.5	16.9	12.9	4.0	5.0	9.0
1969 . . . . .	3,000	16.1	1.3	17.3	18.8	14.0	4.8	5.5	10.3
1970 . . . . .	2,949	17.1	1.3	18.4	19.9	15.1	4.8	5.9	10.7
1971 . . . . .	2,902	18.2	1.1	19.3	21.4	16.3	5.0	6.5	11.5
1972 . . . . .	2,860	21.4	1.4	22.8	24.8	18.3	6.5	7.2	13.7
1973 . . . . .	2,823	30.8	.9	31.8	35.0	23.2	11.8	8.4	20.2
1974 . . . . .	2,795	33.1	.2	33.3	35.2	25.8	9.3	9.5	18.8
1975 . . . . .	2,767	31.9	.3	32.2	36.3	27.4	8.8	9.9	18.8
1976 . . . . .	2,738	34.6	.3	34.9	37.2	30.4	6.8	11.1	17.9
1977 <sup>2</sup> . . . . .	2,456	39.2	.7	39.9	44.3	36.8	7.5	10.3	17.8
1978 . . . . .	2,436	46.4	1.2	47.6	52.4	41.5	10.9	11.5	22.4
1979 . . . . .	2,430	54.3	.6	54.9	62.5	49.1	13.5	13.7	27.1
1980 <sup>3</sup> . . . . .	2,428	56.2	.5	56.7	62.0	53.8	8.2	14.8	23.0

<sup>1</sup> Gross farm income and net income from farming includes adjustment for value of change in farm inventories. Totals may not add due to rounding. <sup>2</sup> New farm definition beginning 1977. <sup>3</sup> Preliminary.

Economic Research Service.

Table 656.—Expenses: Farm production expenses, United States, 1966–80<sup>1</sup>

Year	Feed purchased	Livestock purchased	Seed purchased <sup>1</sup>	Fertilizer and lime	Repairs and operation of capital items <sup>2</sup>	Depreciation and other consumption of farm capital <sup>3</sup>	Hired labor <sup>4</sup>	Taxes on farm property <sup>5</sup>	Interest on farm mortgage debt <sup>6</sup>	Net rent to non-operator landlords	Miscellaneous <sup>7</sup>	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1966	6,401	3,544	760	2,219	4,164	5,384	3,683	2,002	1,198	2,023	5,130	36,508
1967	6,646	3,431	814	2,429	4,409	5,781	3,723	2,122	1,325	1,882	5,619	38,181
1968	6,357	3,676	831	2,434	4,387	6,200	3,920	2,298	1,472	1,999	5,951	39,525
1969	7,100	4,225	871	2,312	4,507	6,574	4,152	2,456	1,625	2,061	6,232	42,115
1970	8,028	4,324	927	2,390	4,539	6,760	4,349	2,596	1,764	2,132	6,615	44,424
1971	8,049	5,123	1,072	2,633	4,707	7,350	4,367	2,704	1,905	2,246	7,211	47,367
1972	8,397	6,668	1,115	2,690	4,708	7,887	4,594	2,815	2,132	3,491	7,818	52,315
1973	13,224	8,065	1,617	3,354	5,229	8,945	5,232	2,886	2,495	5,679	8,836	65,562
1974	14,513	5,131	2,082	5,808	6,659	10,563	6,036	3,096	3,044	5,100	10,178	72,210
1975	12,647	4,950	2,293	6,383	7,806	12,586	6,357	3,333	3,421	4,600	11,487	75,863
1976	14,370	5,871	2,537	6,141	9,096	13,813	7,037	3,607	3,852	4,220	12,586	83,130
1977	14,054	7,033	2,904	6,142	10,121	15,342	7,813	3,940	4,365	4,058	14,521	90,293
1978	14,301	10,148	3,054	6,193	11,422	17,315	8,087	3,620	5,120	4,891	16,935	101,087
1979	17,101	12,687	3,400	6,965	13,794	19,677	9,258	3,823	6,149	5,388	20,976	119,217
1980 <sup>8</sup>	18,474	10,523	3,912	8,865	16,367	21,775	10,343	4,062	7,309	5,814	23,212	130,656

<sup>1</sup>Includes bulbs, plants, and trees. <sup>2</sup>Includes expenditures for repairs and maintenance of farm buildings and other land improvements, petroleum fuel and oil, other motor vehicle operation, and repairs on other machinery. <sup>3</sup>Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year. <sup>4</sup>Includes cash wages, perquisites, and Social Security taxes paid by employers. <sup>5</sup>Includes taxes levied against farm real estate and farm personal property. <sup>6</sup>Interest charges payable during the calendar year on outstanding farm-mortgage debt. <sup>7</sup>Includes interest on nonreal estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (including blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apiary, and other miscellaneous. <sup>8</sup>Preliminary.

Economic Research Service.

Table 657.—Labor: Total hours used for farm work, by enterprise groups, United States, 1966–80

Year	Livestock and livestock products					Crops									
	All farm work <sup>1</sup>	All <sup>2</sup>	Meat animals <sup>3</sup>	Milk cows	Poultry <sup>4</sup>	All crops <sup>5</sup>	Feed grains <sup>6</sup>	Hay and forage <sup>7</sup>	Food grains <sup>8</sup>	Vegetables <sup>9</sup>	Fruits and nuts <sup>10</sup>	Sugar crops <sup>11</sup>	Cotton	Tobacco	Oil crops <sup>12</sup>
1966	6,858	2,828	1,092	1,133	438	3,142	496	372	173	404	429	82	308	440	210
1967	6,677	2,706	1,078	1,039	426	3,104	517	356	203	406	446	75	240	409	223
1968	6,416	2,571	1,050	961	399	3,013	481	343	196	408	432	77	267	350	229
1969	6,198	2,423	1,008	876	380	2,973	469	339	172	371	480	78	265	341	229
1970	5,896	2,344	997	817	373	2,788	425	339	152	359	452	74	244	308	205
1971	5,741	2,239	962	767	354	2,757	438	338	166	349	471	70	232	263	200
1972	5,433	2,108	905	720	328	2,621	376	311	166	346	435	75	239	241	202
1973	5,321	1,964	850	661	300	2,667	386	310	178	351	477	69	188	245	234
1974	5,178	1,850	812	612	274	2,657	369	298	212	357	470	66	183	261	211
1975	4,990	1,700	730	569	251	2,644	376	287	222	355	491	73	106	286	219
1976	4,807	1,609	693	531	236	2,576	376	285	226	338	473	69	112	271	197
1977	4,650	1,517	654	493	222	2,531	369	270	207	340	482	61	105	243	224
1978	4,448	1,414	608	449	210	2,459	353	262	186	336	477	60	80	235	240
1979	4,348	1,332	573	408	204	2,453	347	254	195	336	493	56	80	200	262
1980 <sup>13</sup>	4,275	1,261	547	379	189	2,462	339	244	214	314	519	57	81	216	248

<sup>1</sup>Includes labor used on crops, livestock, and overhead. Farm maintenance or overhead work includes time spent on fencing, repairs to buildings, machinery and equipment, farmwoods, pastures, general land maintenance, farm business, and other miscellaneous work. <sup>2</sup>Includes wool and minor livestock which are excluded from separate enterprises shown. <sup>3</sup>Cattle and calves, sheep and lambs, and hogs. <sup>4</sup>Chickens, broilers, and turkeys. <sup>5</sup>Includes hay seeds, pasture seeds, cover-crop seeds, and minor crops which are excluded from separate crops shown. <sup>6</sup>Corn for grain, oats, barley, and sorghum grain. <sup>7</sup>All hay, corn silage, and sorghum forage and silage. <sup>8</sup>All wheat, rye, and rice. <sup>9</sup>Potatoes, sweetpotatoes, dry edible beans, dry field peas, and truck crops. <sup>10</sup>Fruits, berries, and tree nuts. <sup>11</sup>Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple products. <sup>12</sup>Soybeans, peanuts, and flaxseed. <sup>13</sup>Preliminary.

Economic Research Service.

**Table 658.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1966-78<sup>1</sup>**

Year	Number	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 or \$14,999	\$15,000 to more	\$15,000 to \$24,999	\$25,000 or more	Median income
	<i>Thousands</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>Dollars</i>
1966	2,697	6.5	10.7	12.8	21.8	19.3	15.3	9.5	4.3	.....	.....	4,841
1967	2,683	6.2	9.5	11.2	22.3	16.9	16.9	10.9	6.1	.....	.....	5,086
1968	2,630	5.4	7.3	9.9	20.3	17.2	19.4	14.0	6.4	.....	.....	5,769
1969	2,457	4.5	6.8	8.7	18.4	16.3	17.8	18.1	9.6	.....	.....	6,385
1970	2,347	5.9	6.2	7.8	16.3	15.9	18.5	17.5	12.2	.....	.....	6,773
1971	2,593	5.0	5.1	7.9	15.8	14.9	18.1	19.1	14.2	.....	.....	7,192
1972	2,513	3.6	4.0	4.6	13.9	13.1	17.8	21.0	...	16.8	5.3	8,849
1973	2,542	2.6	3.5	3.9	11.6	12.4	15.8	22.0	...	19.4	8.9	10,045
1974	2,392	7.2	4.0	9.0	11.2	15.4	20.5	...	...	22.0	10.7	10,612
1975	2,200	5.5	3.9	11.0	9.9	16.2	19.9	...	...	22.2	11.4	10,845
1976	2,184	6.7	2.9	8.6	9.8	14.1	19.5	...	...	23.5	14.9	11,663
1977	2,172	8.3	2.2	7.7	9.3	11.5	19.0	...	...	24.2	17.8	12,637
1978	2,051	5.4	2.1	5.0	7.6	10.5	18.2	...	...	28.3	23.0	15,284

**Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1979<sup>2</sup>**

Year	Number	Less than \$2,500	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$29,999	\$30,000 to \$39,999	\$40,000 or more	Median income
	<i>Thousands</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>Dollars</i>
1979	1,667	5.0	5.6	8.0	8.5	18.8	14.4	11.0	8.40	9.8	10.6	16,351

<sup>1</sup>The term "family" refers to a group of two or more persons related by blood, marriage, or adoption and residing together; all such persons are considered as members of the same family. Thus, if the son of the head of the household and son's wife are in the household, they are treated as part of the head's family. The term "farm" is the same as that used in the 1960 and 1970 censuses. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare. <sup>2</sup>The term "family" refers to a group of two or more persons related by blood, marriage, or adoption and residing together, only the primary members are considered as members of the same family. Thus, if the son of the head of the household and the son's wife are in the household, they are *not* considered a part of the head's family. The term "farm" is the same as that used in the 1975 censuses. Total money income includes net income from farm and now farm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare.

Economic Research Service. Estimates are from the annual issue of *Money Income of Families in the United States*, Bureau of the Census.

Table 659.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers used and their available plant-nutrient content, by States and possessions, years ending June 30, 1978-80

State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
Ala:					Ky:				
1978 ...	Tons 1,066,974	Tons 161,706	Tons 108,967	Tons 127,476	1978 ...	Tons 1,014,531	Tons 167,099	Tons 132,950	Tons 158,032
1979 ...	1,070,438	151,936	112,743	137,743	1979 ...	1,015,920	157,341	140,810	166,930
1980 ...	987,304	143,122	102,903	123,686	1980 ...	1,046,213	176,798	135,111	165,184
Alaska:					La:				
1978 ...	5,430	1,019	872	623	1978 ...	653,773	115,996	71,279	79,431
1979 ...	4,773	1,062	747	462	1979 ...	631,826	108,230	66,379	80,705
1980 ...	7,156	1,137	1,370	953	1980 ...	631,726	108,437	66,333	80,680
Ariz.:					Maine:				
1978 ...	302,070	93,804	29,604	1,801	1978 ...	113,330	13,346	15,003	15,673
1979 ...	320,549	92,995	35,335	3,621	1979 ...	110,028	13,571	14,713	15,120
1980 ...	374,353	115,610	38,785	515	1980 ...	101,515	12,615	13,278	13,615
Ark.:					Md:				
1978 ...	642,876	135,042	66,077	86,118	1978 ...	418,620	58,111	50,337	61,059
1979 ...	664,894	141,154	69,119	85,419	1979 ...	454,913	66,522	54,639	67,413
1980 ...	761,718	173,025	65,821	93,594	1980 ...	445,300	65,574	47,487	61,267
Calif.:					Mass.:				
1978 ...	3,780,391	544,719	203,530	73,631	1978 ...	86,503	11,501	7,644	8,552
1979 ...	4,018,908	575,095	208,648	69,437	1979 ...	70,014	10,275	6,220	7,530
1980 ...	4,470,001	649,852	220,356	82,453	1980 ...	65,741	9,092	5,462	6,380
Colo.:					Mich.:				
1978 ...	407,937	136,804	46,802	9,440	1978 ...	1,225,687	216,222	168,474	233,884
1979 ...	385,983	125,991	32,072	10,942	1979 ...	1,308,466	239,842	173,699	249,769
1980 ...	493,310	166,924	44,415	11,034	1980 ...	1,272,560	236,482	163,398	245,771
Conn.:					Minn.:				
1978 ...	59,963	7,780	5,311	5,134	1978 ...	1,966,306	491,719	274,678	358,038
1979 ...	59,966	7,556	5,284	5,136	1979 ...	2,389,626	612,371	331,842	439,291
1980 ...	59,967	7,561	5,284	5,136	1980 ...	2,313,075	617,743	302,246	406,805
Del.:					Miss.:				
1978 ...	119,958	16,494	12,784	19,196	1978 ...	791,927	168,470	77,609	92,010
1979 ...	128,960	17,655	13,602	20,637	1979 ...	753,206	150,784	73,941	94,931
1980 ...	138,682	18,326	13,935	25,063	1980 ...	745,079	157,263	73,537	86,178
D.C.:					Mo.:				
1978 ...	7,060	851	501	395	1978 ...	1,445,212	308,592	167,802	218,608
1979 ...	12,516	1,948	751	741	1979 ...	1,758,539	360,095	209,614	286,046
1980 ...	11,074	1,863	628	702	1980 ...	1,939,931	411,065	218,216	306,774
Fla.:					Mont.:				
1978 ...	1,998,828	231,905	110,951	256,432	1978 ...	249,922	53,982	59,816	5,298
1979 ...	2,224,504	258,843	127,473	288,535	1979 ...	333,834	76,382	78,997	10,292
1980 ...	2,109,813	249,569	111,409	277,387	1980 ...	280,463	64,889	57,452	8,758
Ga.:					Nebr.:				
1978 ...	2,171,534	286,794	153,337	235,884	1978 ...	1,802,979	733,774	160,434	63,811
1979 ...	2,247,506	280,606	160,462	248,505	1979 ...	1,901,298	752,313	176,145	68,789
1980 ...	2,168,607	272,716	151,025	234,464	1980 ...	2,033,489	826,266	172,627	67,727
Hawaii:					Nev.:				
1978 ...	193,745	28,785	29,952	23,324	1978 ...	27,361	5,423	1,818	242
1979 ...	181,105	26,173	25,789	28,224	1979 ...	26,897	5,796	2,084	191
1980 ...	168,306	25,093	19,232	18,901	1980 ...	29,665	4,422	2,408	254
Idaho:					N.H.:				
1978 ...	608,292	160,999	64,738	15,077	1978 ...	24,257	3,139	2,580	3,278
1979 ...	590,931	173,989	56,267	14,940	1979 ...	26,395	3,436	2,548	3,563
1980 ...	581,058	164,814	57,507	8,414	1980 ...	24,654	2,972	2,700	3,350
Ill.:					N.J.:				
1978 ...	3,608,092	792,588	454,888	662,261	1978 ...	185,020	23,225	17,505	20,987
1979 ...	4,217,959	906,122	536,952	785,320	1979 ...	196,428	25,025	18,848	22,011
1980 ...	4,497,200	1,034,127	543,582	847,030	1980 ...	198,887	24,982	18,563	22,869
Ind.:					N. Mex.:				
1978 ...	2,791,585	504,245	324,000	468,423	1978 ...	111,096	32,263	16,849	2,352
1979 ...	2,928,857	492,629	336,160	545,072	1979 ...	115,659	28,421	21,357	2,656
1980 ...	2,844,699	513,955	309,273	492,761	1980 ...	108,551	30,844	11,282	2,506
Iowa:					N.Y.:				
1978 ...	3,267,725	921,084	423,895	458,847	1978 ...	590,726	84,420	76,821	83,947
1979 ...	3,933,942	1,003,638	496,700	641,864	1979 ...	685,603	107,817	90,120	94,704
1980 ...	3,901,863	1,069,024	481,263	627,346	1980 ...	681,979	107,246	82,226	89,773
Kans.:					N.C.:				
1978 ...	1,422,811	551,458	158,404	43,351	1978 ...	1,857,027	222,283	150,037	216,532
1979 ...	1,578,331	603,892	194,503	50,081	1979 ...	1,935,407	235,170	158,643	225,966
1980 ...	1,671,281	638,527	205,490	55,457	1980 ...	1,836,507	236,347	140,973	227,671

See footnotes at end of table.



**Table 659.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1978-80—Continued**

State or possession and period	Com-mercial fertilizer	Nitro-gen (N)	Avail-able phos-phoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Com-mercial fertilizer	Nitro-gen (N)	Avail-able phos-phoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
N. Dak.:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	Utah:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1978 . . . . .	647,280	253,062	120,326	19,285	1978 . . . . .	123,516	27,744	14,801	2,559
1979 . . . . .	749,172	294,860	132,609	23,987	1979 . . . . .	115,994	29,242	13,109	866
1980 . . . . .	774,308	336,253	116,388	20,077	1980 . . . . .	126,707	32,773	10,667	624
Ohio:					Vt.:				
1978 . . . . .	1,970,945	347,186	268,700	350,859	1978 . . . . .	46,043	6,180	5,517	6,469
1979 . . . . .	2,229,229	392,344	308,833	415,913	1979 . . . . .	52,792	7,273	6,813	7,729
1980 . . . . .	2,367,710	424,700	307,630	434,873	1980 . . . . .	56,421	8,707	6,138	7,818
Okla.:					Va.:				
1978 . . . . .	689,760	243,522	85,839	32,144	1978 . . . . .	789,233	98,675	72,538	90,081
1979 . . . . .	858,850	303,610	112,720	40,646	1979 . . . . .	800,874	98,393	74,207	95,463
1980 . . . . .	868,819	308,230	113,744	39,931	1980 . . . . .	766,078	94,204	64,308	93,445
Oreg.:					Wash.:				
1978 . . . . .	509,234	122,739	42,123	26,787	1978 . . . . .	790,185	211,019	60,712	32,875
1979 . . . . .	559,780	138,373	49,322	24,618	1979 . . . . .	866,286	238,147	67,432	33,104
1980 . . . . .	587,277	151,775	45,477	25,963	1980 . . . . .	874,867	234,782	76,130	27,400
Pa.:					W. Va.:				
1978 . . . . .	664,379	98,158	91,684	90,616	1978 . . . . .	65,439	8,961	7,889	8,747
1979 . . . . .	579,046	80,938	76,123	74,653	1979 . . . . .	60,734	7,674	8,454	7,700
1980 . . . . .	576,222	85,313	71,481	75,067	1980 . . . . .	69,445	11,206	9,320	7,522
R.I.:					Wis.:				
1978 . . . . .	13,678	1,482	1,336	1,107	1978 . . . . .	1,442,700	213,979	170,269	380,974
1979 . . . . .	13,991	1,657	1,588	1,267	1979 . . . . .	1,386,583	216,387	171,511	343,999
1980 . . . . .	13,136	1,351	1,251	1,059	1980 . . . . .	1,430,760	228,375	156,462	342,499
S.C.:					Wyo.:				
1978 . . . . .	843,712	97,376	66,766	115,994	1978 . . . . .	78,864	23,874	11,668	1,526
1979 . . . . .	820,747	90,095	64,905	119,692	1979 . . . . .	76,953	26,872	7,435	682
1980 . . . . .	819,772	91,491	60,534	121,214	1980 . . . . .	70,677	24,823	6,227	712
S. Dak.:					P.R.:				
1978 . . . . .	373,386	104,551	60,797	15,427	1978 . . . . .	108,245	15,554	6,407	12,098
1979 . . . . .	399,200	116,079	60,837	17,209	1979 . . . . .	113,947	15,890	6,496	12,699
1980 . . . . .	418,316	133,087	57,991	16,457	1980 . . . . .	116,847	17,334	6,199	13,125
Tenn.:					Total:				
1978 . . . . .	797,974	119,551	111,674	134,246	1978 . . . . .	47,497,760	9,964,619	5,096,143	5,526,183
1979 . . . . .	781,554	109,421	120,636	135,475	1979 . . . . .	51,480,452	10,714,719	5,605,840	6,244,540
1980 . . . . .	775,669	118,749	108,875	129,543	1980 . . . . .	52,637,203	11,399,508	5,391,106	6,161,221
Tex.:									
1978 . . . . .	2,523,639	685,366	250,847	95,244					
1979 . . . . .	2,730,539	732,794	289,603	116,251					
1980 . . . . .	2,922,445	758,075	286,707	103,434					

<sup>1</sup> Includes Government distribution and secondary and micronutrient fertilizers, but not liming materials.

Statistical Reporting Service.

**Table 660.—Fertilizers: Quantities of commerical fertilizers consumed and their average primary plant-nutrient content, United States, 1966–80<sup>1</sup>**

Year ending June 30	Mixed fertilizers				All fertilizers containing primary nutrients				Other fertilizers <sup>2</sup>
	Quantity	Nitrogen(N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity	Nitrogen(N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	
	<i>1,000 tons</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 tons</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 tons</i>
1966	19,659	8.10	15.82	12.61	33,071	16.11	11.78	9.74	1,461
1967	21,132	8.35	16.58	13.02	35,684	16.89	12.06	10.21	1,397
1968	21,294	8.77	16.81	12.67	37,126	18.28	12.00	10.22	1,617
1969	21,234	8.95	17.54	12.53	37,614	18.50	12.41	10.34	1,334
1970	20,961	9.25	17.69	12.70	38,292	19.48	11.95	10.54	1,296
1971	21,513	9.59	18.33	13.00	39,902	20.38	12.04	10.60	1,217
1972	21,511	9.91	18.58	12.93	39,896	20.11	12.19	10.85	1,310
1973	22,547	10.21	18.79	12.76	41,822	19.83	12.16	11.12	1,466
1974	24,067	10.10	17.75	12.66	44,964	20.37	11.34	11.30	2,130
1975	20,647	10.16	17.99	12.50	40,606	21.18	11.10	10.97	1,878
1976	22,958	10.53	19.29	12.52	46,893	22.20	11.15	11.11	2,296
1977	24,099	10.58	19.87	12.78	49,099	21.69	11.47	11.88	2,525
1978	22,110	10.74	19.63	12.79	45,621	21.82	11.16	12.10	1,877
1979	23,742	10.84	20.09	12.84	49,342	21.72	11.36	12.66	2,139
1980	23,232	10.77	19.61	12.84	50,368	22.63	10.70	12.23	2,269

<sup>1</sup> Includes Alaska, District of Columbia, Hawaii, and Puerto Rico. Includes fertilizers distributed by Government agencies.

<sup>2</sup> Products that do not contain primary nutrients. Includes gypsum, but not liming materials.

Statistical Reporting Service.

**Table 661.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1978–80**

Item	Quantity			Value		
	1978	1979	1980	1978	1979	1980
Phosphate rock sold or used by producers: <sup>1</sup>						
Florida:	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Soft rock	30	29	35	559	585	622
Land pebble <sup>2</sup>	45,622	50,109	51,997	798,037	927,993	1,090,247
Tennessee <sup>3</sup>	1,861	2,359	1,835	15,153	16,485	18,401
Other States	6,251	5,995	6,297	87,629	118,454	134,027
Total	53,764	58,492	60,164	901,378	1,063,517	1,243,297
Agricultural lime and liming materials sold by producers:						
Lime from limestone:						
Quicklime <sup>4</sup>	13	10	25	339	280	967
Hydrated	65	61	54	2,985	3,021	2,800
Limestone pulverized	33,429	32,875	33,262	105,126	116,319	180,272
Calcareous marl	302	436	391	1,076	2,136	2,167
Poultry grit	2,742	2,442	2,335	17,606	19,567	20,664

<sup>1</sup> Uses include manufacture of superphosphate, phosphate, phosphoric acid, phosphorus, and ferrophosphorus; for direct application to the soil; as a fertilizer filler; stock and poultry feed; undistributed exports; and other minor uses.

<sup>2</sup> Includes North Carolina sales.

<sup>3</sup> Includes sintered matrix.

<sup>4</sup> Lime from oystershells included with quicklime from limestone.

Economic Research Service. Compiled from reports of the U.S. Department of Interior.

**Table 662.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1974–80**

Item	1974	1975	1976	1977	1978	1979	1980
	<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>
<b>PRODUCTION</b>							
Calcium arsenate	(2)	(2)	(2)	(2)	(3)	(3)	(3)
Lead arsenate	(2)	(2)	(2)	(2)	(3)	(3)	(3)
Copper sulfate	84,184	71,228	64,244	60,200	70,286	77,178	68,711
Aldrin-toxaphene group <sup>4</sup>	141,719	(2)	(2)	(2)	(3)	(3)	(3)
DDT	(2)	(2)	(2)	(2)	(3)	(3)	(3)
Methyl bromide	30,452	36,048	35,856	34,684	(3)	(3)	(3)
Methyl parathion	51,448	53,668	(2)	39,695	(3)	(3)	(3)
Parathion	(2)	(2)	(2)	(2)	(3)	(3)	(3)
Ferbam	(2)	(2)	(2)	(2)	(3)	(3)	(3)
Nabam	(2)	(2)	(2)	(2)	(3)	(3)	(3)
Zineb	(2)	(2)	(2)	(2)	(3)	(3)	(3)
2,4-D acid	(2)	(2)	(2)	(2)	(3)	12,705	(3)
2,4,5-T acid	(2)	(2)	(2)	(2)	(3)	(3)	(3)
Other organic pesticides	1,193,539	1,519,405	1,328,535	1,313,140	1,416,484	1,416,703	(3)
<b>IMPORTS</b>							
Pyrethrum flowers	305	55	180	451	208	328	342
Pyrethrum extract	565	678	697	603	390	371	383
Rotenone-bearing roots	3,943	2,214	1,796	874	1,791	1,276	1,323
<b>EXPORTS</b>							
Fungicides <sup>5</sup>	60,059	47,872	50,351	54,239	79,459	76,697	90,375
2,4-D and 2,4,5-T, acid basis <sup>6</sup>	21,602	12,598	10,733	7,846	6,524	11,979	7,528
Other herbicides	168,982	188,138	186,978	203,104	227,646	251,634	251,079
DDT	56,376	47,228	25,433	498	30,279	(3)	(3)
Other polychlor insecticides	93,703	47,839	45,966	64,315	59,131	61,859	65,639
Organophosphorus insecticides	98,565	84,819	68,696	99,553	94,869	109,618	105,335
Other agricultural insecticides	109,790	119,290	132,422	121,265	130,744	119,136	108,684
Fumigants	31,321	16,343	19,033	14,675	19,645	18,907	17,991
Disinfectants, deodorants, and germicides	15,276	12,097	13,981	14,094	18,334	12,125	13,167
Household and industrial insecticides, repellents, and rodenticides	18,099	19,609	20,296	22,249	10,451	10,825	7,741

<sup>1</sup> Preliminary.<sup>2</sup> Withheld to avoid disclosure.<sup>3</sup> Not available.<sup>4</sup> Includes the chlorinated compounds aldrin, chlordane, dieldrin, endrin, heptachlor, toxaphene, and terpene polychlorinates.<sup>5</sup> Includes copper sulfate and agricultural sulfur, which were previously listed separately.<sup>6</sup> Preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of Commerce, the International Trade Commission, the U.S. Department of the Interior, and trade sources.

**Table 663.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1971–80**

Item	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980 <sup>1</sup>
<b>Used in pesticide formulation:</b>										
Talc, soapstone, and pyrophyllite	<i>Tons</i> 63,831	<i>Tons</i> 65,465	<i>Tons</i> 43,404	<i>Tons</i> 46,963	<i>Tons</i> 41,966	<i>Tons</i> 40,368	<i>Tons</i> 22,664	<i>Tons</i> 40,000	<i>Tons</i> 46,000	<i>Tons</i> (2)
Fuller's earth	180,769	144,390	175,332	179,579	198,327	205,019	195,180	181,008	199,296	(2)
Kaolin	14,977	28,442	28,750	28,511	32,114	33,631	22,312	33,052	46,056	(2)
Bentonite	4,563	40,208	35,711	23,853	2,979	2,102	5,000	4,755	4,190	(2)
Other clays	(3)	(3)	(3)	(3)	1,348	15,551	15,450	15,666	732	(2)
<b>Used in manufacture:</b>										
Mercury	56	70	70	37	23	23	22	(2)	(2)	(2)
<b>Shipments to agriculture:</b>										
Copper sulfate	15,556	14,032	19,844	18,972	16,187	13,479	16,487	12,096	13,403	(2)
Zinc sulfate (dry basis)	13,812	8,602	8,353	8,677	3,579	3,326	6,121	8,011	12,260	(2)

<sup>1</sup> Preliminary.<sup>2</sup> Not available.<sup>3</sup> Data withheld to avoid disclosure.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of the Interior.

Table 664.—Pesticides (insecticides, fungicides, and weed killers): Average wholesale price per pound, at works, United States, 1966–1980<sup>1</sup>

Year	BHC <sup>2</sup>	Chlordane	Copper sulfate 99%	Copper sulfate, tribasic	Cube	2,4-D	2,4-D ester	DDT <sup>3</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1966	0.75	65.0	17.2	36.5	19.2	32.5	33.1	18.0
1967	.68	60.2	18.5	38.9	22.7	33.2	35.7	17.9
1968	.66	59.0	19.5	40.6	23.2	35.2	37.2	17.5
1969	.65	59.0	21.2	44.4	23.1	33.2	35.5	17.7
1970	.65	59.0	23.9	49.5	22.0	33.2	35.5	21.8
1971	.65	59.0	22.6	46.8	22.9	36.0	41.0	22.0
1972	.65	59.4	22.6	46.7	23.0	36.0	41.0	22.0
1973	.65	61.0	25.2	52.2	23.0	36.0	37.5	22.0
1974	.65	63.3	33.8	68.5	30.6	36.0	37.5	27.1
1975	.65	71.2	35.3	70.8	41.0	52.2	56.6	34.0
1976	1.82	99.6	36.6	73.3	47.9	83.0	73.0	34.0
1977	2.00	105.0	34.7	69.4	50.0	83.0	73.0	34.0
1978	2.00	105.0	35.6	71.3	50.0	83.0	73.0	34.0
1979	2.00	105.0	39.8	78.7	50.0	83.6	74.0	34.0
1980	2.00	155.0	43.7	85.6	50.0	111.5	120.1	34.0

  

Year	Lead arsenate	Lindane 99%	Lindane 25%	Methyl bromide	Parathion	Pyrethrum 1.3%	Pyrethrum 20%	2,4,5-T
	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1966	29.0	1.85	0.95	67.0	88.0	79.0	11.30	0.98
1967	30.0	1.41	.95	60.6	78.0	81.0	11.52	1.02
1968	29.2	1.30	.95	60.5	62.4	78.4	11.20	1.11
1969	26.6	1.30	.95	60.5	59.0	75.0	10.60	1.14
1970	27.5	1.30	.95	60.5	59.0	75.0	9.92	1.13
1971	27.5	1.33	.95	41.1	46.2	75.0	10.12	1.12
1972	27.5	1.37	.95	34.0	45.0	75.0	10.24	1.12
1973	27.5	1.59	.95	34.0	49.0	75.0	10.25	1.12
1974	27.5	2.04	<sup>4</sup> 1.10	34.0	51.5	85.2	11.10	1.12
1975	27.5	2.50	1.30	36.8	80.9	99.0	12.25	1.12
1976	27.5	3.32	1.30	41.0	87.0	99.0	12.25	1.12
1977	27.5	3.45	1.30	41.0	87.0	99.0	12.25	1.12
1978	27.5	3.45	1.30	41.0	87.0	99.0	12.25	2.05
1979	27.5	3.45	1.30	41.0	87.0	99.0	12.25	2.50
1980	27.5	3.45	1.30	56.4	107.4	99.0	12.25	2.50

<sup>1</sup> Average of weekly price quotations.<sup>2</sup> Gamma unit price; i.e., price per pound of 36 percent gamma material is 36 times the unit price quoted.<sup>3</sup> Price for flake or chip grades; price for powdered is 0.75 cent to 1 cent higher.<sup>4</sup> Estimated.

Agricultural Stabilization and Conservation Service. Based on data reported by the Schnell Publishing Company, Inc., in the Chemical Marketing Reporter.

## CHAPTER X

# TAXES, 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 665.—Taxes levied on farm real estate and personal property: Amount, amount per acre, index numbers of amount per acre, United States, 1966–80**

Year	Farm real estate			Farm personal property
	Amount	Taxes per acre		
		Amount	Index	
	<i>Million dollars</i>	<i>Dollars</i>	<i>1967 = 100</i>	<i>Million dollars</i>
1966	1,633.8	1.65	94	367.4
1967	1,730.5	1.76	100	385.5
1968	1,881.8	1.93	110	402.8
1969	2,038.8	2.11	120	388.3
1970	2,169.1	2.27	129	402.8
1971	2,294.1	2.40	136	409.3
1972	2,390.5	2.50	142	424.9
1973	2,450.1	2.56	145	429.3
1974	2,584.9	2.70	154	515.9
1975	2,654.9	2.90	165	558.6
1976	2,880.5	3.14	178	641.5
1977	3,038.7	3.34	190	643.8
1978	3,021.6	3.33	189	597.8
1979	3,222.5	3.57	203	590.5
1980 <sup>2</sup>	3,456.1	3.79	215	606.1

<sup>1</sup> Revised

<sup>2</sup> Preliminary.

Economic Research Service.

**Table 666.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1978 and 1979<sup>1</sup>**

State	Amount levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
			Amount		Index			
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1967=100</i>	<i>1967=100</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	7.5	10.3	0.67	0.92	156	215	0.15	0.18
Alaska	.5	.5	5.42	5.17	181	172	1.10	.92
Ariz	22.5	24.6	2.19	2.40	235	258	.84	1.13
Ark	28.6	29.3	2.01	2.08	183	189	.35	.30
Calif	181.0	183.0	6.35	6.52	98	100	.80	.67
Colo	39.2	41.7	1.25	1.34	161	172	.44	.39
Conn	7.4	7.4	18.33	18.54	182	184	.93	.86
Del	1.3	1.3	2.26	2.21	133	130	.15	.13
Fla	66.7	67.5	5.25	5.35	192	196	.63	.58
Ga	44.5	45.4	3.12	3.15	307	310	.55	.52
Hawaii	5.8	6.2	2.69	2.93	187	204	.47	.35
Idaho	33.6	30.1	2.87	2.56	201	179	.58	.47
Ill	338.6	363.3	11.75	12.61	212	227	.74	.71
Ind	88.8	110.7	5.34	6.66	131	164	.41	.44
Iowa	275.6	294.6	8.39	8.96	202	216	.66	.61
Kans	126.2	123.9	2.67	2.62	158	155	.70	.60
Ky	30.4	30.4	2.14	2.16	175	176	.32	.27
La	15.0	15.8	1.67	1.79	155	165	.25	.23
Maine	7.7	8.5	4.99	5.50	195	216	1.13	1.13
Md	16.3	16.7	6.33	6.53	161	166	.40	.36
Mass	11.3	11.3	19.85	19.76	220	219	1.60	1.48
Mich	130.9	146.3	12.92	14.71	382	435	1.50	1.54
Minn	114.3	125.7	4.15	4.56	157	173	.57	.53
Miss	17.6	17.9	1.31	1.34	166	170	.28	.26
Mo	83.0	85.7	2.80	2.89	198	205	.47	.43
Mont	46.9	53.8	.93	1.07	180	207	.54	.56
Nebr	175.2	197.7	3.92	4.44	246	278	1.01	.96
Nev	4.9	3.2	.80	.52	176	115	.76	.46
N.H	4.2	4.4	8.06	8.48	230	242	1.11	1.06
N.J	17.0	17.4	18.22	18.57	147	149	.89	.84
N. Mex	9.5	9.4	.25	.25	129	127	.25	.23
N.Y	99.9	110.0	11.19	12.56	293	329	1.90	1.95
N.C	32.7	37.7	2.95	3.43	199	232	.42	.42
N. Dak	71.7	74.3	1.78	1.85	197	204	.63	.58
Ohio	119.1	125.8	7.78	8.27	236	251	.62	.55
Okla	44.0	47.6	1.41	1.52	172	186	.34	.33
Oreg	47.2	45.6	2.87	2.79	145	140	.90	.80
Pa	61.8	62.7	8.13	8.25	225	228	.74	.66
R.I	1.5	1.6	25.85	28.10	254	276	1.33	1.32
S.C	11.5	11.7	1.93	2.00	205	212	.36	.34
S. Dak	81.9	91.7	2.12	2.37	229	256	.84	.83
Tenn	33.1	36.8	2.58	2.90	264	297	.42	.43
Tex	179.6	188.1	1.38	1.45	195	205	.43	.41
Utah	12.0	12.2	1.59	1.63	165	168	.51	.49
Vt	10.6	11.3	6.61	7.11	231	248	1.11	1.08
Va	30.5	31.5	3.33	3.48	288	301	.45	.40
Wash	54.1	55.4	4.05	4.15	230	236	.69	.63
W. Va	2.6	2.6	.75	.77	153	156	.19	.16
Wis	163.4	187.1	9.54	10.98	264	304	1.38	1.36
Wyo	12.4	14.6	.50	.59	156	183	.42	.43
U.S	3,021.6	3,232.5	3.33	3.57	189	203	.64	.60

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

Economic Research Service.

**Table 667.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1939-79**

Crop	Year	Drought	Hail	Excess moisture	Frost freeze, cold, and winter-kill	Flood	Wind	Insects	Disease	All others
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Apple	1963-79	...	16.6	...	79.6	3.8	...	...	...	...
Barley	1956-79	48.8	20.0	13.3	5.4	2.9	6.2	0.7	0.4	2.3
Bean, dry edible	1948-79	15.9	21.6	27.9	20.8	...	5.0	1.1	5.5	1.4
Cherry, red tart	1963-66	...	7.7	...	88.9	...	3.2	...	...	2
Citrus	1951-79	...	.9	...	96.5	...	2.6	...	...	0
Corn	1945-79	66.6	5.4	12.6	4.6	1.1	6.7	.7	1.7	.5
Cotton	1942-79	25.2	11.2	27.6	12.2	2.8	5.6	13.3	.6	1.5
Flax	1945-79	36.0	8.9	26.9	7.9	1.5	7.0	1.3	2.9	7.5
Forage production	1979	36.4	...	2.9	36.8	...	...	23.9	...	...
Forage seeding	1978-79	63.4	...	19.5	.8	...	.8	...	...	15.6
Grain sorghum	1969-79	46.9	10.0	11.8	9.4	.6	10.1	9.9	.6	.7
Grape	1967-79	.1	3.9	19.0	63.6	0	13.1	...	...	.3
Oat	1956-79	42.4	18.6	22.3	5.1	.2	9.0	1.0	.5	.9
Orange	1958-79	...	...	...	100.0	...	...	...	...	...
Pea, dry and green	1962-79	34.2	4.6	20.4	22.6	0	16.6	.1	.3	1.2
Peach	1957-79	...	20.7	...	76.8	...	.2	...	...	2.2
Peanut	1962-79	40.0	0	50.9	4.5	.4	1.3	.6	2.0	.2
Potato	1962-79	...	9.5	28.1	36.9	1.1	3.2	.4	19.6	1.1
Raisin	1961-79	...	...	100.0	...	...	...	...	...	...
Safflower	1964-66	52.9	41.3	2.3	...	2.7	...	...	.9	...
Soybean	1955-79	48.6	18.9	22.9	4.0	3.2	1.8	.1	.1	.3
Sugarbeet	1965-79	15.2	5.0	26.4	16.1	19.7	8.1	4.1	3.3	2.0
Sugarcane	1967-79	23.9	.7	47.2	10.0	2.1	13.8	.4	1.6	.2
Sunflower	1976-79	8.2	23.4	23.8	4.1	...	20.3	17.0	1.8	1.4
Sweet corn	1978-79	2.2	...	95.8	...	...	2.1	...	...	...
Tobacco	1945-79	22.3	15.9	36.6	2.6	1.3	11.4	.6	7.0	2.2
Tomato	1963-79	17.4	10.1	56.0	14.2	.4	.8	.3	.5	.3
Tung nut	1965-70	...	...	...	100.0	...	...	...	...	...
Wheat	1939-79	44.1	16.3	5.9	13.2	2.5	7.7	4.1	4.4	1.9
All crops	1939-79	39.9	12.1	16.8	13.8	2.1	6.8	4.3	2.8	1.4

Federal Crop Insurance Corporation.

**Table 668.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1976-80<sup>1</sup>**

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>4</sup>	Amount
Apple:	<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>
1976	8	434	5	2,934	302	217	3	416
1977	8	475	6	3,451	372	272	4	719
1978	9	657	9	6,016	618	327	5	661
1979	9	654	9	6,427	654	265	4	525
1980	10	561	8	5,520	546	n.a.	n.a.	n.a.
Barley:								
1976	199	9,789	642	21,367	1,515	2,056	107	1,989
1977	199	15,952	1,208	40,707	3,087	2,493	194	3,046
1978	209	12,913	850	28,903	2,098	805	53	840
1979	220	9,582	621	25,432	1,799	941	62	1,010
1980	232	12,935	864	44,305	3,351	n.a.	n.a.	n.a.
Bean, dry edible:								
1976	36	2,734	86	8,211	486	312	11	328
1977	36	2,192	67	6,502	390	293	10	396
1978	39	2,362	75	7,635	455	231	9	407
1979	39	2,076	63	6,463	384	70	3	129
1980	46	3,060	114	16,421	1,187	n.a.	n.a.	n.a.
Citrus:								
1976	25	4,415	80	24,671	2,287	2,213	49	6,090
1977	25	3,908	72	22,373	2,160	285	7	608
1978	25	3,562	79	25,200	2,284	1,001	17	2,302
1979	25	3,220	78	25,373	2,250	24	2	46
1980	27	3,234	81	30,552	2,620	n.a.	n.a.	n.a.

See footnotes on page 482.

Table 668.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1976-80<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>
Combined crop: <sup>4</sup>								
1976	7	2,724	506	16,548	627	219	30	286
1977	7	2,953	509	16,649	613	266	43	590
1978	7	2,641	392	13,619	488	47	( <sup>5</sup> ) 38	
1979	7	2,442	334	13,162	496	35	( <sup>5</sup> ) 33	
1980	7	3,275	372	19,006	637	n.a.	n.a.	n.a.
Corn:								
1976	639	107,809	5,832	560,722	26,186	33,090	1,901	62,803
1977	639	115,655	6,267	614,970	30,443	22,400	1,232	56,506
1978	719	102,693	5,289	564,112	28,568	3,532	167	5,650
1979	728	96,959	5,041	557,333	27,605	2,429	120	4,232
1980	924	109,594	5,558	672,923	35,070	n.a.	n.a.	n.a.
Cotton:								
1976	259	7,641	657	86,713	4,499	2,847	301	16,053
1977	259	7,263	715	90,090	5,802	1,032	87	2,724
1978	265	7,162	616	76,517	5,215	1,823	167	5,888
1979	265	7,779	732	115,423	8,106	2,387	217	11,634
1980	281	9,354	873	154,337	12,854	n.a.	n.a.	n.a.
Flax:								
1976	84	2,673	99	2,404	292	1,429	52	737
1977	84	4,414	204	5,027	654	1,404	75	939
1978	84	2,158	77	1,903	238	313	13	156
1979	84	2,488	105	2,604	337	301	14	178
1980	84	2,219	87	2,523	326	n.a.	n.a.	n.a.
Forage production:								
1979	3	65	3	330	18	13	1	12
1980	3	74	3	258	16	n.a.	n.a.	n.a.
Forage seeding:								
1978	3	44	1	46	5	15	( <sup>5</sup> ) 10	
1979	3	58	2	68	6	20	1	24
1980	3	129	2	89	7	n.a.	n.a.	n.a.
Grain sorghum:								
1976	190	12,218	641	34,642	2,103	1,860	105	1,922
1977	190	11,280	559	30,342	1,854	889	42	872
1978	229	10,643	513	27,953	1,696	1,745	112	2,476
1979	230	9,797	467	29,499	1,847	705	43	1,109
1980	281	12,494	583	41,772	3,064	n.a.	n.a.	n.a.
Grape:								
1976	8	409	8	3,687	222	23	( <sup>5</sup> ) 55	
1977	8	381	8	3,860	231	268	6	889
1978	8	392	8	3,773	238	23	( <sup>5</sup> ) 48	
1979	10	444	11	5,536	326	31	1	66
1980	11	444	11	6,004	352	n.a.	n.a.	n.a.
Oat:								
1976	265	15,010	413	10,506	666	3,783	141	1,993
1977	265	17,263	560	14,509	1,053	819	44	589
1978	330	12,425	345	8,799	636	1,024	27	339
1979	330	10,050	272	6,918	506	910	23	302
1980	361	12,050	337	10,633	840	n.a.	n.a.	n.a.
Pea, dry and green:								
1976	63	1,744	53	4,576	368	369	8	296
1977	63	1,699	80	6,447	487	479	43	1,425
1978	66	1,922	92	7,073	552	408	12	464
1979	66	1,762	82	5,821	462	189	10	279
1980	70	1,742	83	5,777	439	n.a.	n.a.	n.a.
Peach:								
1976	17	338	9	2,102	399	120	3	183
1977	17	228	6	1,398	247	71	1	124
1978	17	168	4	969	160	104	2	347
1979	17	182	7	3,683	277	12	( <sup>5</sup> ) 42	
1980	17	209	7	3,386	251	n.a.	n.a.	n.a.
Peanut:								
1976	75	9,659	187	59,173	2,918	737	15	1,431
1977	75	8,009	151	52,347	2,533	689	16	1,438
1978	80	7,735	149	49,358	2,396	304	8	676
1979	80	7,258	139	49,796	2,376	919	17	1,572
1980	99	8,091	160	67,380	3,104	n.a.	n.a.	n.a.
Potato:								
1978	3	19	1	436	21	0	0	0
1979	3	3	( <sup>5</sup> )	125	6	1	( <sup>5</sup> )	1
1980	3	1	( <sup>5</sup> )	8	( <sup>6</sup> )	n.a.	n.a.	n.a.

See footnotes on page 482.



Table 668.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1976-80<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 in-demnified <sup>4</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars		1,000 dollars	1,000 acres	1,000 dollars
Raisin:								
1976	7	784	730	8,171	229	242	<sup>a</sup> 11	2,679
1977	7	1,506	764	20,602	658	2	<sup>(*)</sup>	10
1978	7	1,292	754	17,311	551	581	<sup>a</sup> 27	6,717
1979	7	1,338	775	32,209	1,709	0	0	0
1980	7	1,489	784	39,615	1,998	n.a.	n.a.	n.a.
Rice:								
1976	30	562	62	13,159	404	43	3	217
1977	30	386	39	8,130	243	41	3	174
1978	36	468	51	11,256	322	44	6	245
1979	36	563	56	13,024	362	69	8	546
1980	51	992	93	23,334	669	n.a.	n.a.	n.a.
Rye:								
1980	3	3	<sup>(5)</sup>	3	<sup>(6)</sup>	n.a.	n.a.	n.a.
Soybean:								
1976	643	63,641	2,225	151,789	7,666	12,932	440	8,471
1977	643	75,007	2,980	206,403	10,591	4,360	184	4,096
1978	679	69,276	2,723	184,095	9,585	3,135	145	3,309
1979	679	71,420	3,144	253,793	13,326	3,435	175	5,023
1980	816	83,803	3,681	359,697	19,932	n.a.	n.a.	n.a.
Sugarbeet:								
1976	100	2,322	134	25,338	1,142	219	13	679
1977	100	2,155	148	27,976	1,297	107	6	425
1978	107	1,956	123	24,057	1,123	59	3	225
1979	107	1,591	101	20,633	941	85	5	331
1980	101	1,704	100	20,455	962	n.a.	n.a.	n.a.
Sugarcane:								
1976	13	687	41	8,081	250	85	4	160
1977	14	498	27	5,674	169	25	2	141
1978	14	288	13	2,817	82	59	3	128
1979	20	425	39	13,298	569	60	4	240
1980	20	429	43	15,356	638	n.a.	n.a.	n.a.
Sunflower:								
1976	6	376	28	1,614	96	22	1	34
1977	6	1,394	134	7,964	464	34	3	56
1978	35	4,107	358	21,192	1,307	111	8	162
1979	35	6,394	562	33,029	2,017	363	29	802
1980	78	9,730	657	46,948	3,577	n.a.	n.a.	n.a.
Sweet Corn:								
1978	2	114	6	483	31	12	1	18
1979	2	157	7	569	36	11	1	19
1980	5	150	5	365	24	n.a.	n.a.	n.a.
Tobacco:								
1976	254	95,348	384	505,482	11,985	5,696	24	10,788
1977	254	81,902	323	475,087	11,137	11,426	54	33,167
1978	256	79,955	347	530,894	12,459	2,588	10	5,292
1979	256	74,242	310	496,674	11,554	7,269	21	12,768
1980	275	87,986	409	732,799	18,210	n.a.	n.a.	n.a.
Tomato:								
1976	8	52	1	306	19	2	26	3
1977	8	44	1	389	23	3	<sup>(5)</sup>	19
1978	10	56	3	1,283	69	5	<sup>(5)</sup>	20
1979	10	50	2	596	38	15	<sup>(5)</sup>	54
1980	11	97	4	2,502	132	n.a.	n.a.	n.a.
Wheat:								
1976	748	106,418	11,458	429,920	26,163	16,998	1,707	24,627
1977	749	112,556	11,341	429,944	27,281	19,426	2,499	39,990
1978	771	96,209	9,396	376,718	22,395	8,248	669	10,847
1979	813	93,193	9,229	420,991	24,707	12,223	1,442	24,280
1980	825	140,583	12,379	698,357	45,703	n.a.	n.a.	n.a.
Total, all commodities:								
1976	3,684	447,787	23,551	1,982,116	90,824	85,514	4,944	142,240
1977	3,686	467,120	25,405	2,090,841	101,789	67,084	4,555	148,943
1978	4,010	421,217	21,520	1,992,418	93,592	26,544	1,437	47,265
1979	4,084	404,192	21,416	2,138,809	102,714	32,782	2,203	65,257
1980	4,651	506,432	26,514	3,018,322	156,509	n.a.	n.a.	n.a.

See footnotes on page 482.

**Table 669.—Farm real estate debt: Amount outstanding by farming regions, Jan. 1, 1966-81<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>
1966	1,067,935	2,194,552	4,733,371	2,132,367	1,413,936	1,264,111
1967	1,158,283	2,364,346	5,130,393	2,333,776	1,553,069	1,394,113
1968	1,237,019	2,509,539	5,707,602	2,663,688	1,709,758	1,530,585
1969	1,321,548	2,685,812	6,321,121	3,022,856	1,862,779	1,668,598
1970	1,426,304	2,845,050	6,677,534	3,216,629	2,006,238	1,810,654
1971	1,510,059	2,957,778	6,862,910	3,330,858	2,102,622	1,912,536
1972	1,629,716	3,157,213	7,231,041	3,520,437	2,248,087	2,075,400
1973	1,835,944	3,521,139	7,888,472	3,901,630	2,481,341	2,359,575
1974	2,182,926	4,010,632	9,003,827	4,408,702	2,907,534	2,883,829
1975	2,562,877	4,516,356	9,882,580	4,717,705	3,373,550	3,465,415
1976	2,752,445	4,932,545	11,046,205	5,151,318	3,839,693	3,823,082
1977	2,851,665	5,470,493	12,685,406	5,882,549	4,245,752	3,996,671
1978	3,036,785	6,290,125	14,847,091	6,718,841	4,780,254	4,471,428
1979	3,195,662	7,213,663	16,707,638	7,340,074	5,252,563	5,042,239
1980	3,875,914	8,554,612	19,238,236	8,711,165	6,249,380	5,773,723
1981 <sup>2</sup>	4,391,691	9,711,035	21,538,686	9,969,154	6,801,723	6,410,888

  

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>
1966	1,217,870	2,231,294	2,124,793	2,788,474	21,186,886
1967	1,363,294	2,398,478	2,330,782	3,032,469	23,077,186
1968	1,500,675	2,629,660	2,519,122	3,113,519	25,142,401
1969	1,659,243	2,883,875	2,732,712	3,217,441	27,397,370
1970	1,798,655	3,042,914	2,895,357	3,443,265	29,182,766
1971	1,871,531	3,131,092	3,018,002	3,623,050	30,346,083
1972	1,977,419	3,280,792	3,200,982	3,855,991	32,207,666
1973	2,187,908	3,714,396	3,562,412	4,254,778	35,757,754
1974	2,459,145	4,314,397	4,036,787	4,982,602	41,252,870
1975	2,726,595	4,916,925	4,373,794	5,686,721	46,288,419
1976	2,983,769	5,408,134	4,923,779	6,143,332	51,068,946
1977	3,297,995	5,715,707	5,409,803	6,938,445	56,559,645
1978	3,637,498	6,024,358	5,962,949	7,794,321	63,641,566
1979	3,981,790	6,377,056	6,445,261	9,194,220	70,832,666
1980	4,700,147	7,074,638	7,644,534	10,747,964	82,677,505
1981 <sup>2</sup>	5,170,665	7,864,763	8,377,684	11,653,560	92,017,878

<sup>1</sup>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.

Economic Research Service.

**Table 670.—Farm real estate debt: Amount outstanding by lender, United States, Jan. 1, 1966-81**

Year	Federal land banks <sup>1</sup>	Farmers Home Administration <sup>2</sup>	Life insurance companies <sup>3</sup>	All operating banks <sup>4</sup>	Individuals and others <sup>5</sup>	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>
1966	4,240,227	1,497,313	4,801,677	2,607,404	8,040,265	21,186,886
1967	4,914,522	1,663,067	5,213,587	2,770,010	8,516,000	23,077,186
1968	5,563,204	1,844,046	5,539,600	3,060,551	9,135,000	25,142,401
1969	6,081,229	2,054,382	5,763,500	3,333,259	10,165,000	27,397,370
1970	6,671,222	2,279,620	5,733,900	3,545,024	10,953,000	29,182,766
1971	7,145,363	2,440,043	5,610,300	3,772,377	11,378,000	30,346,083
1972	7,879,763	2,618,131	5,564,300	4,218,482	11,927,000	32,207,666
1973	9,050,067	2,835,202	5,643,300	4,792,185	13,437,000	35,757,754
1974	10,901,352	3,013,440	5,964,800	5,458,282	15,915,000	41,252,870
1975	13,402,441	3,214,857	6,297,400	5,966,273	17,407,639	46,288,419
1976	15,949,720	3,368,747	6,726,000	6,296,286	18,728,193	51,068,946
1977	18,454,578	3,657,467	7,400,200	6,781,410	20,265,990	56,559,645
1978	21,391,162	3,982,054	8,819,400	7,780,261	21,668,689	63,641,566
1979	24,619,174	4,121,038	10,478,200	8,556,539	23,057,715	70,832,666
1980	29,641,784	7,110,613	12,165,300	8,623,281	25,136,527	82,677,505
1981 <sup>6</sup>	35,944,492	7,714,928	12,927,800	8,745,242	26,685,416	92,017,878

See footnotes on page 475.

FARM REAL ESTATE DEBT

Table 671.—Farm real estate debt: Amount outstanding, by States, Jan. 1, 1960, 1965, 1970, 1975, 1980, and 1981

State	1960	1965	1970	1975	1980	1981 <sup>1</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>
Ala . . . . .	157,733	251,621	402,451	634,856	1,093,955	1,243,861
Alaska . . . . .	991	2,535	2,706	4,286	6,532	19,399
Ariz . . . . .	117,650	196,238	293,473	397,295	644,436	711,037
Arik . . . . .	261,339	449,175	721,809	1,089,211	1,842,131	1,951,549
Calif . . . . .	1,240,738	1,704,724	2,353,445	3,904,386	7,375,654	7,990,458
Colo . . . . .	242,052	397,669	651,534	1,087,265	1,899,134	2,144,761
Conn . . . . .	27,841	32,213	38,426	75,857	102,107	115,656
Del . . . . .	13,581	22,277	40,525	76,017	114,198	124,832
Fla . . . . .	240,004	419,076	614,323	1,267,807	2,017,536	2,234,365
Ga . . . . .	208,599	339,129	584,717	1,148,839	1,974,879	2,168,343
Hawaii . . . . .	7,938	11,554	17,460	61,615	100,660	108,630
Idaho . . . . .	238,527	386,156	579,894	875,059	1,562,951	1,645,093
Ill . . . . .	597,426	956,337	1,504,747	2,190,726	4,747,678	5,324,975
Ind . . . . .	433,558	691,412	1,089,451	1,656,518	3,345,373	3,723,711
Iowa . . . . .	853,428	1,345,602	2,184,660	3,140,923	5,791,666	6,596,329
Kans . . . . .	356,119	584,847	1,025,935	1,544,233	2,879,719	3,206,298
Ky . . . . .	228,361	372,290	599,255	982,398	1,858,579	2,009,314
La . . . . .	134,817	232,683	452,362	714,120	1,392,432	1,553,362
Maine . . . . .	24,072	36,019	58,369	93,976	145,368	153,622
Md. <sup>2</sup> . . . . .	85,412	132,042	225,290	376,938	583,740	666,095
Mass . . . . .	22,987	27,630	38,944	71,216	89,865	101,818
Mich . . . . .	300,938	456,411	666,770	1,066,812	1,926,654	2,144,770
Minn . . . . .	591,066	904,065	1,325,479	1,997,148	3,973,606	4,575,684
Miss . . . . .	251,220	383,686	624,484	923,264	1,465,584	1,665,754
Mo . . . . .	434,800	684,037	1,038,771	1,600,503	2,889,143	3,155,629
Mont . . . . .	197,212	364,405	632,912	976,233	1,720,919	1,894,114
Nebr . . . . .	353,726	625,436	1,099,564	1,596,989	3,012,989	3,411,806
Nev . . . . .	41,738	70,296	85,036	132,122	231,016	256,537
N.H . . . . .	8,188	11,663	18,210	32,721	49,848	52,787
N.J . . . . .	66,311	80,641	114,558	211,405	282,107	336,433
N. Mex . . . . .	132,700	196,046	278,392	377,923	640,981	696,595
N.Y . . . . .	203,676	285,843	407,812	759,288	1,068,905	1,193,444
N.C . . . . .	199,027	292,387	446,287	779,765	1,556,112	1,744,355
N. Dak . . . . .	161,913	307,276	520,291	750,006	1,430,385	1,807,748
Ohio . . . . .	384,151	590,792	859,905	1,293,910	2,464,376	2,738,042
Okla . . . . .	290,670	483,647	774,171	1,295,517	2,121,203	2,389,972
Oreg . . . . .	242,889	361,868	510,214	834,542	1,584,469	1,733,522
Pa . . . . .	199,660	284,538	403,832	724,620	1,246,490	1,432,061
R.I . . . . .	2,247	2,983	3,569	5,581	8,331	9,803
S.C . . . . .	92,923	133,187	209,163	413,913	687,353	764,319
S. Dak . . . . .	227,266	375,485	570,839	826,477	1,388,072	1,543,302
Tenn . . . . .	199,354	330,363	543,688	906,253	1,615,304	1,719,437
Tex . . . . .	941,460	1,501,828	2,268,743	3,621,408	4,953,435	5,474,791
Utah . . . . .	90,364	114,459	139,354	195,380	366,497	413,965
Vt . . . . .	37,152	51,965	76,769	137,258	184,955	205,140
Va . . . . .	132,491	209,361	345,604	584,888	1,001,147	1,098,313
Wash . . . . .	242,673	378,872	579,606	947,793	1,787,841	1,929,580
W. Va . . . . .	35,670	51,212	71,404	120,246	218,238	230,304
Wis . . . . .	433,184	614,839	852,801	1,452,396	2,654,352	2,990,581
Wyo . . . . .	94,667	155,420	234,762	341,917	578,600	615,582
U.S . . . . .	12,082,409	18,894,240	29,182,766	46,288,819	82,677,505	92,017,878

<sup>1</sup> Preliminary.  
<sup>2</sup> Includes District of Columbia.

Economic Research Service.

FOOTNOTES FOR TABLE 670

<sup>1</sup> Includes regular mortgages, purchase-money mortgages, and sales contracts.  
<sup>2</sup> Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms, and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.  
<sup>3</sup> Compiled from reports of life insurance companies, "Best's Life Insurance Reports," "Spectator Life Insurance Yearbooks," and data from Life Insurance Association of America and Institute of Life Insurance. Includes legal reserve companies only.  
<sup>4</sup> Includes all operating commercial, savings, and private banks.  
<sup>5</sup> Estimated by ERS.  
<sup>6</sup> Preliminary.

Economic Research Service.

Table 672.—Farm real estate debt: Amount outstanding by lender, by States, Jan. 1, 1980 and 1981

State	Federal land banks <sup>1</sup>		Life insurance companies <sup>2</sup>		Farmers Home Administration <sup>3</sup>		All banks		Individuals and others <sup>4</sup>	
	1980	1981	1980 <sup>1</sup>	1981 <sup>1</sup>	1980	1981	1980	1981	1980	1981 <sup>1</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	1,000 dollars
Ala . . . . .	473,409	572,837	79,800	103,300	116,304	134,524	206,863	207,796	217,579	225,404
Alaska . . . . .	2,501	2,509		14,000	2,577	2,471	1,454	419		
Ariz . . . . .	84,465	113,057	197,000	217,100	65,093	69,520	11,634	13,702	286,244	297,658
Ark . . . . .	510,741	618,934	432,800	429,400	221,131	242,453	298,732	275,773	378,727	384,989
Calif . . . . .	1,955,525	2,405,012	1,765,000	1,810,400	114,336	140,451	398,232	482,705	3,142,561	3,151,890
Colo . . . . .	797,119	988,636	368,200	401,700	118,410	121,151	35,249	29,984	580,156	603,290
Conn . . . . .	54,131	60,416	400	400	14,264	16,275	8,099	8,352	25,213	30,213
Del . . . . .	57,348	63,426	700	1,100	14,727	15,633	21,416	20,698	20,007	23,975
Fla . . . . .	850,701	995,804	444,600	493,000	94,899	104,462	144,143	140,528	483,193	500,571
Ga . . . . .	1,007,739	1,157,465	225,500	253,700	159,291	183,567	360,584	343,870	221,765	229,741
Hawaii . . . . .	67,689	73,466	10,400	15,300	13,869	15,023	8,702	4,841		
Idaho . . . . .	599,529	641,475	243,900	256,200	255,180	267,123	11,974	9,889	452,368	470,406
Ill . . . . .	1,978,652	2,390,892	713,700	779,700	238,661	260,235	579,892	508,008	1,236,773	1,314,140
Ind . . . . .	1,172,846	1,436,237	478,900	525,700	217,084	233,532	559,990	554,353	916,553	973,889
Iowa . . . . .	1,834,385	2,381,892	846,100	948,200	304,166	344,932	357,635	338,712	2,449,380	2,602,603
Kans . . . . .	1,284,760	1,575,714	470,400	449,400	234,912	247,760	213,679	202,241	675,968	731,183
Ky . . . . .	623,027	742,298	151,000	186,500	214,999	226,435	433,030	422,929	434,523	431,152
La . . . . .	546,607	708,002	351,600	317,100	119,196	130,850	197,476	216,921	177,553	180,489
Maine . . . . .	33,091	33,508	5,900	5,700	77,737	81,874	7,590	7,315	21,050	25,325
Md . . . . .	239,424	269,494	18,600	21,900	48,687	53,517	74,854	78,915	202,175	242,269
Mass . . . . .	30,611	33,157	2,200	2,200	15,564	19,570	12,807	12,520	28,683	34,371
Mich . . . . .	738,477	891,728	75,900	79,600	158,982	176,564	280,986	200,752	744,309	796,126
Minn . . . . .	1,360,546	1,805,736	417,500	456,600	274,154	295,071	283,660	266,515	1,637,746	1,751,762
Miss . . . . .	492,713	654,211	363,700	376,900	168,925	201,769	234,498	223,724	205,750	209,150
Mo . . . . .	876,027	1,023,254	431,900	479,900	311,675	335,606	536,660	538,142	732,881	778,727
Mont . . . . .	591,302	687,406	335,800	377,200	135,385	148,835	29,717	26,888	628,715	653,785
Nebr . . . . .	1,058,201	1,321,235	635,100	695,300	350,749	356,717	93,437	89,376	877,502	949,178
Nev . . . . .	61,458	71,875	80,300	91,900	19,017	20,124	1,235	880	69,006	71,758
N.H . . . . .	18,715	18,941	5,000	5,700	9,413	10,073	8,046	7,679	8,674	10,394
N.J . . . . .	116,400	130,362	4,500	4,000	25,313	29,164	14,798	27,796	121,096	145,111
N. Mex . . . . .	216,690	263,336	106,900	104,400	61,224	66,265	28,705	26,062	227,462	236,532
N.C . . . . .	388,405	428,504	23,000	30,600	166,186	172,353	127,795	126,377	363,519	435,610
N.Y . . . . .	886,834	1,052,750	114,900	119,500	226,460	248,767	97,160	95,419	230,758	227,919
N. Dak . . . . .	716,781	924,061	67,300	68,400	248,537	263,479	93,151	222,310	304,616	329,498
Ohio . . . . .	946,856	1,104,292	252,400	298,000	101,893	115,132	456,931	470,139	706,296	750,479
Okla . . . . .	805,506	982,079	218,500	217,600	321,937	325,115	226,875	217,056	548,385	648,122
Oreg . . . . .	474,591	608,235	231,600	233,000	102,112	113,842	14,611	14,629	761,555	763,816
Pa . . . . .	413,513	510,298	33,900	35,800	108,554	126,661	378,010	384,813	312,513	374,489
R.I . . . . .	4,397	4,969	100	100	2,497	3,618	874	562	463	554
S.C . . . . .	472,741	539,191	22,400	23,800	94,397	105,873	41,637	37,256	56,178	58,199
S. Dak . . . . .	530,273	630,872	122,700	127,100	343,111	368,795	47,504	43,913	344,484	372,622
Tenn . . . . .	486,062	565,933	70,300	81,300	208,469	231,466	376,726	372,820	473,747	467,918
Tex . . . . .	1,582,648	1,752,380	1,011,800	993,600	288,448	323,351	501,606	551,176	1,568,933	1,854,284
Utah . . . . .	150,459	187,733	22,700	27,400	53,538	57,959	24,790	21,277	115,010	119,596
Vt . . . . .	58,230	63,167	100	1,200	47,902	52,857	25,519	24,161	53,204	63,755
Va . . . . .	471,585	546,053	38,100	39,500	100,734	109,618	150,333	165,705	240,395	237,437
Wash . . . . .	521,336	625,426	389,400	421,600	143,501	149,745	50,040	47,216	683,564	685,593
W. Va . . . . .	45,516	55,889	11,800	13,900	46,159	51,857	76,138	70,509	38,625	38,149
Wis . . . . .	781,752	1,059,793	134,300	148,700	270,598	280,271	535,823	505,062	931,879	996,755
Wyo . . . . .	171,470	190,562	136,700	143,200	59,656	62,623	13,981	14,557	196,793	204,640
U.S . . . . .	29,641,784	35,944,492	12,165,300	12,927,800	7,110,613	7,714,928	8,623,281	8,745,242	25,136,527	26,685,416

<sup>1</sup> Includes mortgages in process of foreclosure.<sup>2</sup> Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages.<sup>3</sup> Revised.<sup>4</sup> Preliminary.<sup>5</sup> Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.<sup>6</sup> Estimated by ERS, USDA.<sup>7</sup> Includes District of Columbia.

Economic Research Service.

Table 673.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1979–81<sup>1</sup>

State and Territory	Farm real estate loans					Nonreal estate farm loans				
	1979		1980		1981 <sup>2</sup>	1979		1980		1981 <sup>2</sup>
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</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>	<i>dollars</i>	<i>dollars</i>
Ala . . . . .	225,814	214,707	206,863	200,499	207,796	309,485	292,808	257,357	286,493	278,279
Alaska . . . . .	941	1,419	1,454	262	419	53	37	330	76	316
Ariz . . . . .	11,389	10,658	11,634	6,615	13,702	363,835	360,977	412,069	374,410	433,075
Ark . . . . .	297,302	308,888	298,732	284,780	275,773	404,961	400,576	363,017	402,959	397,754
Calif . . . . .	322,271	360,758	398,232	457,942	482,705	2,292,307	2,542,095	2,654,543	2,777,376	2,847,702
Colo . . . . .	47,004	37,433	35,249	30,253	29,984	728,139	740,236	741,636	728,079	738,173
Conn . . . . .	2,861	9,752	8,099	8,305	8,352	16,115	10,628	18,538	12,873	12,315
Del . . . . .	20,204	18,436	21,416	21,666	20,698	11,542	20,570	19,686	9,845	17,436
Fla . . . . .	156,286	157,511	144,143	140,808	140,528	173,069	165,725	169,704	151,439	171,900
Ga . . . . .	348,232	371,519	360,584	354,901	343,870	312,084	356,084	331,334	349,138	336,711
Hawaii . . . . .	7,068	8,042	8,702	5,768	4,841	16,396	13,938	11,760	16,046	19,443
Idaho . . . . .	13,804	13,672	11,974	11,909	9,889	358,114	387,991	365,244	365,808	345,391
Ill . . . . .	609,419	600,905	579,892	552,580	580,008	2,092,290	2,076,310	2,184,440	2,088,593	2,122,917
Ind . . . . .	559,458	569,846	559,990	551,839	554,353	872,144	918,080	940,939	954,338	932,108
Iowa . . . . .	356,321	352,988	357,635	339,308	338,712	3,029,893	3,192,016	3,529,109	3,368,663	3,360,774
Kans . . . . .	217,362	220,506	213,679	210,220	202,241	1,799,772	1,818,306	1,990,857	1,908,326	2,017,453
Ky . . . . .	433,650	442,060	433,030	414,731	422,929	426,567	448,025	448,734	467,471	484,517
La . . . . .	192,106	194,825	197,476	208,466	216,921	261,002	271,011	235,948	280,050	274,114
Maine . . . . .	8,847	9,367	7,590	6,997	7,315	15,337	15,027	17,207	11,715	13,769
Mad. <sup>3</sup> . . . . .	77,349	76,574	74,854	77,779	78,915	58,714	53,908	56,271	58,048	60,577
Mass . . . . .	13,324	12,065	12,807	6,028	12,520	54,784	45,453	72,947	42,689	56,674
Mich . . . . .	218,517	215,599	208,986	199,244	200,752	395,203	418,431	409,318	408,561	392,364
Minn . . . . .	281,891	286,245	283,660	274,330	266,515	1,575,441	1,764,626	1,909,439	1,918,687	1,835,705
Miss . . . . .	217,885	232,302	234,498	224,454	223,724	270,477	308,221	289,660	317,382	323,460
Mo . . . . .	522,110	538,672	536,660	532,955	538,142	1,104,810	1,198,010	1,266,235	1,282,169	1,290,045
Mont . . . . .	29,071	29,382	29,717	28,074	26,888	4,766,020	535,254	509,958	526,101	498,913
Nebr . . . . .	96,387	96,539	93,437	92,112	89,376	1,999,298	2,088,659	2,334,573	2,265,729	2,390,279
Nev . . . . .	1,650	1,384	1,235	1,075	880	20,167	22,566	19,589	19,204	18,051
N.H . . . . .	7,799	8,557	8,046	7,808	7,679	3,158	3,475	2,719	3,328	2,974
N.J . . . . .	15,762	15,129	14,798	14,952	27,796	11,380	12,974	10,212	12,095	9,452
N. Mex . . . . .	27,899	28,427	28,705	24,596	26,062	180,605	179,825	178,934	184,972	185,015
N.Y . . . . .	130,615	129,510	127,795	120,721	126,377	395,629	429,234	516,793	495,693	665,166
N.C . . . . .	103,926	103,335	97,160	96,884	95,419	238,089	328,095	251,044	349,125	252,670
N. Dak . . . . .	89,951	92,393	93,151	94,183	222,310	647,346	750,449	790,060	754,264	767,665
Ohio . . . . .	448,863	458,045	456,931	457,762	470,139	453,579	482,256	481,570	493,319	474,333
Okla . . . . .	234,076	234,875	226,875	215,776	217,056	1,060,916	1,026,139	1,079,320	1,081,201	1,135,461
Oreg . . . . .	16,391	15,053	14,611	14,692	14,629	261,077	294,133	278,844	329,367	302,529
Pa . . . . .	346,082	362,214	378,010	380,205	384,813	319,474	307,791	329,628	314,916	308,422
R.I . . . . .	936	887	874	666	562	160	619	648	840	1,016
S.C . . . . .	47,514	46,486	41,637	39,478	37,256	72,262	98,174	75,154	96,399	79,217
S. Dak . . . . .	47,882	48,753	47,504	45,906	43,913	895,414	992,404	1,090,156	1,043,825	1,086,993
Tenn . . . . .	365,505	381,534	376,726	369,004	372,820	309,237	331,949	315,142	331,414	335,082
Tex . . . . .	493,157	507,885	501,606	511,242	551,176	2,205,760	2,135,506	2,155,181	2,194,113	2,350,029
Utah . . . . .	28,527	29,784	24,790	21,972	21,277	106,036	104,108	91,805	90,177	87,774
Vt . . . . .	27,534	25,199	25,519	23,943	24,161	21,375	20,987	20,964	19,647	21,006
Va . . . . .	143,484	147,555	150,333	164,667	165,705	176,142	203,362	182,311	205,383	194,124
Wash . . . . .	45,970	51,629	50,040	49,556	47,216	512,329	605,421	582,621	590,727	558,121
W. Va . . . . .	85,823	77,420	76,138	74,687	70,509	32,237	34,645	32,867	32,839	33,175
Wis . . . . .	546,818	538,332	535,823	513,789	505,062	726,753	769,178	796,856	813,789	834,671
Wyo . . . . .	13,502	13,541	13,981	12,419	14,557	205,322	230,080	211,020	227,346	212,048
U.S . . . . .	8,556,539	8,708,597	8,623,281	8,498,848	8,745,242	28,272,831	29,806,372	31,034,291	31,057,047	31,567,158
P.R . . . . .	2,072	13,332	10,165	9,282	8,398	40,412	36,254	50,663	28,738	20,782
Other pos- sessions <sup>4</sup>	0	0	27	0	0	11	9	12	10	42
Total . . . . .	8,558,611	8,721,929	8,633,473	8,508,130	8,753,640	28,313,254	29,842,635	31,084,966	31,085,795	31,587,982

<sup>1</sup> 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.

<sup>4</sup> Mariana Islands, Samoa (American), and Virgin Islands.

Economic Research Service. Data from Federal Deposit Insurance Corporation.

Table 674.—Non real estate farm loans: Amount outstanding Jan. 1 and loans made during the year, by specified lender, United States and Territories, 1966–81<sup>1</sup>

Year	All operating banks <sup>2</sup>	Banks and associations supervised by Farm Credit Administration			Farmers Home Administration			Rural Electrification Administration <sup>8</sup>				Commodity Credit Corporation <sup>13</sup>		
		Production credit associations <sup>4</sup>	Federal intermediate credit banks: Loans to, and discounts for other financing institutions <sup>3</sup>	Banks for cooperatives <sup>5</sup>	To individuals			Loans to cooperatives		Loans to others		Loans to farmers held by CCC	Loans to cooperatives held by CCC	
					Operating loans <sup>6</sup>	Emergency loans <sup>6</sup>	Economic opportunity loans <sup>7</sup>	Electric <sup>9</sup>	Telephone <sup>10</sup>	Electric <sup>11</sup>	Telephones <sup>10,12</sup>			
Outstanding Jan. 1														
	<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>	<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>
1966	7,689,718	2,598,460	146,091	1,055,163	630,691	65,774	27,861	3,044,451	306,770	260,005	581,044	842,066	1,204,053	
1967	8,547,882	3,042,333	162,473	1,289,819	627,954	71,682	46,022	3,197,667	329,869	257,233	619,126	1,156,746	928,157	
1968	9,283,160	3,550,971	181,781	1,506,383	662,690	77,488	66,589	3,376,250	361,215	254,864	663,959	1,420,115	965,649	
1969	9,734,256	3,861,179	183,100	1,576,960	669,407	90,794	70,184	3,593,118	390,786	275,575	703,216	2,670,724	1,007,873	
1970	10,339,795	4,533,205	224,425	1,731,972	660,368	70,551	61,987	3,785,256	424,685	270,814	752,815	2,675,811	1,037,381	
1971	11,115,109	5,334,496	222,099	2,029,864	677,175	71,947	52,647	4,047,624	471,467	267,952	812,552	1,875,981	1,170,585	
1972	12,524,539	6,115,524	238,931	2,013,491	658,468	76,005	41,991	4,312,091	511,969	265,434	877,430	2,262,034	1,018,881	
1973	14,331,614	6,635,025	252,681	2,297,805	680,181	73,295	31,513	4,627,046	550,878	259,991	939,863	1,793,308	778,164	
1974	17,173,839	7,852,396	333,207	2,576,748	777,752	81,864	22,968	5,052,742	607,661	269,290	1,018,584	750,435	654,397	
1975	18,249,061	9,542,920	403,402	3,575,483	922,067	108,985	17,211	5,611,154	693,487	265,973	1,148,756	318,512	471,801	
1976	20,165,987	10,798,439	372,860	3,978,861	1,026,091	752,209	12,559	6,162,049	779,610	276,709	1,279,155	357,763	598,480	
1977	23,292,124	12,258,621	385,185	5,061,669	1,033,648	842,215	8,281	6,595,822	869,400	284,866	1,383,584	1,011,819	918,157	
1978	25,718,525	13,534,786	395,497	5,731,719	1,077,517	2,066,970	5,708	7,066,709	953,977	313,322	1,478,153	4,489,077	1,416,644	
1979	28,313,254	15,040,567	534,139	6,217,025	1,487,524	4,299,570	3,943	7,594,823	1,033,242	338,565	1,623,664	5,242,647	1,611,743	
1980	31,084,966	18,323,031	702,229	8,147,557	1,599,927	6,104,375	2,831	8,271,293	1,118,928	332,635	1,814,630	4,500,350	1,845,140	
1981	31,587,982	20,052,156	845,007	9,505,526	1,854,400	7,316,141	1,945	8,908,722	1,247,582	340,179	2,068,453	4,366,616	1,872,736	

Made during year

	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	1,000 dollars		
1966	4,813,178	351,080	1,664,844	282,860	108,527	24,541	264,120	31,996	8,803	54,759			
1967	5,427,751	386,584	1,743,449	302,468	96,162	29,134	334,840	42,990	6,525	61,634			
1968	6,052,907	409,769	1,802,226	283,226	125,979	15,221	379,462	43,877	30,995	60,322			
1969	7,077,351	504,533	1,942,213	278,196	81,237	5,246	322,388	46,555	4,590	68,613			
1970	8,276,660	621,430	2,476,077	280,998	96,617	3,583	385,623	59,819	7,939	80,519			
1971	9,421,290	640,654	2,730,148	287,289	129,913	1,245	396,985	56,841	7,458	88,017			
1972	10,437,537	692,747	3,360,753	330,908	166,986		456,282	54,193	6,359	86,360			
1973	13,030,324	856,691	6,388,950	471,798	491,921		526,741	70,846	21,606	105,210			
1974	14,398,388	879,070	8,372,547	544,218	184,802		696,238	102,760	8,478	160,271			
1975	16,043,467	766,416	8,907,911	536,988	880,885		709,873	106,566	23,477	162,328			
1976	18,286,837	830,269	10,820,401	549,531	734,731		612,797	115,305	22,007	138,190			
1977	20,099,884	849,423	12,276,751	539,233	2,024,863		681,625	109,580	43,388	132,407			
1978	23,308,330	1,194,118	14,125,181	851,109	2,931,858		753,605	107,296	40,243	185,881			
1979	29,245,995	1,647,742	18,951,758	949,165	2,857,515		916,372	115,787	9,602	234,847			
1980	32,550,646	1,832,037	24,675,291	812,559	2,448,908		901,212	159,812	24,228	302,186			

<sup>1</sup> Real estate mortgages or deeds of trust are taken as supplemental security for some of these loans.

<sup>2</sup> Excludes loans to individuals guaranteed by the Commodity Credit Corporation and certificates of interest in pool of notes.

<sup>3</sup> Loans "made" include renewals.

<sup>4</sup> Loans outstanding include aquatic loans, loans guaranteed by CCC, and loans held by associations in liquidation. Beginning 1972, exclude rural home loans and farm-related business loans.

<sup>5</sup> Excludes loans secured by CCC documents.

<sup>6</sup> Loans outstanding are the unpaid balances of loans made directly by FmHA. Loans made include loans made directly by FmHA and loans guaranteed by that agency. For separate data on operating and emergency loans, 1949-65, see *Agricultural Statistics, 1965*, table 722.

<sup>7</sup> Economic opportunity loans are made to farm and nonfarm rural residents. Through June 30, 1971, more than one half of the economic opportunity loans were made to farmers. Loan program was terminated in 1971.

<sup>8</sup> Loans "outstanding" are cumulative net advances minus principal repayments; loans "made" are net advances to borrowers.

<sup>9</sup> Approximately 2/3 of the individuals served by these cooperatives are farmers.

<sup>10</sup> Beginning calendar year 1972, includes Rural Telephone Bank loans

<sup>11</sup> Principally loans to public bodies and to power companies.

<sup>12</sup> Loans to commercial telephone companies.

<sup>13</sup> Includes direct loans made and held by CCC. Excludes pooled loans against which certificates of interest were issued and also loans guaranteed by CCC held by other lending agencies.

Economic Research Service.

**Table 675.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions, <sup>1</sup> Jan. 1, 1966–81<sup>2</sup>**

Year	North-east	Lake States	Corn Belt	Northern Plains	Appalachian	South-east	Delta States	Southern Plains	Mountain	Pacific	United States
	<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>
1966	5.3	5.0	5.3	5.2	5.6	5.8	5.8	5.4	5.4	5.5	5.4
1967	5.4	5.1	5.3	5.3	5.6	5.9	5.8	5.5	5.5	5.5	5.4
1968	5.5	5.1	5.5	5.4	5.7	6.0	6.0	5.7	5.6	5.6	5.6
1969	5.5	5.2	5.6	5.5	5.8	6.1	6.1	5.8	5.6	5.7	5.7
1970	5.7	5.4	5.8	5.7	6.0	6.3	6.3	6.0	5.8	5.8	5.8
1971	5.9	5.5	5.9	5.9	6.2	6.5	6.5	6.2	6.0	5.9	6.0
1972	6.4	6.1	5.9	5.8	6.4	6.5	6.2	5.8	5.9	6.1	6.1
1973	6.6	6.1	6.1	5.9	6.5	6.7	6.3	6.0	6.1	6.2	6.2
1974	6.9	6.4	6.4	6.2	6.9	7.1	6.6	6.5	6.3	6.4	6.5
1975	7.1	6.8	6.7	6.6	7.3	7.5	7.0	6.8	6.7	6.7	6.9
1976	7.3	6.8	7.1	6.7	7.6	7.9	7.2	6.8	6.9	6.9	7.1
1977	7.3	7.1	7.2	7.1	7.5	7.7	7.3	7.1	7.1	7.2	7.2
1978	7.3	7.2	7.3	7.2	7.4	7.7	7.5	6.9	7.2	7.4	7.3
1979	7.6	7.4	7.8	7.6	8.0	8.0	7.9	7.6	7.7	7.8	7.7
1980	7.8	8.2	8.2	8.0	8.4	8.6	8.2	7.8	7.9	8.0	8.1
1981 <sup>3</sup>	8.5	8.5	8.6	8.9	8.7	8.8	8.8	8.3	8.6	8.4	8.6

<sup>1</sup> For States included in regions, see footnote 1, table 669.

<sup>2</sup> Contract rates. Excludes Alaska and Hawaii.

<sup>3</sup> Preliminary.

Economic Research Service.

**Table 676.—Farm real estate debt: Interest charges payable on debt outstanding, by farming regions, <sup>1</sup> 1966–80<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>
1966	60,000	115,048	261,121	117,043	84,358	77,619
1967	65,396	124,382	292,006	133,227	97,509	87,150
1968	70,598	134,298	331,720	155,034	102,867	97,442
1969	77,615	143,364	367,845	175,039	114,410	108,692
1970	85,927	157,595	393,629	189,439	125,676	120,188
1971	94,863	170,683	422,508	203,442	138,141	132,681
1972	113,063	202,849	454,757	217,899	151,297	146,593
1973	135,958	235,930	527,437	253,343	179,583	181,039
1974	167,337	283,294	617,131	292,038	220,519	231,113
1975	161,165	322,692	719,937	327,925	266,815	280,002
1976	173,699	362,192	847,501	382,137	305,241	305,077
1977	216,426	420,765	999,130	449,256	336,602	326,839
1978	235,191	500,526	1,213,685	524,275	390,170	376,802
1979	278,349	622,673	1,458,597	631,824	473,012	453,775
1980 <sup>3</sup>	342,736	763,316	1,717,177	793,994	556,758	530,349

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>4</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>
1966	74,887	126,636	120,995	159,237	1,197,928
1967	84,628	140,751	133,475	170,042	1,324,650
1968	95,946	158,206	147,065	177,676	1,472,048
1969	109,289	175,609	161,115	190,655	1,624,827
1970	119,192	189,547	173,905	207,014	1,763,471
1971	126,688	203,362	187,612	223,737	1,905,431
1972	129,427	206,585	203,442	249,416	2,077,979
1973	149,471	251,710	236,166	290,827	2,445,281
1974	175,694	308,802	274,522	349,640	2,924,680
1975	202,394	353,428	317,188	404,468	3,360,983
1976	227,727	387,251	362,211	461,505	3,819,642
1977	257,263	410,205	407,339	535,158	4,364,685
1978	296,575	453,948	466,217	656,213	5,120,250
1979	352,464	517,999	553,179	799,135	6,149,272
1980 <sup>3</sup>	418,749	597,093	660,524	917,292	7,308,599

<sup>1</sup> For States included in regions, see footnote 1, table 669.

<sup>2</sup> Estimated as payable during calendar year.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes Alaska and Hawaii beginning 1965.

Economic Research Service.



Table 677.—Interest rates: Selected series, United States, 1966–80

Year	Federal land banks		Production credit associations, average cost of loans <sup>1</sup>	Federal intermediate credit banks		Banks for cooperatives		Prime commercial paper (4-6 months) <sup>6</sup>	Federal Reserve Bank discount rates, New York <sup>7</sup>
	Average rate on new loans <sup>1</sup>	Bond rates <sup>2</sup>		Discount rates <sup>4</sup>	Bond rates <sup>2</sup>	Rates on loans <sup>5</sup>	Bond rates <sup>2</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1966 . . . . .	5.82	4.84	6.87	5.53	5.84	4.75-6.00	6.12	5.55	4.50
1967 . . . . .	6.02	5.02	7.29	5.98	5.16	5.25-6.00	5.60	5.10	4.00-4.50
1968 . . . . .	6.84	5.41	7.34	6.41	6.11	5.75-6.50	6.03	5.90	4.50-5.50
1969 . . . . .	7.82	6.21	7.79	7.23	7.85	6.25-8.50	8.23	7.83	5.50-6.00
1970 . . . . .	8.68	6.97	8.98	8.46	7.41	7.00-9.00	6.99	7.72	5.50-6.00
1971 . . . . .	7.86	6.45	7.28	6.33	5.53	5.25-7.50	5.57	5.11	4.50-5.50
1972 . . . . .	7.42	6.38	7.02	6.00	5.57	4.75-7.25	5.34	4.69	4.50
1973 . . . . .	7.48	6.59	8.09	7.31	7.85	5.50-9.50	8.75	8.15	5.00-7.50
1974 . . . . .	8.14	7.36	9.43	8.78	8.65	8.50-10.50	9.01	9.87	7.75-8.00
1975 . . . . .	8.69	7.60	8.91	8.14	6.88	7.25-10.50	7.03	6.33	6.00-7.75
1976 . . . . .	8.66	7.51	8.24	7.36	6.40	7.25-8.75	6.14	5.35	5.25-6.00
1977 . . . . .	8.39	7.37	7.88	6.94	6.53	6.50-8.00	6.76	5.60	5.25-6.00
1978 . . . . .	8.35	7.68	8.83	8.06	8.15	7.75-9.75	8.66	7.99	6.50-9.50
1979 . . . . .	9.20	8.74	10.71	10.90	10.37	10.00-12.75	11.09	10.91	9.50-12.00
1980 . . . . .	10.39	9.71	12.86	13.06	11.10	11.25-14.50	11.34	12.29	10.00-13.00

<sup>1</sup>Contract rates on loans through Federal land bank associations. In computing the average rates, each Farm Credit district is given equal weight; within districts, rates are weighted by the number of days in force.  
<sup>2</sup>Weighted average net cost to banks of bonds outstanding at end of year.  
<sup>3</sup>Rate represents interest (less patronage refunds), service fees, cost of record searches, and filing and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.  
<sup>4</sup>Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.  
<sup>5</sup>Excludes rates on loans secured by CCC documents.  
<sup>6</sup>Board of Governors of the Federal Reserve System. Annual averages of prevailing open-market rates in New York City.  
<sup>7</sup>Board of Governors of the Federal Reserve System. Annual ranges in discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.  
 Economic Research Service and Farm Credit Administration.

Table 678.—Non real estate farm debt: Amount outstanding, by lender, United States, Jan. 1, 1966–81

Year	Debt owed to reporting institutions (excluding CCC)					Debt owed to individuals and others	Total excluding CCC loans	Price-support and storage loans made or guaranteed by CCC <sup>2</sup>	Total including CCC loans
	All operating banks	Production credit association	Federal intermediate credit banks <sup>1</sup>	Farmers Home Administration	Total				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1966 . . . . .	7,676	2,579	140	717	11,112	6,950	18,062	1,408	19,470
1967 . . . . .	8,534	3,016	157	738	12,444	7,350	19,794	1,157	20,951
1968 . . . . .	9,272	3,518	176	798	13,764	7,070	20,834	1,420	22,254
1969 . . . . .	9,720	3,826	180	822	14,547	5,840	20,387	2,671	23,058
1970 . . . . .	10,330	4,495	218	785	15,828	5,340	21,168	2,676	23,844
1971 . . . . .	11,102	5,295	220	795	17,412	4,850	22,262	1,876	24,138
1972 . . . . .	12,498	6,078	237	771	19,584	5,060	24,644	2,262	26,906
1973 . . . . .	14,315	6,607	251	781	21,954	5,840	27,794	1,793	29,587
1974 . . . . .	17,167	7,829	331	877	26,204	5,930	32,134	750	32,884
1975 . . . . .	18,238	9,519	374	1,044	29,176	6,050	35,226	319	35,545
1976 . . . . .	20,160	10,773	350	1,772	33,056	6,350	39,406	358	39,764
1977 . . . . .	23,283	12,233	368	1,877	37,761	7,300	45,061	1,012	46,073
1978 . . . . .	25,709	13,508	374	3,141	42,732	8,410	51,142	4,489	55,631
1979 . . . . .	28,273	15,016	509	5,780	49,578	10,420	59,998	5,242	65,240
1980 . . . . .	31,034	18,239	666	8,983	58,982	11,720	70,702	4,500	75,202
1981 <sup>3</sup> . . . . .	31,567	20,027	810	11,756	64,160	14,000	78,160	4,367	82,527

<sup>1</sup>Loans to and discounts for livestock loan companies and agricultural credit corporations.  
<sup>2</sup>Although price-support loans of the Commodity Credit Corporation (CCC) are nonrecourse loans, they are treated as debts. Borrowers must either pay them or deliver the commodities on which they are based.  
<sup>3</sup>Preliminary.  
 Economic Research Service.

**Table 679.—Farm Credit System: Loans and discounts made, United States, 1966–80<sup>1</sup>**

Year	Federal land banks	Production credit		Banks for cooperatives	Total
		Production credit associations <sup>2</sup>	Federal intermediate credit banks to other financing institutions		
	<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>
1966	1,337,250	4,813,178	351,080	1,664,844	8,166,352
1967	1,267,586	5,427,751	386,584	1,743,449	8,825,370
1968	1,101,322	6,052,907	409,768	1,802,226	9,366,223
1969	1,165,895	7,077,351	504,533	1,942,213	10,689,992
1970	1,016,820	8,276,660	621,430	2,476,077	12,390,987
1971	1,555,008	9,421,290	640,654	2,730,148	14,347,100
1972	2,251,035	10,438,649	692,747	3,360,753	16,743,184
1973	3,284,680	13,038,446	856,691	6,388,950	23,568,767
1974	4,243,479	14,398,388	879,070	8,372,547	27,893,484
1975	4,411,268	16,062,551	766,416	8,907,911	30,148,146
1976	4,700,861	18,327,314	830,269	10,820,401	34,678,845
1977	5,730,118	20,147,831	849,423	12,276,751	39,004,123
1978	6,355,338	23,378,215	1,194,118	14,125,181	45,052,852
1979	9,118,595	29,368,159	1,647,742	18,950,701	59,085,197
1980	10,282,308	32,674,199	1,832,043	24,675,291	69,463,841

<sup>1</sup>Includes Puerto Rico.<sup>2</sup>Includes renewals.

Farm Credit Administration.

**Table 680.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1966–81<sup>1</sup>**

Year	Federal land banks	Production credit		Banks for cooperatives	Net total
		Production credit associations	Other financing institutions		
	<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>
1966	4,280,675	2,598,460	146,091	1,055,163	8,080,389
1967	4,957,836	3,042,333	162,473	1,289,819	9,452,461
1968	5,609,265	3,550,971	181,781	1,506,383	10,848,400
1969	6,126,369	3,861,179	183,100	1,576,960	11,747,608
1970	6,714,172	4,533,205	224,425	1,731,971	13,203,773
1971	7,187,140	5,334,495	222,099	2,029,864	14,773,598
1972	7,918,185	6,115,524	238,931	2,013,491	16,286,131
1973	9,104,930	6,636,076	252,681	2,297,805	18,291,492
1974	11,073,276	7,859,554	333,207	2,576,748	21,842,785
1975	13,863,752	9,560,649	403,402	3,575,483	27,403,286
1976	16,563,886	10,825,963	372,860	3,978,861	31,741,570
1977	19,126,749	12,297,052	385,185	5,061,669	36,870,655
1978	22,137,172	13,584,981	395,497	5,731,719	41,849,369
1979	25,626,461	15,112,199	534,139	6,217,026	47,466,539
1980	31,283,738	18,418,110	701,061	8,132,957	58,535,868
1981	38,137,543	20,160,313	842,579	9,505,526	68,645,961

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

Farm Credit Administration.

## FOOTNOTES FOR TABLE 668

<sup>1</sup>Data for 1980 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.<sup>4</sup>Includes a combination of commodities varying by counties.<sup>5</sup>Less than 500 acres.<sup>6</sup>Less than 500 dollars.<sup>7</sup>Thousand of tons insured for raisins (not included in total of all commodities).<sup>8</sup>Less than 500 tons.

n.a. not available.

Federal Crop Insurance Corporation.

**Table 681.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1980 and outstanding Jan. 1, 1980, and number of associations, Jan. 1, 1981, by States**

State and Territory	Federal land bank associations, Jan. 1, 1981	Federal land bank loans			
		Loans made during 1980		Loans outstanding Jan. 1, 1981	
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>
Ala	12	2,286	175,058	14,532	651,580
Alaska <sup>1</sup>		16	921	189	9,050
Ariz	1	95	42,516	691	113,161
Ark	11	1,014	143,418	9,843	635,612
Calif	25	2,615	706,319	18,000	2,410,716
Colo	12	2,464	324,092	12,067	1,054,475
Conn. <sup>1</sup>	1	296	26,789	2,364	135,539
Del	1	121	13,182	932	69,965
Fla	7	1,817	247,185	9,772	1,051,644
Ga	15	3,855	293,782	25,959	1,317,112
Hawaii	1	60	8,158	336	75,651
Idaho	11	867	88,451	11,358	659,379
Ill	17	3,994	534,184	26,307	2,409,681
Ind	24	3,002	384,516	21,691	1,453,937
Iowa	19	6,012	797,588	34,042	2,463,000
Kans	16	4,565	455,457	27,334	1,607,805
Ky	10	1,885	199,447	11,746	773,189
La	9	1,743	260,644	9,680	768,799
Maine	2	92	6,880	752	37,309
Md	5	614	55,712	4,069	292,816
Mass. <sup>1</sup>					
Mich	11	3,972	337,682	19,910	1,026,575
Minn	17	5,799	679,616	28,648	1,846,865
Miss	12	1,733	248,551	11,003	698,474
Mo	12	2,747	212,141	20,383	1,049,343
Mont	10	989	143,057	8,650	697,985
Nebr	8	2,989	421,538	19,759	1,355,873
Nev	1	57	16,235	548	72,419
N.H. <sup>1</sup>					
N.J	3	270	24,544	1,827	143,431
N.Mex	4	375	66,266	2,576	270,278
N.Y	12	1,257	90,359	10,760	473,971
N.C	15	4,437	282,015	34,104	1,310,725
N. Dak	9	2,727	339,256	12,413	927,815
Ohio	19	2,029	260,400	15,179	1,114,262
Okla	12	3,463	324,470	17,623	1,067,608
Oreg	10	953	172,393	7,552	622,645
Pa	9	1,810	157,735	9,362	574,633
R.I. <sup>1</sup>					
S.C	9	2,152	148,228	15,844	652,145
S. Dak	7	1,552	153,310	13,908	643,371
Tenn	12	2,415	170,129	15,278	675,384
Tex	61	3,774	322,309	37,567	1,858,699
Utah	3	557	63,664	2,907	195,210
Vt. <sup>1</sup>	2	226	16,192	1,743	84,851
Va	8	2,221	148,023	12,408	640,900
Wash. <sup>1</sup>	9	1,164	153,781	9,575	661,125
W. Va	2	447	19,825	2,181	70,559
Wis	13	4,151	485,229	14,714	1,100,309
Wyo	1	291	41,055	2,560	209,347
U.S	490	91,970	10,262,302	590,676	38,035,222
P.R	1	252	20,006	2,958	102,321
Total	491	92,222	10,282,308	593,634	38,137,543

<sup>1</sup> New Hampshire is served by associations in Vermont and Connecticut; Massachusetts and Rhode Island by the association in Connecticut; and Alaska by the association in Washington.

Farm Credit Administration.

**Table 682.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1981, loans made during 1980, and loans outstanding on specified dates, 1980 and 1981, by States**

State and Territory	Production credit associations Jan. 1, 1981	Members having outstanding loans Jan. 1, 1981	Loans made during 1980 <sup>1</sup>	Loans outstanding		
				1980		1981
				Jan. 1	July 1	Jan. 1
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala . . . . .	8	5,332	333,304	254,384	294,875	281,566
Ariz . . . . .	2	762	358,331	130,586	143,419	130,270
Ark . . . . .	14	8,264	758,637	387,468	452,722	440,898
Calif . . . . .	22	12,881	3,078,841	1,451,859	1,648,549	1,723,341
Colo . . . . .	8	3,442	1,122,172	459,601	468,255	428,829
Conn. <sup>2</sup> . . . . .	1	999	104,365	42,277	45,302	46,012
Del . . . . .	1	855	41,016	35,000	40,519	44,394
Fla . . . . .	9	5,259	399,751	425,110	455,141	499,124
Ga . . . . .	21	10,761	667,184	582,293	695,811	652,568
Hawaii . . . . .	1	263	28,651	20,176	19,554	23,362
Idaho . . . . .	5	4,062	750,560	333,201	376,583	358,123
Ill . . . . .	17	10,960	1,112,284	652,202	688,235	672,746
Ind . . . . .	10	18,590	1,358,516	838,319	908,801	867,130
Iowa . . . . .	16	10,735	2,431,249	1,064,555	1,173,702	1,144,093
Kans . . . . .	13	4,172	1,213,983	481,355	488,167	460,745
Ky . . . . .	9	25,735	851,030	704,486	713,193	693,334
La . . . . .	7	4,882	436,947	261,655	369,532	339,683
Maine . . . . .	2	1,020	44,683	44,254	40,040	50,912
Md . . . . .	5	2,986	86,819	91,096	98,095	103,186
Mass. <sup>2</sup> . . . . .	.....	932	.....	30,622	34,786	36,992
Mich . . . . .	8	9,326	597,370	338,656	407,341	399,808
Minn . . . . .	16	13,490	1,774,663	871,266	1,035,015	959,439
Miss . . . . .	10	4,233	488,768	247,983	313,381	312,425
Mo . . . . .	12	12,632	828,077	412,268	497,214	468,387
Mont . . . . .	11	4,417	637,313	321,110	379,594	369,243
Nebr . . . . .	14	7,643	1,548,320	616,456	681,988	679,705
Nev . . . . .	1	348	76,375	43,527	45,798	46,346
N.H. <sup>2</sup> . . . . .	.....	300	.....	11,524	11,182	12,258
N.J . . . . .	3	1,174	47,173	45,267	54,533	49,439
N. Mex . . . . .	4	948	201,843	99,935	119,394	99,102
N.Y . . . . .	12	9,802	251,198	301,383	328,001	343,525
N.C . . . . .	17	25,243	539,190	682,749	806,276	704,934
N. Dak . . . . .	5	9,068	921,688	530,889	598,123	555,670
Ohio . . . . .	11	28,879	1,189,569	871,724	963,233	908,005
Okla . . . . .	14	5,546	864,083	358,972	404,866	402,457
Oreg . . . . .	8	4,519	682,018	352,967	416,995	415,017
Pa . . . . .	9	9,541	284,374	249,249	272,934	298,958
R.I. <sup>2</sup> . . . . .	.....	196	.....	6,764	7,554	7,025
S.C . . . . .	11	8,473	264,696	292,049	336,208	312,780
S. Dak . . . . .	9	4,420	686,688	323,239	333,279	335,349
Tenn . . . . .	9	29,827	747,899	695,774	723,583	675,298
Tex . . . . .	30	13,079	2,007,254	888,860	976,032	964,972
Utah . . . . .	2	1,626	326,259	140,964	157,983	162,489
Vt. <sup>2</sup> . . . . .	2	1,277	51,210	38,138	39,399	44,272
Va . . . . .	8	6,966	142,351	139,275	163,014	164,548
Wash . . . . .	6	3,242	640,073	228,514	298,393	301,999
W. Va . . . . .	2	1,573	17,438	17,460	18,622	20,643
Wis . . . . .	17	20,202	1,470,442	875,697	986,009	1,014,497
Wyo . . . . .	1	721	190,126	100,840	125,100	108,657
U.S . . . . .	423	371,603	32,654,781	18,393,998	20,656,325	20,134,555
P.R . . . . .	1	768	19,418	24,112	24,220	25,758
Total . . . . .	424	372,371	32,674,199	18,418,110	20,680,545	20,160,313

<sup>1</sup>Includes renewals.

<sup>2</sup>Massachusetts and Rhode Island are served by the Production Credit Association in Connecticut; New Hampshire is served by association in Connecticut and Vermont.

Farm Credit Administration.

**Table 683.—Farmers Home Administration: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1966–81<sup>1</sup>**

Year	Association loans			Water and waste loans			Recreation loans			Watershed and flood prevention organization loans		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing 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>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>
1966	1,181	190,346	163,390	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	38	6,319	16,557
1967	1,276	234,911	289,142	655	156,788	636,252	104	12,915	91,232	27	7,261	20,108
1968	836	161,112	466,334	663	158,052	764,581	29	4,276	97,240	23	4,979	25,639
1969	( <sup>3</sup> )	( <sup>3</sup> )	647,369	892	296,303	868,968	18	1,149	97,240	18	2,851	29,280
1970	.....	.....	.....	690	319,345	1,010,804	.....	.....	98,646	23	13,940	40,671
1971	.....	.....	.....	688	430,439	1,197,399	1	484	103,514	12	8,917	44,224
1972	.....	.....	.....	679	572,160	1,453,806	( <sup>4</sup> )	142	98,641	26	18,643	50,029
1973	.....	.....	.....	648	456,125	1,900,706	( <sup>4</sup> )	46	100,640	13	19,800	54,972
1974	.....	.....	.....	631	472,932	2,143,117	( <sup>5</sup> )	( <sup>5</sup> )	98,954	12	6,877	58,748
1975	.....	.....	.....	1,076	693,046	2,584,580	.....	.....	91,140	8	5,166	60,916
1976	.....	.....	.....	789	824,234	2,908,602	.....	.....	87,753	11	11,692	67,704
1977	.....	.....	.....	846	876,650	3,620,983	.....	.....	684,649	3	4,818	67,550
1978	.....	.....	.....	874	764,248	4,220,819	.....	.....	82,069	9	11,947	69,891
1981	.....	.....	.....	.....	.....	.....	.....	.....	79,400	.....	.....	70,674

  

Year	Resource conservation and development and rural renewal loans			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing 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>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>
1966	6	1,237	1,387	.....	.....	.....	.....	.....	.....	320	3,525	2,578
1967	22	2,296	2,031	.....	.....	.....	.....	.....	.....	442	4,592	6,289
1968	47	3,972	4,413	.....	.....	.....	.....	.....	.....	234	5,587	9,803
1969	31	3,087	7,724	.....	.....	.....	.....	.....	.....	56	2,469	13,077
1970	20	1,778	9,246	.....	.....	.....	.....	.....	.....	7	467	15,658
1971	20	1,615	10,790	.....	.....	.....	.....	.....	.....	13	1,033	15,460
1972	15	1,303	11,991	.....	.....	.....	.....	.....	.....	( <sup>7</sup> )	( <sup>7</sup> )	15,426
1973	22	3,409	12,531	4	1,169	.....	2	212	.....	.....	.....	14,422
1974	15	1,178	12,855	484	246,012	.....	165	67,779	.....	.....	.....	13,311
1975	14	1,741	13,842	622	408,435	757	399	276,632	8,863	.....	.....	12,445
1976	17	2,388	14,457	412	391,703	8,661	291	192,895	85,786	.....	.....	11,392
1977	8	1,006	11,764	504	377,619	11,201	282	188,397	208,381	.....	.....	8,566
1978	4	1,137	12,147	1,168	1,150,006	20,511	352	245,373	324,373	.....	.....	6,896
1979	9	1,878	12,942	1,275	1,104,011	62,256	521	274,689	463,623	.....	.....	6,128
1980	6	1,850	13,392	812	1,169,050	33,404	564	238,793	700,841	.....	.....	4,592
1981	.....	.....	14,307	.....	.....	32,916	.....	.....	937,483	.....	.....	4,237

<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.

<sup>2</sup> Included in "Association loans" through 1968; data unavailable for reporting association loan types for the calendar year.

<sup>3</sup> Beginning in calendar year 1969, association loan funds were reported by project type.

<sup>4</sup> Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year.

<sup>5</sup> Funding for this program is no longer available.

<sup>6</sup> Latest data available as of September 30, 1978.

<sup>7</sup> Discontinued

**Table 684.—Farmers Home Administration: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1966–81<sup>1</sup>**

Year	Loans to individuals														
	Farm ownership			Soil and water			Recreation			Operating			Emergency		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing 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>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>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	
1966	10,665	239,111	1,163,211	858	3,759	20,970	.....	.....	17,380	282,860	630,691	19,668	108,527	65,774	
1967	9,856	243,041	1,333,004	879	4,367	20,867	.....	.....	18,694	302,468	627,954	14,989	96,162	71,682	
1968	9,093	226,383	1,487,682	1,009	5,354	21,339	10	419	.....	16,168	283,226	662,690	18,540	125,979	77,488
1969	9,574	275,613	1,620,777	934	5,146	23,793	76	2,199	100	15,357	278,196	669,407	8,588	81,237	90,794
1970	7,693	240,814	1,800,418	803	3,859	26,070	30	897	2,301	13,727	280,998	660,368	9,148	96,617	70,551
1971	9,809	321,690	1,952,869	1,411	8,613	27,005	23	1,019	3,556	14,178	287,289	677,175	15,909	129,913	71,947
1972	10,891	345,199	2,162,881	872	5,044	32,080	37	1,778	4,414	15,280	330,908	658,468	22,538	166,986	76,005
1973	11,029	387,985	2,293,604	372	2,509	32,712	27	1,416	5,827	20,296	471,798	680,181	20,296	491,921	73,295
1974	8,263	364,979	2,446,213	368	3,631	30,440	12	811	6,710	23,903	544,218	777,752	30,257	184,802	81,864
1975	7,278	355,161	2,644,583	509	6,645	30,541	15	664	7,314	19,166	536,988	923,550	40,201	880,885	109,764
1976	9,553	496,299	2,826,745	3,641	57,211	31,104	24	1,835	7,771	16,549	549,531	1,026,091	8,507	734,731	752,209
1977	9,026	501,871	3,040,062	3,334	60,493	77,283	18	1,079	8,929	15,529	539,233	1,033,648	29,707	1,855,311	842,215
1978	10,469	629,639	3,300,445	2,934	53,159	130,084	27	1,677	9,709	23,105	851,109	1,077,517	36,003	2,931,858	2,066,970
1979	9,743	831,493	3,609,729	2,158	53,683	174,658	22	2,722	10,795	19,892	949,165	1,487,523	24,568	2,857,515	4,299,570
1980	9,308	830,623	4,280,875	2,333	55,720	218,573	16	1,855	12,588	16,612	812,559	1,599,927	19,339	2,448,908	6,104,375
1981	.....	.....	4,876,025	.....	.....	262,050	.....	.....	14,133	.....	.....	1,854,400	.....	.....	7,316,141

Year	Loans to associations									Economic opportunity individual loans			Economic emergency loans			Emergency livestock loans		
	Indian tribe land acquisition			Grazing association			Irrigation, drainage, and soil conservation			New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1									
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i> <sup>(2)</sup>	<i>1,000 dollars</i> <sup>(2)</sup>	<i>1,000 dollars</i> <sup>(2)</sup>	<i>Number</i> <sup>(2)</sup>	<i>1,000 dollars</i> <sup>(2)</sup>	<i>1,000 dollars</i> <sup>(2)</sup>	<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>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,353	24,511	27,861	.....	.....	.....	.....	.....	.....
1967	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,110	29,134	46,022	.....	.....	.....	.....	.....	.....
1968	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,017	15,221	66,589	.....	.....	.....	.....	.....	.....
1969	.....	.....	.....	75	11,889	.....	15	646	.....	2,825	5,246	70,184	.....	.....	.....	.....	.....	.....
1970	.....	.....	.....	34	7,693	73,554	15	204	6,281	1,214	3,583	61,987	.....	.....	.....	.....	.....	.....
1971	5	5,000	.....	23	4,885	80,248	9	1,323	6,011	388	1,245	52,647	.....	.....	.....	.....	.....	.....
1972	4	4,490	795	28	6,172	83,076	10	903	6,780	<sup>(3)</sup>	<sup>(3)</sup>	41,991	.....	.....	.....	.....	.....	.....
1973	1	2,850	4,703	11	3,899	84,048	7	338	6,950	.....	.....	31,513	.....	.....	.....	.....	.....	.....
1974	3	9,786	8,910	10	2,677	81,297	5	940	7,097	.....	.....	22,968	.....	.....	.....	.....	.....	.....
1975	8	8,715	16,864	9	4,290	77,553	12	1,336	9,822	.....	.....	17,213	.....	.....	.....	2,708	323,723	.....
1976	0	11,063	23,109	9	3,937	77,073	12	4,812	7,960	.....	.....	12,559	.....	.....	.....	2,339	361,490	.....
1977	4	13,414	33,123	6	4,948	77,589	9	5,274	9,541	.....	.....	8,281	.....	.....	.....	1,038	169,552	.....
1978	0	6,500	45,658	3	1,703	78,314	2	86	12,710	.....	.....	5,708	6,400	562,267	.....	315	60,340	.....
1979	1	11,000	450,845	4	5,585	478,371	7	1,019	413,240	.....	.....	3,943	40,196	3,168,639	.....	50	13,392	.....
1980	1	6,380	60,012	0	160	75,262	3	233	18,322	.....	.....	2,831	24,931	1,890,174	3,237,312	<sup>(3)</sup>	<sup>(3)</sup>	.....
1981	.....	.....	62,386	.....	.....	74,638	.....	.....	18,255	.....	.....	1,945	.....	4,517,983	.....	.....	.....	.....

<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.

<sup>2</sup>Included in "Association loans" through 1968 (see table 684). Data unavailable for

reporting association project types for the calendar year.

<sup>3</sup>Discontinued.

<sup>4</sup>Latest data available as of September 30, 1978.

Farmers Home Administration.

**Table 685.—Farmers Home Administration: Loans made to individuals and organizations for housing purposes, and loans outstanding, United States and Territories, 1966–81<sup>1</sup>**

Year	Rural housing loans			Farm labor housing loans		
	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>
1966	39,383	338,011	701,092	18	2,721	1,945
1967	53,781	493,000	977,565	32	4,171	2,270
1968	53,754	501,084	1,402,636	32	4,845	4,056
1969	55,119	559,440	1,813,352	21	3,323	10,380
1970	89,786	1,060,754	2,241,988	15	1,398	15,100
1971	105,648	1,412,549	3,109,227	12	240	16,814
1972	120,988	1,807,063	4,328,708	76	3,810	16,789
1973	85,286	1,394,506	5,694,574	18	9,969	18,938
1974	102,005	1,939,622	6,700,675	61	8,972	20,735
1975	112,071	2,334,202	8,051,996	97	8,066	23,336
1976	94,522	2,054,706	9,815,075	71	10,366	26,945
1977	113,365	2,687,028	11,083,704	87	5,490	30,803
1978	114,018	3,060,481	12,596,054	85	11,665	38,285
1979	85,435	2,556,434	14,495,475	207	36,034	240,542
1980	84,239	2,765,947	16,130,400	181	24,974	54,631
1981			18,075,547			74,984

  

Year	Rural rental housing loans			Rural housing site and self-help land development		
	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>
1966	87	4,792	3,437			
1967	157	7,303	7,947			
1968	327	16,973	13,782			
1969	346	21,458	15,468			
1970	417	29,395	48,790	10	470	
1971	311	29,168	77,349	25	1,738	130
1972	390	48,836	105,755	17	1,693	1,730
1973	445	96,555	139,266	14	2,181	2,248
1974	637	205,580	175,860	9	1,787	2,381
1975	1,034	330,757	283,906	6	1,531	3,369
1976	1,090	433,253	531,051	5	954	4,526
1977	1,243	646,798	758,726	10	2,098	4,789
1978	1,157	729,231	1,069,590	9	3,891	4,688
1979	1,153	852,689	2 <sup>1</sup> 1,369,615	19	4,039	24,481
1980	1,087	783,683	2,403,332	7	928	5,283
1981			3,210,140			7,551

<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.

<sup>2</sup>Latest data available as of September 30, 1978.

Farmers Home Administration.

**Table 686.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1966–81<sup>1</sup>**

Year	Commodity loans	Operating capital loans	Facility loans	Year	Commodity loans	Operating capital loans	Facility loans
1966	133,330	522,790	399,043	1974	1,306,431	1,283,396	1,283,396
1967		2 588,646	701,173	1975	1,991,100	1,595,388	1,595,388
1968		706,218	800,165	1976	2,109,854	1,878,007	1,878,007
1969		694,681	882,279	1977	2,721,034	2,340,635	2,340,635
1970		781,947	950,024	1978	2,900,182	2,831,537	2,831,537
1971		1,019,717	1,019,147	1979	3,028,524	3,188,501	3,188,501
1972		928,696	1,084,795	1980	4,369,672	3,777,786	3,777,786
1973		1,148,266	1,149,539	1981	5,215,865	4,289,665	4,289,665

See footnotes on page 489.



**Table 687.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1966–79**

Year <sup>1</sup>	Cooperatives <sup>2</sup>				Estimated memberships <sup>4</sup>				Estimated service receipts <sup>5</sup>
	Market- ing	Farm supply	Related service <sup>3</sup>	Total	Market- ing	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>	<i>Million dollars</i>
1966	5,076	2,871	178	8,125	3,299	3,169	34	6,502	318
1967	4,929	2,835	176	7,940	3,225	3,187	34	6,446	316
1968	4,773	2,793	181	7,747	3,141	3,190	33	6,364	351
1969	4,834	2,775	181	7,790	3,103	3,222	30	6,355	391
1970	5,097	2,731	167	7,995	3,105	3,028	25	6,158	414
1971	4,864	2,781	152	7,797	3,134	2,991	22	6,147	462
1972	4,897	2,801	156	7,854	3,118	2,988	22	6,128	503
1973	4,822	2,778	155	7,755	3,111	2,972	22	6,105	658
1974	4,770	2,729	146	7,645	3,126	2,972	25	6,123	745
1975	4,658	2,731	146	7,535	2,812	3,056	38	5,906	855
1976/77	4,008	2,593	135	6,736	2,655	3,066	37	5,758	893
1978 <sup>6</sup>	3,930	2,550	120	6,600	2,595	3,063	37	5,695	948
1979	3,825	2,507	113	6,445	2,531	3,060	36	5,627	1,054

  

Year <sup>1</sup>	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</sup>	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</sup>	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</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>
1966	16,265	12,900	5,314	3,339	21,897	16,557
1967	16,557	13,189	5,565	3,545	22,438	17,050
1968	16,841	13,421	5,643	3,615	22,835	17,387
1969	18,389	14,816	5,986	3,873	24,766	19,080
1970	20,118	15,802	6,749	4,340	27,281	20,556
1971	20,795	16,463	7,396	4,740	28,653	21,665
1972	25,110	19,573	8,841	5,915	34,454	25,991
1973	35,632	26,944	11,395	7,764	47,685	35,366
1974	40,313	31,937	13,416	8,660	54,474	41,342
1975	39,402	29,783	15,554	9,412	55,811	40,050
1976/77	40,804	32,134	17,791	10,557	59,488	43,584
1978 <sup>6</sup>	45,072	35,306	18,605	11,052	64,625	47,305
1979	53,669	41,693	22,670	13,521	77,392	56,268

<sup>1</sup> Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following year, with limited exceptions. Reports of cooperatives are included for the calendar year beginning 1978.

<sup>2</sup> Includes independent local cooperatives, centralized cooperatives, and federations of cooperatives. 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> Estimated.

<sup>7</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>8</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.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

FOOTNOTES FOR TABLE 686

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

<sup>2</sup> Seasonal loans, beginning 1967.

<sup>3</sup> Term loans, beginning 1967.

Farm Credit Administration.

**Table 688.—Farmers' cooperatives: Number of marketing, farm supply, and related service cooperatives and business volume, United States, 1976-77 and 1979**  
(preliminary)

Item	Cooperatives handling		Gross business		Net business <sup>1</sup>	
	1976-77	1979 <sup>2</sup>	1976-77	1979 <sup>2</sup>	1976-77	1979 <sup>2</sup>
Products marketed:	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Beans and peas (dry edible) . . . . .	51	59	106,988	136,231	98,507	103,397
Cotton and cotton products . . . . .	500	473	1,538,105	1,738,978	1,293,251	1,435,538
Dairy products . . . . .	558	495	10,044,108	12,800,087	9,135,735	11,592,363
Fruits and vegetables . . . . .	424	405	4,009,020	5,563,264	2,850,016	3,925,330
Grain, soybeans, and soybean meal and oil . . . . .	2,452	2,489	17,744,291	23,152,025	11,852,417	14,948,459
Livestock and livestock products . . . . .	479	499	3,452,499	5,525,980	3,154,224	5,140,517
Nuts . . . . .	42	48	658,072	875,594	658,071	875,594
Poultry products . . . . .	93	76	936,738	1,152,575	798,670	1,027,450
Rice . . . . .	60	60	705,354	853,856	705,354	853,856
Sugar products . . . . .	62	46	1,167,073	1,255,352	1,160,890	1,208,736
Tobacco . . . . .	33	33	202,758	239,541	202,758	239,006
Wool and mohair . . . . .	172	152	40,344	55,847	25,344	32,096
Miscellaneous <sup>3</sup> . . . . .	111	111	198,471	319,480	198,471	311,007
<b>Total farm products . . . . .</b>	<b>4,589</b>	<b>4,433</b>	<b>40,803,821</b>	<b>53,668,810</b>	<b>32,133,709</b>	<b>41,693,349</b>
Supplies purchased:						
Building materials . . . . .	2,274	2,243	474,089	577,527	371,620	486,720
Containers . . . . .	641	687	246,550	311,627	114,873	111,200
Farm chemicals . . . . .	3,689	3,877	1,159,992	1,543,289	693,582	948,498
Farm machinery and equipment . . . . .	1,807	1,940	488,981	675,124	294,125	385,022
Feed . . . . .	3,821	3,796	4,229,015	4,821,879	2,835,287	3,189,216
Fertilizer . . . . .	3,909	3,972	4,467,177	5,235,399	2,426,662	2,754,971
Meats and groceries . . . . .	499	485	140,654	239,145	91,726	184,311
Petroleum products . . . . .	3,025	3,062	4,175,406	6,869,756	2,514,231	3,827,146
Seed . . . . .	3,677	3,805	523,570	603,883	374,451	456,199
Other supplies <sup>5</sup> . . . . .	4,407	4,517	1,345,368	1,792,189	840,900	1,178,206
<b>Total farm supplies . . . . .</b>	<b>45,320</b>	<b>45,212</b>	<b>17,790,803</b>	<b>22,669,818</b>	<b>10,557,457</b>	<b>13,521,489</b>
Receipts for services:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous . . . . .	4,783	4,764	6,892,976	6,105,559	6,892,976	6,105,559
<b>Total business . . . . .</b>	<b>46,722</b>	<b>46,445</b>	<b>59,487,600</b>	<b>77,392,187</b>	<b>43,584,142</b>	<b>56,268,397</b>

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. <sup>2</sup> Reports of cooperatives are included for the calendar year beginning 1978. <sup>3</sup> Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified. <sup>4</sup> Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or providing individual service. Inactive cooperatives not included. <sup>5</sup> Includes automotive supplies, hardware, chicks, and other supplies not separately classified. <sup>6</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

**Table 689.—Farmers' cooperatives: Types, numbers, and memberships, United States**

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply, and related service:		<i>Number</i>	<i>Number</i>
Marketing <sup>1</sup> . . . . .	1979 <sup>2</sup> . . . . .	<sup>3</sup> 3,825	2,530,733
Farm supply <sup>1</sup> . . . . .	1979 <sup>2</sup> . . . . .	<sup>4</sup> 2,507	3,080,020
Related service <sup>1,5</sup> . . . . .	1979 <sup>2</sup> . . . . .	<sup>6</sup> 113	36,443
Service:			
Federal land bank associations <sup>7</sup> . . . . .	Dec. 31, 1979 . . . . .	505	<sup>8</sup> 548,755
Production credit associations <sup>7</sup> . . . . .	Dec. 31, 1979 . . . . .	425	517,456
Banks for cooperatives <sup>7</sup> . . . . .	Dec. 31, 1979 . . . . .	13	<sup>9</sup> 3,152
Rural credit unions <sup>10</sup> . . . . .	Dec. 31, 1979 . . . . .	1,184	2,483,060
Rural electric cooperatives <sup>11</sup> . . . . .	Dec. 31, 1979 . . . . .	<sup>12</sup> 920	<sup>13</sup> 8,569,137
Rural telephone cooperatives <sup>11</sup> . . . . .	Dec. 31, 1979 . . . . .	247	906,695
Production:			
Dairy herd improvement associations <sup>14</sup> . . . . .	Jan. 1, 1980 . . . . .	1,025	37,573

See footnotes on page 494.

**Table 690.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1976-77 and 1979 (preliminary)**

State	Cooperatives head-quartered in State		Cooperatives doing business in State <sup>1</sup>		Memberships in State		Net business <sup>2</sup>	
	1976-77	1979 <sup>3</sup>	1976-77	1979 <sup>3</sup>	1976-77	1979 <sup>3</sup>	1976-77	1979 <sup>3</sup>
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	100	114	115	133	109,589	114,526	535,433	806,074
Alaska	1	1	1	1	18	18	( <sup>4</sup> )	( <sup>4</sup> )
Ariz	21	21	34	36	92,489	98,818	339,800	488,404
Ark	117	120	141	147	98,218	100,816	834,213	965,595
Calif	271	245	282	256	83,865	70,340	<sup>5</sup> 3,784,018	<sup>5</sup> 4,260,930
Colo	79	84	91	98	44,765	44,857	477,249	708,309
Conn	7	5	15	14	5,147	4,906	101,591	114,557
Del	7	5	12	14	12,915	10,500	52,024	65,780
Fla	89	80	105	98	61,391	62,369	1,018,003	1,370,509
Ga	93	93	106	108	161,896	155,022	759,520	1,161,252
Hawaii	16	23	19	25	2,278	3,686	28,666	29,523
Idaho	60	62	81	82	38,593	43,461	351,861	509,787
Ill	270	292	295	314	287,358	311,663	3,048,426	3,784,556
Ind	105	98	135	125	331,591	301,521	1,715,702	2,028,343
Iowa	402	387	437	418	304,596	322,759	3,441,800	4,852,386
Kans	257	246	278	269	209,429	207,300	1,754,551	2,316,450
Ky	77	73	89	87	251,393	252,272	449,978	540,532
La	91	92	105	110	17,749	18,339	390,271	567,175
Maine	10	11	15	17	7,490	8,584	117,757	91,812
Md	33	31	47	45	52,285	46,374	378,361	479,830
Mass	16	14	19	20	10,805	10,523	175,838	213,480
Mich	141	124	162	141	138,858	100,459	1,117,704	1,393,877
Minn	768	741	794	766	573,147	551,686	3,087,482	4,293,089
Miss	130	127	151	145	119,246	123,579	668,734	813,357
Mo	154	129	182	161	266,281	231,869	1,523,518	2,017,275
Mont	156	143	168	157	61,937	65,716	343,875	376,502
Nebr	316	290	341	314	209,729	224,375	1,481,742	2,499,708
Nev	3	4	13	13	197	156	22,529	18,656
N.H.	7	4	14	12	6,456	3,077	69,204	64,412
N.J.	33	26	41	36	14,993	13,083	181,000	234,390
N. Mex	22	23	37	32	5,519	5,432	84,897	47,700
N.Y.	256	241	270	255	141,843	143,558	1,447,899	1,636,051
N.C.	39	34	52	51	142,693	135,719	454,817	593,096
N. Dak	455	431	471	447	195,274	179,225	1,294,569	1,427,767
Ohio	194	186	213	208	204,807	183,659	1,618,487	1,998,986
Okla	149	146	168	163	97,532	96,923	796,239	1,153,975
Oreg	65	60	82	75	55,000	62,308	593,702	720,706
Pa	95	89	115	109	72,547	72,994	1,085,519	1,363,682
R.I.	1	1	5	6	868	827	23,320	24,813
S.C.	24	21	36	38	65,145	68,450	163,315	218,867
S. Dak	244	244	261	260	169,390	169,217	675,079	786,460
Tenn	100	102	122	123	156,938	152,957	469,458	634,308
Tex	424	411	445	431	143,585	140,914	1,920,600	2,354,832
Utah	38	33	46	42	21,571	21,823	245,396	328,305
Vt	9	9	15	16	6,967	7,276	251,436	305,639
Va	109	110	124	125	182,694	175,512	551,905	749,366
Wash	135	129	153	145	74,338	81,661	1,111,028	1,367,071
Wis	71	57	89	72	72,291	70,335	90,255	115,277
W. Va	451	410	474	435	364,687	347,985	2,297,135	3,082,243
Wyo	25	23	36	34	9,092	7,538	46,008	55,599
United States	6,736	6,445	.....	7,229	5,757,435	5,626,947	43,471,914	56,033,293
Foreign	.....	.....	10	12	293	249	<sup>6</sup> 112,228	<sup>6</sup> 235,104
Total	6,736	6,445	.....	7,241	5,757,728	5,627,196	43,584,142	56,268,397

<sup>1</sup> Includes cooperatives headquartered both in and outside the State handling business originating in the State. No totals can be shown because of duplication.

<sup>2</sup> Represents value at the first level at which cooperatives transact business for farmers.

<sup>3</sup> Reports of cooperatives are included for the calendar year, beginning 1978.

<sup>4</sup> Included in the dollar volume of California.

<sup>5</sup> Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

<sup>6</sup> Sales outside the United States, and to domestic military installations, and sales of certain products not received directly from member-patrons.

Table 691.—Rural Electrification Administration: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1981<sup>1</sup>

State and Territory	Borrowers	Total financing			Financing to cooperative associations <sup>3</sup>		Financing by purpose			Miles of line provided for by financing <sup>(6)</sup>	Consumers provided for by financing <sup>(6)</sup>
		REA loans	Non-REA financing		Borrowers	Amount <sup>(2)(4)</sup>	Distribution	Generation and transmission <sup>2,4</sup>	Consumer facilities <sup>5</sup>		
			With REA guarantee	Without REA guarantee <sup>2</sup>							
Number	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number	
Ala . . . . .	27	322,145	270,873	32,721	24	611,757	252,856	371,524	1,359	51,408	392,757
Alaska . . . . .	14	495,374	130,584	40,971	13	663,985	238,303	427,538	1,089	8,200	115,026
Ariz . . . . .	13	129,559	298,779	13,488	8	436,352	80,637	360,699	490	9,931	77,829
Ark . . . . .	21	489,213	632,588	49,023	20	1,170,301	369,705	796,647	4,471	57,947	334,482
Calif . . . . .	10	58,001	0	1,325	7	34,775	48,369	10,900	56	5,853	71,124
Colo . . . . .	24	688,841	1,388,345	107,477	24	2,184,663	410,478	1,774,111	74	56,411	236,300
Conn . . . . .	0	0	0	0	0	0	0	0	0	0	0
Del . . . . .	1	25,884	0	5,747	1	31,630	29,826	1,802	3	3,188	30,458
Fla . . . . .	18	385,254	1,113,388	80,725	16	1,579,155	400,433	1,176,416	2,519	44,072	431,416
Ga . . . . .	48	477,286	2,141,677	121,944	46	2,740,644	567,176	2,170,772	2,959	97,353	756,478
Hawaii . . . . .	0	0	0	0	0	0	0	0	0	0	0
Idaho . . . . .	10	93,189	0	10,313	10	103,502	83,666	18,639	1,197	10,871	41,304
Ill . . . . .	31	360,801	461,485	38,724	30	860,929	292,979	567,819	212	53,545	222,419
Ind . . . . .	48	307,833	1,082,684	45,902	47	1,435,989	249,616	1,186,087	716	49,048	329,824
Iowa . . . . .	57	534,042	197,502	51,432	54	781,376	309,596	472,983	397	64,787	182,128
Kans . . . . .	37	410,112	557,147	12,409	36	979,662	304,422	674,831	415	67,588	159,651
Ky . . . . .	29	725,597	1,958,759	194,535	28	2,878,889	454,020	2,423,712	1,159	71,634	523,983
La . . . . .	20	361,063	1,692,381	79,409	18	2,124,356	309,459	1,823,217	177	40,994	328,954
Maine . . . . .	4	18,404	0	632	4	19,036	15,048	3,944	44	1,709	13,228
Md . . . . .	2	110,523	0	24,032	2	134,556	108,663	25,893	0	10,026	91,848
Mass . . . . .	0	0	0	0	0	0	0	0	0	0	0
Mich . . . . .	15	258,024	407,319	16,216	15	681,559	170,427	510,659	473	29,118	196,622
Ill . . . . .	52	698,675	1,241,052	85,384	50	2,024,153	497,122	1,523,643	4,346	103,176	417,118
Miss . . . . .	29	387,571	609,913	44,448	27	1,039,886	348,779	692,459	694	70,003	472,192
Mo . . . . .	49	846,867	1,610,679	98,370	48	2,555,881	532,067	2,023,028	821	106,875	501,881
Mont . . . . .	26	181,702	5,769	10,013	26	197,484	167,256	29,999	229	40,346	90,288
Neb . . . . .	36	360,462	0	11,933	4	48,127	28,454	91,378	562	73,581	160,756
Nev . . . . .	8	47,981	0	845	3	41,490	33,008	15,570	248	4,888	12,312
N.H . . . . .	1	52,719	0	333	1	53,051	50,625	2,395	32	3,915	44,701
N.J . . . . .	2	9,787	0	1,782	2	11,569	10,424	1,141	4	798	10,746
N. Mex . . . . .	18	219,283	324,240	12,019	17	555,409	150,291	402,242	3,010	34,143	119,395
N.Y . . . . .	6	18,466	0	2,663	5	19,265	20,652	392	85	4,296	19,799
N.C . . . . .	35	400,561	936,000	129,462	30	1,465,128	419,600	1,041,788	4,635	61,794	519,634
N. Dak . . . . .	27	709,498	2,284,077	347,178	25	3,335,153	271,334	3,067,433	1,986	66,583	98,672
Ohio . . . . .	29	285,326	45,610	385,365	28	710,059	247,744	468,339	218	37,562	246,570
Okla . . . . .	29	565,381	969,284	54,000	27	1,588,364	481,155	1,104,833	2,676	88,010	356,925
Oreg . . . . .	18	193,805	69,827	28,501	17	284,872	191,210	100,686	237	20,726	105,398
Pa . . . . .	13	153,100	406,408	27,665	13	587,173	173,071	413,863	239	23,171	164,834
R.I . . . . .	0	0	0	0	0	0	0	0	0	0	0
S.C . . . . .	27	381,508	325,699	67,748	25	770,449	309,959	462,765	2,231	49,186	372,500
S. Dak . . . . .	34	331,576	11,978	9,213	34	352,766	254,516	97,369	881	62,741	117,457
Tenn . . . . .	32	258,188	0	43,727	20	282,602	299,820	2,050	45	60,519	575,029
Tex . . . . .	99	1,215,297	526,881	147,194	97	1,831,637	1,021,298	865,550	2,524	222,180	938,776
Utah . . . . .	6	51,487	81,136	4,622	6	137,245	32,424	104,697	124	4,977	18,397
Vt . . . . .	2	44,454	0	2,631	2	47,084	27,737	18,444	903	2,590	16,082
Va . . . . .	19	292,247	0	56,465	18	348,519	325,258	22,788	667	35,151	254,264
Wash . . . . .	23	158,519	0	19,173	11	131,186	167,825	9,615	252	19,770	92,631
W. Va . . . . .	1	5,047	0	0	1	5,047	5,042	0	5	689	4,545
Wis . . . . .	31	389,158	260,359	45,407	30	694,834	184,660	508,456	1,809	40,073	170,032
Wyo . . . . .	15	177,727	0	7,582	14	185,230	136,506	48,702	101	26,349	66,305
U.S . . . . .	1,096	14,687,537	22,042,423	2,570,748	984	38,756,779	11,335,516	27,917,818	47,374	1,997,775	10,503,070
P.R . . . . .	1	166,190	0	0	0	0	136,481	29,709	0	12,844	313,037
V.I . . . . .	2	3,350	0	0	0	0	2,691	659	0	176	5,457
Total . . . . .	1,099	14,857,077	22,042,423	2,570,748	984	38,756,779	11,474,688	27,948,186	47,374	2,010,795	10,821,564

<sup>1</sup> State totals represent data for borrowers incorporated within the State.  
<sup>2</sup> Includes loans obtained by REA borrowers' affiliates specifically organized to facilitate non-REA financing.  
<sup>3</sup> Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$407,417,471; municipalities and other Government authorities, 35 borrowers, \$277,489,375; power companies, 26 borrowers, \$28,562,038.  
<sup>4</sup> Includes \$22,042,423,000 in REA guarantee commitments made as of Jan. 1, 1981.  
<sup>5</sup> Funds loaned to corporate borrowers for lending to individuals. Includes wiring, plumbing, and refrigeration installations.  
<sup>6</sup> Includes miles energized and consumers served, shown in table 692 and 693.

Table 692.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1980, by States and Territories<sup>1</sup>

State and Territory	Total advances as of Jan. 1, 1981 <sup>2,3</sup>	Statistics for borrowers in operation								
		As of Jan. 1, 1981			Calendar year 1980					
		Bor- rowers	Miles ener- gized <sup>4</sup>	Con- sum- ers served <sup>4</sup>	Kw.-hr. generated	Kw.-hr. pur- chased <sup>5</sup>	Kw.-hr. sales <sup>6</sup>	Total rev- enue <sup>6</sup>	Average monthly kw.-hr. consumption per consumer	
									All con- sum- ers	Resi- den- tial con- sum- ers <sup>7</sup>
	<i>1,000 dollars</i>	<i>Num- ber</i>	<i>Miles</i>	<i>Num- ber</i>	<i>1,000 kw.-hr</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 dollars</i>	<i>Kw.- hr.</i>	<i>Kw.- hr.</i>
Ala	296,343	26	52,075	341,538	1,238,417	6,481,817	4,976,760	230,898	1,133	967
Alaska	432,662	14	7,369	101,992	1,942,830	623,503	1,872,936	106,736	1,991	943
Ariz	119,312	13	10,591	73,956	2,212,960	2,552,076	3,038,593	130,754	2,253	579
Ark	445,842	21	55,826	267,915	2,266,289	8,302,731	3,702,263	185,272	1,173	859
Calif	55,193	9	5,298	44,046	0	525,140	487,239	15,122	1,422	921
Colo	637,011	24	53,501	230,760	3,617,840	7,735,066	4,767,822	201,117	1,470	778
Conn	0	0	0	0	0	0	0	0	0	0
Del	22,353	1	3,129	30,088	0	325,115	288,039	18,909	810	745
Fla	351,719	18	42,413	383,862	81,722	5,413,491	4,620,572	294,222	1,041	811
Ga	444,461	46	96,667	646,801	6,051,684	10,837,020	8,188,044	374,999	1,100	909
Hawaii	0	0	0	0	0	0	0	0	0	0
Idaho	84,463	10	10,666	39,224	5,129	905,647	823,387	20,878	1,799	1,143
Ill	329,275	30	52,767	202,875	1,456,006	3,208,455	3,055,931	163,142	1,240	981
Ind	285,326	44	49,515	311,470	1,577,643	6,214,531	4,658,679	205,067	1,269	1,068
Iowa	487,861	57	64,065	171,471	2,301,020	4,152,145	3,510,159	155,492	1,452	1,251
Kans	340,979	36	65,069	139,932	698,327	3,055,352	2,469,113	128,121	1,481	838
Ky	685,442	28	69,210	428,477	8,913,049	17,227,473	13,966,880	433,883	2,545	995
La	334,157	17	39,003	261,448	1,424,939	8,227,652	4,623,583	201,438	1,280	1,049
Maine	16,881	4	1,651	12,097	77	97,411	86,444	5,488	597	373
Md	94,095	2	9,750	85,757	0	1,434,682	1,329,046	75,498	1,309	896
Mass	0	0	0	0	0	0	0	0	0	0
Mich	227,004	15	28,292	178,186	460,966	1,981,479	1,324,870	82,027	613	519
Minn	629,434	52	102,872	404,975	3,628,430	8,045,549	6,317,371	298,243	1,140	942
Miss	359,389	29	71,665	425,035	1,838,967	8,149,087	6,402,008	301,957	1,345	921
Mo	777,147	47	104,448	414,797	7,049,641	17,042,767	8,450,214	304,904	1,189	877
Mont	161,183	26	40,993	84,616	0	2,255,799	1,373,974	39,962	1,384	1,039
Nebr	327,055	36	71,200	152,953	2	5,520,222	2,906,474	131,984	1,681	1,092
Nev	43,890	8	4,263	14,047	0	49,127	383,984	11,087	2,419	907
N.H.	49,012	1	3,917	43,804	0	376,785	338,355	23,355	651	511
N.J.	8,751	2	788	10,208	0	79,981	73,787	4,491	818	715
N. Mex	208,379	18	34,762	112,704	263,927	3,544,325	2,142,968	95,709	1,555	460
N.Y.	17,057	5	3,776	16,693	0	121,765	108,313	3,515	888	852
N.C.	366,312	32	61,015	439,807	60	5,782,256	5,202,975	256,443	1,011	860
N. Dak	645,095	27	64,040	89,998	9,027,319	4,632,839	5,989,319	154,613	1,996	1,225
Ohio	267,011	29	37,744	233,905	3,399,446	3,758,740	3,250,198	186,617	1,187	1,002
Okl	512,241	29	85,957	286,861	2,998,249	5,774,694	4,824,456	207,230	1,383	927
Oreg	178,989	18	20,579	95,388	0	2,831,125	2,603,820	55,601	2,359	1,331
Pa	140,590	13	23,026	149,571	0	3,240,692	1,443,843	78,793	795	708
R.I.	0	0	0	0	0	0	0	0	0	0
S.C.	361,333	22	47,921	317,207	0	8,132,595	4,168,340	178,704	1,148	981
S. Dak	290,432	34	61,314	101,844	0	4,297,877	1,717,115	69,658	1,404	1,096
Tenn	238,351	32	61,908	556,237	0	11,887,663	11,121,191	417,943	1,693	1,240
Tex	1,119,023	79	220,014	799,311	2,181,587	13,754,784	11,344,979	546,441	1,194	812
Utah	46,649	6	4,810	17,731	262,858	927,734	987,250	28,880	4,887	879
Vt	32,183	2	2,562	15,567	0	164,720	148,985	8,724	809	705
Va	256,186	15	34,417	225,341	1,433	3,589,472	3,330,669	187,818	1,265	847
Wash	147,286	23	19,349	82,299	2	2,526,790	2,352,783	43,988	2,670	1,597
W. Va	4,859	1	682	4,008	0	31,149	26,285	1,727	553	509
Wis	352,634	31	39,377	158,537	4,144,790	2,318,469	2,750,794	122,957	1,023	905
Wyo	140,544	15	25,020	61,015	9,754	2,449,440	2,249,557	78,048	3,160	940
U.S.	13,371,394	1,047	1,965,096	9,266,354	69,055,363	210,987,232	159,800,367	6,868,455	1,361	935
P.R.	141,862	1	13,565	256,345	481,466	0	442,949	34,078	0	0
V.I.	430	2	97	853	0	0	0	0	0	0
Total	13,513,686	1,050	1,978,758	9,523,552	69,536,929	210,987,232	160,243,316	6,902,533	1,361	935

<sup>1</sup> State totals represent data for borrowers incorporated within the State.  
<sup>2</sup> Actual funds advanced out of REA loans approved, as shown in table 691.  
<sup>3</sup> Cumulative.  
<sup>4</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1981, there were 70 such borrowers with 27,616 miles energized and 158,653 consumers served.  
<sup>5</sup> Includes 99,755,541 thousands Kw.-hr. sold by one REA borrower to another.  
<sup>6</sup> Excludes energy sales and revenues of power sold by one REA borrower to another.  
<sup>7</sup> Includes rural nonfarm and farm consumers.

**Table 693.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1966-81**

Year	Total advances as of Jan. 1 <sup>1</sup>	Statistics for borrowers in operation								
		As of Jan. 1			During year				Average monthly kw.-hr. consumption per consumer	
		Bor- rowers	Miles ener- gized <sup>2</sup>	Con- sumers served <sup>2</sup>	Kw.-hr. gener- ated	Kw.-hr. pur- chased <sup>3</sup>	Kw.-hr. sales <sup>3</sup>	Total revenue <sup>3</sup>	All con- sumers	Resi- den- tial con- sumers <sup>4</sup>
	<i>1,000 dollars</i>	<i>Number</i>	<i>Miles</i>	<i>Number</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 dollars</i>	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>
1966 ..	4,909,826	1,052	1,566,772	5,541,478	11,546,699	42,824,994	48,439,056	911,545	708	515
1967 ..	5,182,750	1,051	1,586,502	5,652,844	13,709,927	45,399,786	52,880,144	977,057	751	543
1968 ..	5,524,114	1,052	1,606,497	5,806,017	14,509,058	50,917,031	58,303,933	1,059,686	812	598
1969 ..	5,934,571	1,052	1,627,445	5,986,140	18,072,872	56,031,381	66,421,021	1,168,306	876	643
1970 ..	6,261,549	1,049	1,650,240	6,196,967	23,813,687	60,478,441	76,009,289	1,309,464	948	687
1971 ..	6,655,111	1,050	1,676,001	6,442,332	27,759,662	65,494,403	84,282,836	1,482,254	998	711
1972 ..	7,059,553	1,048	1,700,348	6,747,698	32,290,340	70,610,260	92,534,163	1,680,718	1,063	754
1973 ..	7,522,195	1,047	1,732,545	7,076,249	32,045,118	79,235,190	100,688,298	1,912,502	1,120	793
1974 ..	8,070,542	1,046	1,766,701	7,457,123	32,795,053	84,520,287	105,690,807	2,316,436	1,149	803
1975 ..	8,755,257	1,047	1,797,525	7,767,813	33,462,818	91,874,602	112,669,814	2,971,882	1,191	840
1976 ..	9,508,607	1,050	1,827,896	8,017,654	38,660,059	100,139,618	124,004,376	3,556,049	1,254	866
1977 ..	10,143,415	1,048	1,857,434	8,311,779	46,014,515	102,626,911	131,547,776	4,212,317	1,313	910
1978 ..	10,868,424	1,051	1,890,173	8,630,818	52,472,215	107,477,358	141,908,005	5,009,862	1,339	937
1979 ..	11,662,272	1,052	1,917,859	8,962,540	60,181,476	109,060,591	150,055,226	5,770,136	1,335	919
1980 ..	12,588,246	1,050	1,950,394	9,275,086	69,536,829	111,231,691	160,243,316	6,902,533	1,361	935
1981 ..	<sup>5</sup> 13,513,686	1,050	1,978,758	9,523,552	.....	.....	.....	.....	.....	.....

<sup>1</sup> Cumulative from organization, May 11, 1935.<sup>2</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1981, there were 70 such borrowers with 27,616 miles energized and 158,653 consumers served.<sup>3</sup> Excludes energy sales and revenues of power sold by one REA borrower to another. Includes patronage capital.<sup>4</sup> Includes rural nonfarm and farm consumers.<sup>5</sup> Actual funds advanced out of REA loans approved, as shown in table 691.

Rural Electrification Administration.

## FOOTNOTES FOR TABLE 689

<sup>1</sup> Agricultural Cooperative Service, U.S. Department of Agriculture.<sup>2</sup> Reports for cooperatives are included for the calendar year beginning 1978.<sup>3</sup> When associations marketing farm products but principally engaged in providing some other services are included, the total is 4,429.<sup>4</sup> When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 5,212.<sup>5</sup> Includes trucking, storage, grinding, locker plant, and other services.<sup>6</sup> When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 4,763.<sup>7</sup> Farm Credit Administration.<sup>8</sup> Represents the number of Federal land bank loans outstanding as of Dec. 31, 1979.<sup>9</sup> Cooperative associations borrowing from banks for cooperatives.<sup>10</sup> Credit Union National Association, Inc.<sup>11</sup> Rural Electrification Administration, U.S. Department of Agriculture.<sup>12</sup> Includes associations that are REA repaid borrowers.<sup>13</sup> Includes only memberships of associations financed by REA.<sup>14</sup> Agriculture Research Service, U.S. Department of Agriculture.

Agricultural Cooperative Service.

**Table 694.—Rural Electrification Administration: Annual revenues and expenses reported by electric borrowers, United States, 1966–80**

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins <sup>1</sup>	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>
1966	1,021,917	706,268	61,946	150,681	120,942	5,352,578
1967	1,108,139	777,279	64,639	158,721	125,194	5,776,334
1968	1,206,781	860,947	67,227	166,099	130,538	6,166,602
1969	1,337,017	968,228	71,451	176,651	140,066	6,592,785
1970	1,535,114	1,147,002	78,108	193,030	144,191	7,175,316
1971	1,766,495	1,343,836	84,346	209,488	156,972	7,708,276
1972	2,025,431	1,556,061	93,324	224,069	185,756	8,313,088
1973	2,337,744	1,823,131	102,730	240,241	220,841	9,043,262
1974	2,905,127	2,387,240	128,036	262,013	180,481	10,109,337
1975	3,887,688	3,257,727	181,127	291,742	210,682	11,845,119
1976	4,725,869	3,976,370	214,947	328,245	264,606	14,031,055
1977	5,802,326	4,878,108	291,138	371,491	340,311	17,265,848
1978	7,038,706	5,924,401	386,331	431,372	389,250	20,352,316
1979	8,061,512	6,735,053	514,826	500,848	443,256	23,620,001
1980	9,706,783	8,149,970	706,931	588,533	396,977	28,444,246

<sup>1</sup>Beginning 1970, includes nonoperating margins, generation and transmission capital credits, and miscellaneous revenue deductions not shown elsewhere in this table. Prior years include nonoperating margins and miscellaneous revenue deductions. Includes patronage capital.

Rural Electrification Administration.

**Table 695.—Rural Electrification Administration: Number and percentage of farms receiving central station electric service, by States, as of Sept. 30, 1980<sup>1</sup>**

State	Farms with service		State	Farms with service	
	<i>Number</i>	<i>Percent<sup>2</sup></i>		<i>Number</i>	<i>Percent<sup>2</sup></i>
Ala	53,450	99	Nebr	62,350	99
Alaska	300	97	Nev	1,800	91
Ariz	5,000	88	N.H	3,150	99
Ark	56,350	99	N.J	7,600	99
Calif	59,400	99	N. Mex	10,450	94
Colo	25,100	98	N.Y	43,550	99
Conn	3,750	99	N.C	97,000	99
Del	2,950	99	N. Dak	39,400	99
Fla	34,650	99	Ohio	94,750	99
Ga	53,450	99	Okla	70,150	99
Hawaii	3,600	90	Oreg	30,200	99
Idaho	23,250	99	Pa	60,400	99
Ill	103,950	99	R.I	710	99
Ind	87,100	99	S.C	34,450	98
Iowa	117,800	99	S. Dak	40,450	99
Kans	71,200	99	Tenn	91,100	99
Ky	93,050	99	Tex	154,850	97
La	34,150	99	Utah	11,850	99
Maine	7,900	99	Vt	6,250	99
Md	16,250	99	Va	59,400	99
Mass	5,150	99	Wash	33,150	99
Mich	62,350	99	W. Va	19,150	98
Minn	102,950	99	Wis	93,050	99
Miss	47,500	99	Wyo	7,100	99
Mo	115,850	99			
Mont	21,100	98	U.S	2,279,860	99

<sup>1</sup>Includes service from REA borrowers and all other suppliers. Estimated by REA.

<sup>2</sup>Percentage is of the total number of farms as estimated for 1980 by the Crop Reporting Board, SRS. State figures are rounded to the nearest whole percentage.

Rural Electrification Administration.

**Table 696. — Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, United States, 1966–80<sup>1</sup>**

Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill
	<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>
1966 . . . . .	749	2.20	16.50	1971 . . . . .	958	2.18	20.80	1976 . . . . .	1,305	3.35	43.70
1967 . . . . .	768	2.17	16.70	1972 . . . . .	1,007	2.23	22.50	1977 . . . . .	1,311	3.68	48.10
1968 . . . . .	819	2.15	17.60	1973 . . . . .	1,048	2.31	24.20	1978 . . . . .	1,334	3.98	53.20
1969 . . . . .	880	2.09	18.40	1974 . . . . .	1,084	2.66	28.80	1979 . . . . .	1,299	4.24	55.10
1970 . . . . .	917	2.12	19.50	1975 . . . . .	1,150	3.07	35.30	1980 . . . . .	1,313	4.72	61.90

<sup>1</sup>Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

**Table 697. — Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, by States, 1979 and 1980<sup>1</sup>**

State	Average monthly kw.-hr. used		Monthly bill		Cost per kw.-hr.	
	1979	1980	1979	1980	1979	1980
	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>
Ala . . . . .	1,000	1,040	47.00	53.00	4.70	5.10
Ariz . . . . .	2,500	2,700	138.00	165.00	5.50	6.10
Ark . . . . .	1,100	1,000	49.50	48.00	4.50	4.80
Calif . . . . .	3,000	2,900	132.00	160.00	4.40	5.50
Colo . . . . .	1,400	1,200	56.00	63.60	4.00	5.30
Conn . . . . .	1,500	1,700	69.00	96.90	4.60	5.70
Del . . . . .	1,600	1,400	80.00	91.00	5.00	6.50
Fla . . . . .	1,750	1,850	97.50	109.00	5.00	5.90
Ga . . . . .	1,250	1,400	58.80	65.80	4.70	4.70
Idaho . . . . .	1,800	1,600	46.80	57.60	2.60	3.60
Ill . . . . .	1,200	1,190	60.00	66.60	5.00	4.60
Ind . . . . .	1,150	1,190	50.60	54.70	4.40	4.90
Iowa . . . . .	1,550	1,520	71.30	74.50	4.60	4.90
Kans . . . . .	1,050	950	50.40	47.50	4.80	5.00
Ky . . . . .	920	1,050	35.90	42.00	3.90	4.00
La . . . . .	1,100	1,300	41.80	55.90	3.80	4.30
Maine . . . . .	1,400	1,400	60.20	79.80	4.30	5.70
Md . . . . .	1,300	1,380	61.10	77.28	4.70	5.60
Mass . . . . .	1,400	1,300	72.80	83.20	5.20	6.40
Mich . . . . .	1,200	1,250	57.60	70.00	4.80	5.60
Minn . . . . .	1,200	1,550	65.60	79.10	4.10	5.10
Miss . . . . .	870	950	40.90	44.70	4.70	4.70
Mo . . . . .	1,000	960	45.00	45.10	4.50	4.70
Mont . . . . .	1,300	1,290	39.00	40.00	3.00	3.10
Nebr . . . . .	1,280	1,260	51.20	60.50	4.00	4.80
Nev . . . . .	2,200	2,150	88.00	104.00	4.00	4.80
N.H . . . . .	2,000	1,800	104.00	112.00	5.20	6.20
N.J . . . . .	1,040	1,300	61.40	97.50	5.90	7.50
N. Mex . . . . .	1,100	1,000	55.00	58.00	5.00	5.80
N.Y . . . . .	1,780	2,050	73.00	100.00	4.10	4.90
N.C . . . . .	1,000	1,010	44.00	45.50	4.40	4.50
N. Dak . . . . .	1,250	1,200	42.50	46.80	3.40	3.90
Ohio . . . . .	1,130	1,100	52.00	57.20	4.60	5.20
Okla . . . . .	920	850	39.60	37.40	4.30	4.40
Oreg . . . . .	1,800	1,900	43.20	57.40	2.40	3.00
Pa . . . . .	1,550	1,500	68.20	70.50	4.40	4.70
R.I . . . . .	1,200	1,290	63.60	78.70	5.30	6.10
S.C . . . . .	1,000	1,100	43.00	50.60	4.30	4.60
S. Dak . . . . .	1,250	1,300	45.00	57.20	3.60	4.40
Tenn . . . . .	950	1,040	31.40	36.40	3.30	3.50
Tex . . . . .	1,200	1,100	55.20	52.80	4.60	4.80
Utah . . . . .	1,000	950	42.00	51.30	4.20	5.40
Vt . . . . .	2,200	2,400	96.80	110.00	4.40	4.60
Va . . . . .	1,100	1,200	51.70	61.20	4.70	5.10
Wash . . . . .	2,650	2,800	42.40	56.00	1.60	2.00
W. Va . . . . .	750	720	29.30	31.00	3.90	4.30
Wis . . . . .	1,680	1,800	72.20	82.80	4.30	4.60
Wyo . . . . .	1,600	1,500	54.40	60.00	3.40	4.00
U.S. . . . .	1,299	1,313	55.10	61.90	4.24	4.72

<sup>1</sup>Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.



**Table 698.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by telephone borrowers, United States, 1966–80**

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin <sup>1</sup>	Total telephone plant <sup>2</sup>
	<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>
1966	814	215,112	117,848	17,900	53,653	26,543	1,298,518
1967	811	238,888	132,228	19,316	60,856	27,322	1,471,165
1968	811	271,697	150,900	21,152	67,780	33,115	1,639,137
1969	805	310,421	172,942	23,097	76,266	38,386	1,827,508
1970	808	362,694	200,917	26,250	86,348	49,281	2,084,584
1971	813	407,405	224,489	30,064	97,600	55,872	2,295,344
1972	822	464,764	256,688	33,752	110,586	62,879	2,569,301
1973	831	555,318	307,457	41,246	127,728	76,801	2,964,312
1974	848	659,732	366,052	53,830	146,475	91,261	3,422,383
1975	858	753,100	422,396	66,202	166,709	95,456	3,849,740
1976	876	899,335	703,300	85,705	195,087	112,397	4,373,731
1977	896	1,086,604	854,119	101,996	232,251	131,485	5,073,933
1978	902	1,305,261	754,020	117,455	270,383	160,807	5,769,947
1979	919	1,539,743	883,890	140,605	312,337	199,589	6,557,728
1980	936	1,757,740	1,015,255	167,764	361,059	216,356	7,388,150

<sup>1</sup> Includes other income and deductions (net), and other fixed charges not shown elsewhere in this table.

<sup>2</sup> Investment in physical plant and related facilities.

Rural Electrification Administration.

**Table 699.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, United States, 1966–81**

Year	Total advances as of Jan. 1 <sup>1</sup>		Operating statistics as of Jan. 1				Revenues for year ending Dec. 31
	REA	RTB	Borrowers reporting	Employees	Total subscribers	Telephones in service	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
1966	1,001,966		816	11,567	1,726,359	2,045,956	215,112
1967	1,088,721		814	12,220	1,825,861	2,195,346	238,888
1968	1,193,344		811	12,827	1,944,334	2,369,153	271,697
1969	1,297,544		811	13,389	2,067,025	2,561,495	310,421
1970	1,412,712		806	14,088	2,184,575	2,754,689	362,694
1971	1,553,050		809	15,448	2,334,511	2,988,849	407,405
1972	1,697,908		813	15,460	2,428,868	3,157,109	464,764
1973	1,820,970	17,492	822	16,300	2,574,814	3,423,892	555,318
1974	1,933,685	80,832	831	17,446	2,725,030	3,713,976	659,732
1975	2,070,171	207,379	848	19,580	2,919,113	4,084,393	753,100
1976	2,211,707	334,737	858	20,045	3,045,292	4,355,445	899,335
1977	2,370,610	429,329	876	21,188	3,283,223	4,796,426	1,086,604
1978	2,526,906	515,020	895	23,475	3,599,069	5,388,071	1,305,261
1979	2,674,893	660,210	902	26,270	3,877,060	5,925,460	1,539,743
1980	2,892,056	793,682	919	27,936	4,072,709	6,335,312	1,757,740
1981	3,150,443	997,293	936	28,441	4,262,359	6,769,860	

<sup>1</sup> Cumulative from organization, Oct. 23, 1949.

<sup>2</sup> Actual funds advanced out of loans approved, as shown in table 701.

Rural Electrification Administration.

**Table 700.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, as of Jan. 1, 1981 and revenues for 1980, by States and Territories<sup>1</sup>**

State and Territory	Total advances as of Jan. 1, 1981 <sup>2,3</sup>		Operating statistics as of Jan. 1, 1981			Revenues for 12 months ending Dec. 31, 1980 <sup>4</sup>
	REA	RTB	Borrowers reporting	Total subscribers	Telephones in service	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
Ala	82,891	36,331	22	99,092	149,423	36,160
Alaska	22,595	31,774	8	31,995	49,752	35,639
Ariz	31,778	24,272	4	84,709	141,767	70,771
Ark	63,941	32,142	18	152,552	224,806	62,924
Calif	48,225	17,475	11	27,609	41,051	19,299
Colo	31,616	10,363	15	22,427	34,958	12,830
Conn	0	0	0	0	0	0
Del	0	0	0	0	0	0
Fla	37,106	18,297	7	73,669	124,240	42,033
Ga	158,870	66,663	28	256,079	409,304	107,132
Hawaii	0	0	0	0	0	0
Idaho	15,259	1,469	8	11,398	19,466	5,171
Ill	60,287	10,858	24	83,406	140,487	30,388
Ind	70,830	13,008	29	84,559	134,973	25,924
Iowa	98,344	8,546	78	159,300	257,360	53,754
Kans	128,439	23,523	33	132,400	217,965	58,078
Ky	141,982	32,041	16	161,859	237,461	48,112
La	59,262	21,910	19	78,816	124,825	35,832
Maine	18,189	11,589	10	49,205	72,975	18,205
Md	2,061	605	1	2,958	4,839	1,170
Mass	915	520	1	1,894	2,804	636
Mich	47,824	13,292	25	85,231	128,457	27,914
Minn	158,329	44,268	63	244,415	372,578	91,506
Miss	55,141	6,036	16	49,973	76,006	15,979
Mo	115,425	33,273	23	216,463	318,251	86,580
Mont	92,501	0	11	33,388	54,942	21,269
Nebr	58,326	9,679	31	60,331	94,712	24,982
Nev	3,101	3,636	4	4,795	8,518	3,943
Nev	9,622	3,607	5	11,892	20,235	6,192
N.H	14,295	11,694	3	24,032	44,515	13,992
N.J	38,044	0	8	12,554	20,207	6,568
N.Mex	31,516	23,663	28	107,637	163,510	37,282
N.Y	136,491	25,861	18	195,713	313,776	63,465
N.C	105,757	9,806	13	62,815	110,217	27,636
N.Dak	11,285	1,826	15	28,928	43,070	8,554
Ohio	113,341	58,155	32	125,279	194,476	53,155
Okla	32,635	17,813	18	53,613	87,795	28,379
Oreg	59,308	100,050	27	282,679	490,610	98,714
Pa	0	0	0	0	0	0
R.I	0	0	0	0	0	0
S.C	125,723	50,938	19	143,540	247,209	56,339
S.Dak	87,828	9,034	20	54,490	91,796	21,041
Tenn	144,292	41,587	21	171,852	270,699	50,442
Tex	274,649	59,801	55	308,525	494,504	168,306
Utah	14,106	2,213	6	8,915	13,810	3,597
Vt	3,090	2,688	4	6,488	10,538	3,047
Va	46,081	12,641	12	45,505	69,331	14,816
Wash	27,516	9,921	15	25,274	38,666	14,196
W.Va	38,479	3,286	10	51,085	70,927	16,205
Wis	168,637	78,470	92	262,095	427,045	95,758
Wyo	9,467	2,669	8	8,244	13,501	5,306
U.S.	3,095,359	997,293	934	4,199,878	6,678,447	1,729,221
Guam	25,084	0	1	16,908	25,503	6,575
P.R.	30,000	0	1	45,573	65,910	21,944
Total	3,150,443	997,293	936	4,262,359	6,769,860	1,757,740

<sup>1</sup> Preliminary, except total advances. State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Actual funds advanced out of loans approved, as shown in table 701.

<sup>3</sup> Cumulative.

<sup>4</sup> Reported 936 borrowers.

Rural Electrification Administration.

**Table 701.—Rural Electrification Administration and Rural Telephone Bank: Telephone financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1980<sup>1</sup>**

State	Total financing				Route miles of line provided for financing (total)	Subscribers provided for by financing		
	Borrowers	REA loans	RTB loans	REA guarantee commitments		Total	To receive initial service	To receive improved service
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Miles</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Ala . . . . .	23	102,286	45,508	11,934	18,045	114,803	97,883	16,920
Alaska . . . . .	10	47,101	37,708	35,443	5,869	44,644	35,261	9,383
Ariz . . . . .	4	32,615	69,972		11,122	90,947	71,994	18,933
Ark . . . . .	19	73,037	36,760	25,244	22,913	154,462	108,977	45,485
Calif . . . . .	12	61,436	23,536	10,440	9,427	89,813	71,305	18,508
Colo . . . . .	17	39,730	13,541	0	8,763	25,486	14,727	10,759
Conn . . . . .	0	0	0	0	0	0	0	0
Del . . . . .	0	0	0	0	0	0	0	0
Fla . . . . .	9	37,662	31,976	48,590	11,482	88,334	74,928	13,406
Ga . . . . .	29	190,362	79,360	51,103	45,936	283,543	233,756	49,787
Hawaii . . . . .	0	0	0	0	0	0	0	0
Idaho . . . . .	9	22,715	3,481	0	3,983	14,021	10,297	3,724
Ill . . . . .	26	64,689	14,880	0	19,041	100,856	33,632	67,224
Ind . . . . .	33	84,397	14,718	0	13,745	97,659	51,582	46,077
Iowa . . . . .	80	113,527	20,788	0	32,660	168,916	56,364	112,552
Kans . . . . .	33	150,366	40,653	0	40,202	128,151	43,796	84,355
Ky . . . . .	17	169,522	37,867	16,000	25,229	186,658	161,483	25,175
La . . . . .	19	69,103	25,268	13,925	10,025	76,952	65,190	11,762
Maine . . . . .	10	21,617	15,891	5,300	5,826	54,573	40,469	14,104
Md . . . . .	1	2,061	2,327	0	440	3,241	1,971	1,270
Mass . . . . .	1	1,835	520	0	123	2,203	1,655	548
Mich . . . . .	30	71,233	24,463	5,600	11,943	100,786	46,989	53,797
Minn . . . . .	64	183,312	52,712	10,239	52,933	251,214	142,577	108,637
Miss . . . . .	16	68,709	6,036	5,200	9,546	52,257	43,418	8,839
Mo . . . . .	27	126,814	39,249	11,470	46,876	189,270	113,728	75,542
Mont . . . . .	12	110,697	0	0	23,654	33,908	28,662	5,146
Nebr . . . . .	34	73,161	19,376	0	20,130	63,423	17,553	45,870
Nev . . . . .	4	5,235	6,482	0	1,167	6,400	4,996	1,404
N.H . . . . .	5	11,203	4,772	0	1,236	12,673	5,472	7,201
N.J . . . . .	3	14,295	19,494	6,500	2,151	26,214	21,612	4,602
N. Mex . . . . .	8	58,056	0	0	9,168	14,820	8,139	6,681
N.Y . . . . .	28	37,947	29,884	23,645	10,997	112,809	29,877	82,932
N.C . . . . .	20	153,675	42,901	8,500	25,139	210,973	189,526	21,447
N. Dak . . . . .	13	117,300	14,639	0	31,472	68,193	42,156	26,037
Ohio . . . . .	15	17,020	2,177	0	2,314	18,864	9,885	8,979
Okla . . . . .	33	149,689	67,777	2,744	28,255	136,753	86,126	50,627
Oreg . . . . .	22	42,799	27,535	0	9,219	67,214	43,701	23,513
Pa . . . . .	28	63,621	140,133	44,302	34,841	303,690	123,469	180,221
R.I . . . . .	0	0	0	0	0	0	0	0
S.C . . . . .	19	155,846	72,609	7,885	21,917	170,416	149,362	21,054
S. Dak . . . . .	21	98,694	12,567	0	26,873	59,812	26,544	33,268
Tenn . . . . .	21	188,434	50,151	14,358	24,766	187,372	160,139	27,233
Tex . . . . .	60	340,072	100,287	30,531	80,240	315,710	235,344	80,366
Utah . . . . .	6	16,550	2,663	0	2,258	9,929	8,358	1,571
Vt . . . . .	4	3,887	4,523	0	741	7,101	4,487	2,614
Va . . . . .	13	56,949	15,903	0	10,643	67,244	50,322	16,922
Wash . . . . .	19	30,122	13,131	0	8,315	60,740	25,336	35,404
W. Va . . . . .	10	44,572	3,828	5,250	7,497	52,938	33,614	19,324
Wis . . . . .	93	196,000	94,979	23,700	42,132	264,595	119,994	144,601
Wyo . . . . .	8	11,911	5,897	0	2,847	10,430	8,375	2,055
Guam . . . . .	1	27,449	0	0	974	23,047	11,856	11,191
P.R . . . . .	1	85,527	0	0	5,068	95,930	60,348	35,582
U.S . . . . .	990	3,844,840	1,388,222	417,903	840,163	4,719,287	3,027,195	1,692,092

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

Rural Electrification Administration.

**Table 702.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, by States, 1979 and 1980<sup>1</sup>**

State	Number of farms with telephone service		Percentage of farms with telephone service		Average monthly local telephone bill	
	1979	1980	1979	1980	1979	1980
	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>
Ala . . . . .	53	52	89	90	11.50	12.00
Ariz . . . . .	6	6	84	85	15.50	16.00
Ark . . . . .	53	54	91	92	11.50	11.60
Calif . . . . .	77	78	98	98	13.80	13.80
Colo . . . . .	25	25	94	95	13.30	12.00
Conn . . . . .	4	4	99	99	10.60	10.60
Del . . . . .	3	3	97	97	10.60	10.00
Fla . . . . .	35	36	93	93	14.50	15.50
Ga . . . . .	56	57	95	96	12.90	13.20
Idaho . . . . .	23	23	95	95	8.50	8.70
Ill . . . . .	106	105	98	98	11.00	10.80
Ind . . . . .	84	84	94	95	10.40	10.80
Iowa . . . . .	120	118	99	99	11.00	10.00
Kans . . . . .	71	71	95	95	9.20	8.60
Ky . . . . .	94	94	91	92	10.00	10.80
La . . . . .	34	34	93	93	12.80	13.50
Maine . . . . .	8	8	97	97	10.60	10.30
Md . . . . .	16	17	96	96	12.50	12.50
Mass . . . . .	6	6	99	99	14.00	13.00
Mich . . . . .	64	64	97	97	9.00	9.00
Minn . . . . .	102	102	98	98	9.90	10.50
Miss . . . . .	51	51	91	92	12.00	12.50
Mo . . . . .	114	114	94	95	8.50	8.30
Mont . . . . .	22	23	94	95	10.40	10.00
Nebr . . . . .	63	63	97	97	10.50	10.00
Nev . . . . .	3	3	90	90	8.20	8.00
N.H . . . . .	3	3	97	97	12.30	11.50
N.J . . . . .	9	9	98	98	10.80	11.20
N. Mex . . . . .	11	11	80	82	13.00	12.50
N.Y . . . . .	47	47	98	98	12.30	12.80
N.C . . . . .	85	86	92	93	10.00	9.80
N. Dak . . . . .	38	38	93	94	12.20	13.00
Ohio . . . . .	90	90	94	95	11.50	12.00
Okla . . . . .	66	66	92	92	9.20	8.80
Oreg . . . . .	33	34	96	96	9.20	9.00
Pa . . . . .	59	60	96	96	8.20	8.00
R.I . . . . .	1	1	98	97	14.00	14.00
S.C . . . . .	32	33	92	93	11.90	11.50
S. Dak . . . . .	37	36	94	94	10.60	11.50
Tenn . . . . .	88	89	92	93	10.20	11.00
Tex . . . . .	154	154	83	83	10.00	10.50
Utah . . . . .	12	12	95	96	9.60	9.30
Vt . . . . .	7	8	97	98	10.00	10.50
Va . . . . .	54	54	92	93	11.00	11.50
Wash . . . . .	36	37	97	98	9.60	9.40
W. Va . . . . .	18	18	90	90	11.00	12.00
Wis . . . . .	92	91	98	98	9.90	10.20
Wyo . . . . .	8	8	93	93	14.50	12.30
U.S . . . . .	2,273	2,280	94	94	10.70	10.80

<sup>1</sup> Based on annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

**Table 703.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, United States, 1966–1980<sup>1</sup>**

Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill	Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill
	<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>
1966 .....	2,557	79	5.08	1974 .....	2,474	88	7.16
1967 .....	2,578	80	5.15	1975 .....	2,282	91	7.87
1968 .....	2,505	82	5.30	1976 .....	2,289	92	9.00
1969 .....	2,479	83	5.55	1977 .....	2,258	92	9.62
1970 .....	2,469	84	5.72	1978 .....	2,262	93	10.30
1971 .....	2,479	85	5.96	1979 .....	2,273	94	10.60
1972 .....	2,459	86	6.27	1980 .....	2,280	94	10.80
1973 .....	2,454	87	6.45				

<sup>1</sup>Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

## CHAPTER XI

# STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, 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 704.—Commodity Credit Corporation: Price support granted on 1979 crop, United States and Territories<sup>1</sup>**

Commodity	Unit	Through Sept. 30, 1980	
		Quantity	Value
		<i>Millions</i>	<i>Million dollars</i>
Cotton, upland	Bale	1.7	401.4
Cotton, extra-long staple	do	(2)	18.3
Seed cotton, upland	Pound	54.8	24.1
Seed cotton, extra-long staple	do	.3	.3
Wheat	Bushel	181.6	430.6
Corn	do	555.4	1,139.8
Honey	Pound	44.3	19.8
Milk and butterfat:			
Butter	Pound	236.2	326.1
Cheese	do	328.9	442.9
Dried milk	do	559.4	493.4
Tobacco	do	83.6	135.5
Rice, rough	Cwt	25.9	179.8
Grain sorghum	Bushel	63.6	121.8
Peanuts, farmers' stock	Pound	71.0	136.5
Oats	Bushel	12.3	12.1
Barley	do	30.1	47.8
Beans, dry edible	Pound	.....	.....
Rye	Bushel	1.9	3.2
Soybeans	do	122.3	549.8
Sugar:			
Beets	Pound	2,081.9	313.8
Cane	do	1,305.0	171.0
Special purchase programs <sup>3</sup>		.....	1,380.9
<b>Total</b>		.....	<b>6,348.9</b>

<sup>1</sup> Consists of loans made and acquisitions under commodity loan and purchase programs.

<sup>2</sup> Less than 50,000.

<sup>3</sup> Commodities included in "Special purchase programs" for 1979 crop are barley, corn products, wheat products, rolled oats, vegetable oil products, blended food products, soya flour, feed for Government facilities, foundation seeds, sorghum grits, peanut products, milled rice, brown rice, and textured soya rice.

Agricultural Stabilization and Conservation Service.

Table 705.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1975-80<sup>1</sup>

Commodity	Unit	1975		1976		1977	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged	Face amount
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley	1,000 bushels	9,185	8,419	19,224	22,025	86,665	133,116
Corn	1,000 bushels	146,978	161,606	277,734	417,357	1,163,654	2,318,911
Cotton	1,000 bales	701	109,204	952	164,040	4,564	959,507
Seed cotton	1,000 pounds	12,998	4,302	12,221	4,446	13,490	5,809
Dry beans	1,000 cwt						
Flaxseed	1,000 bushels						
Honey	1,000 pounds					14,064	4,647
Naval stores: Rosin	1,000 pounds	2,769	466				
Oats	1,000 bushels	3,928	2,159	4,631	3,111	82,679	79,206
Peanuts	1,000 tons	567.9	223,151	426.9	170,975	267.9	112,331
Rice	1,000 cwt	21,460	184,162	23,415	145,504	19,541	122,958
Rye	1,000 bushels	87	74	144	159	909	1,425
Sorghum grain	1,000 bushels	8,794	9,111	21,298	29,332	217,480	424,686
Soybeans	1,000 bushels			22,471	56,426	97,274	340,807
Storage facility and equipment			22,824		49,186		156,904
Tobacco	1,000 pounds	262,617	320,964	283,405	378,027	220,991	297,489
Wheat	1,000 bushels	47,790	65,167	498,788	1,127,969	590,941	1,357,888

  

Commodity	Unit	1978		1979		1980	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged <sup>2</sup>	Face amount <sup>2</sup>
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley	1,000 bushels	67,873	105,091	8,527	13,317	11,109	19,429
Corn	1,000 bushels	640,735	1,263,916	2,170	4,682	2,327	5,493
Cotton	1,000 bales	1,560	348,138			( <sup>3</sup> )	108
Seed cotton	1,000 pounds	14,169	6,177				
Dry beans	1,000 cwt						
Flaxseed	1,000 bushels						
Honey	1,000 pounds	38,019	14,172	5,454	2,411	18,048	9,100
Naval stores: Rosin	1,000 pounds						
Oats	1,000 bushels	24,849	24,035	4,950	4,817	3,423	3,698
Peanuts	1,000 tons	260.2	101,896	74.0	27,587	41,257	5,376
Rice	1,000 cwt	27,118	173,156	3,211	24,119	462	3,372
Rye	1,000 bushels	3,054	4,929	766	1,240	240	442
Sorghum grain	1,000 bushels	92,105	176,269	2,933	6,006	1,183	2,631
Soybeans	1,000 bushels	64,369	289,400	11	50	22	110
Storage facility and equipment			646,413		678,891		362,560
Tobacco	1,000 pounds	129,422	202,327	32,370	59,351	49,026	89,310
Wheat	1,000 bushels	255,366	588,669	55,595	126,840	99,244	281,043

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation.

<sup>2</sup> Loans through Sept. 30, 1980.

<sup>3</sup> 500 or less.

Agricultural Stabilization and Conservation Service.

**Table 706.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1966–80<sup>1</sup>**

Year	Barley	Butter and butter oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>
1966	7	.....	.....	156	8,389	( <sup>2</sup> )	9.1	332	( <sup>2</sup> )
1967	6	153	80	138	1,247	0.3	2.1	193	191
1968	6	124	65	261	135	( <sup>2</sup> )	2.9	192	268
1969	49	72	( <sup>2</sup> )	296	2,221	( <sup>2</sup> )	7.7	188	212
1970	28	108	4	215	2,077	.1	19.1	163	119
1971	36	104	7	144	( <sup>3</sup> )	( <sup>2</sup> )	24.0	58	80
1972	9	108	0	140	( <sup>3</sup> )	0	7.7	37	26
1973	1	18	0	70	( <sup>3</sup> )	0	.1	8	2
1974	( <sup>2</sup> )	17	2	6	( <sup>3</sup> )	.....	.....	1	172
1975	( <sup>2</sup> )	3	5	( <sup>2</sup> )	( <sup>3</sup> )	.....	.....	( <sup>2</sup> )	442
1976	.....	21	5	( <sup>2</sup> )	.....	.....	.....	( <sup>2</sup> )	453
1977	( <sup>3</sup> )	198	95	1	( <sup>3</sup> )	.....	.....	1	708
1978	1	207	35	77	( <sup>3</sup> )	.....	.....	37	658
1979	3	177	5	100	( <sup>2</sup> )	.....	.....	45	529
1980	4	331	244	254	( <sup>2</sup> )	.....	.....	44	707

  

Year	Oats	Peanuts <sup>4</sup>	Rice <sup>5</sup>	Rye	Soybeans	Tung oil	Wheat	Value of all commodities owned <sup>6</sup>
	<i>Million bushels</i>	<i>Million pounds</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>
1966	47	78	0.4	8.2	.....	15	216	2,340
1967	45	35	.1	6.7	.....	7	9	1,005
1968	46	6	( <sup>2</sup> )	9.0	.....	53	12	1,064
1969	76	6	6.4	11.7	.....	178	28	1,784
1970	146	2	6.9	17.6	.....	80	42	1,594
1971	199	10	4.9	24.0	( <sup>2</sup> )	.....	38	372
1972	172	8	.6	29.8	.....	.....	27	267
1973	121	( <sup>2</sup> )	( <sup>2</sup> )	15.7	.....	.....	19	139
1974	69	.....	.....	2.6	.....	.....	1	15
1975	36	365	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	( <sup>2</sup> )	402
1976	3	92	19.1	.....	.....	.....	( <sup>2</sup> )	634
1977	( <sup>3</sup> )	( <sup>3</sup> )	18.6	.....	.....	.....	34	1,104
1978	2	.....	10.4	( <sup>3</sup> )	( <sup>3</sup> )	.....	50	1,186
1979	3	.....	8.1	( <sup>2</sup> )	( <sup>3</sup> )	.....	50	1,237
1980	3	.....	1.7	( <sup>2</sup> )	( <sup>3</sup> )	.....	203	2,802

<sup>1</sup> Commodities which were owned by CCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, honey, mixed feed, linseed oil, foundation seeds, and peanut products.

<sup>2</sup> Less than 500,000 units.

<sup>3</sup> Less than 50,000 units.

<sup>4</sup> Farmers' stock basis; includes farmers' stock equivalent of shelled peanuts.

<sup>5</sup> Rough basis; includes milled rice in rough equivalent.

<sup>6</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.

Agricultural Stabilization and Conservation Service.



**Table 707. — Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1966–80<sup>1</sup>**

Year <sup>2</sup>	Barley	Corn	Cotton <sup>3</sup>	Dry beans	Flaxseed	Sorghum grain	Oats
	<i>Million bushels</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1966 .....	16	392	1,874	2.7	1.6	54	57
1967 .....	38	418	539	.5	2.2	67	56
1968 .....	114	633	2,165	1.4	5.0	107	113
1969 .....	106	567	2,452	1.5	9.4	76	194
1970 .....	100	454	1,492	1.1	8.9	43	235
1971 .....	108	761	572	.7	5.6	114	223
1972 .....	97	735	2,411	.1	.4	56	199
1973 .....	22	190	900	.1	.1	14	46
1974 .....	4	49	960	.1	( <sup>4</sup> )	2	3
1975 .....	6	110	333	.....	.....	6	3
1976 .....	12	206	2,186	.....	.....	16	4
1977 .....	65	765	2,576	.....	.....	157	60
1978 .....	94	1,038	919	.....	.....	149	68
1979 .....	73	801	710	.....	.....	83	46
1980 .....	35	966	851	.....	.....	24	9

  

Year <sup>2</sup>	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding <sup>5</sup>
	<i>Million pounds</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>
1966 .....	450	11.6	1.6	115	1,008	153	2,069
1967 .....	393	12.7	1.5	181	1,147	252	2,355
1968 .....	340	17.7	3.6	330	1,103	536	3,605
1969 .....	349	18.7	4.8	257	1,138	706	3,628
1970 .....	768	15.4	8.2	144	1,224	477	2,973
1971 .....	882	23.4	14.8	140	1,061	486	3,186
1972 .....	878	15.0	12.8	71	746	305	2,438
1973 .....	956	13.6	.6	99	561	32	11,266
1974 .....	995	6.1	.1	19	305	20	681
1975 .....	1,135	8.9	.1	( <sup>4</sup> )	335	32	871
1976 .....	841	10.5	.1	13	585	223	1,786
1977 .....	302	15.0	.6	68	665	740	5,414
1978 .....	243	19.1	2.5	44	644	588	5,655
1979 .....	608	20.2	2.1	73	686	373	4,955
1980 .....	294	20.5	.4	72	678	366	4,783

<sup>1</sup>Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds.

<sup>2</sup>Not necessarily from the crop of the year shown; may include quantities under resale from crop of previous years.

<sup>3</sup>Includes extra-long staple.

<sup>4</sup>Less than 500,000 units.

<sup>5</sup>Value of all commodities outstanding under loan, including those not shown.

Agricultural Stabilization and Conservation Service.

Table 708.—Commodity Credit Corporation: Loan transaction for fiscal year 1980, by commodities<sup>1</sup>

Commodity	Unit	Loans outstanding Oct. 1, 1979 <sup>2</sup>	New loans made	Repayments	Collateral acquired in settlement	Loans written off <sup>3</sup>	Loans outstanding Sept. 30, 1980	
							Value <sup>2</sup>	Quantity collateral remaining pledged
<b>Basic commodities:</b>		<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 units</i>
Corn	Bushel	1,300,670	1,139,657	815,756	2,873	108	1,617,078	811,464
Cotton	Bale	80,254	419,857	463,329	540		36,242	156
Seed cotton	Pound		24,351	24,434			8	18
Peanuts	Ton	26,718	114,257	87,714	15	48,603	4,642	38,175
Rice	Cwt	25,350	159,067	180,038			4,314	601
Tobacco	Pound	903,163	171,963	260,115		71	814,941	647,377
Wheat	Bushel	816,109	587,342	565,224	48	332	837,249	343,441
<b>Total</b>		<b>3,152,264</b>	<b>2,616,494</b>	<b>2,396,519</b>	<b>3,436</b>	<b>49,114</b>	<b>3,314,474</b>	<b>1,841,232</b>
<b>Designated nonbasic commodities:</b>								
Barley	Bushel	110,014	54,165	106,356	1,067	99	56,451	35,082
Sorghum	do	131,665	118,399	166,662	4,327	( <sup>5</sup> )	79,010	41,226
Honey	Pound	3,262	26,490	17,738			12,001	24,398
Oats	Bushel	42,987	11,231	27,570	159	1	26,283	27,228
Rye	do	2,822	2,350	3,863	83		1,226	710
Sugar, beet	Pound	165,845	315,350	378,077	73,699		29,420	194,537
Sugar, cane	do	236,764	172,030	350,067	32,592		26,135	197,781
<b>Total</b>		<b>693,359</b>	<b>700,015</b>	<b>1,050,333</b>	<b>111,927</b>	<b>100</b>	<b>230,526</b>	<b>520,962</b>
<b>Other nonbasic commodities:</b>								
Soybeans	Bushel	40,208	549,116	485,078	92		103,696	23,631
Naval stores (rosin)	Pound							
<b>Total</b>		<b>40,208</b>	<b>549,116</b>	<b>485,078</b>	<b>92</b>		<b>103,696</b>	<b>23,631</b>
<b>Other loans:</b>								
Storage facility and equipment		1,324,126	362,559	215,573			1,470,271	
<b>Total</b>		<b>1,324,126</b>	<b>362,559</b>	<b>215,573</b>			<b>1,470,271</b>	
<b>Grand total</b>		<b>5,209,957</b>	<b>4,228,184</b>	<b>4,147,503</b>	<b>115,455</b>	<b>49,214</b>	<b>5,118,967</b>	

<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> Denotes negative adjustment of prior activity.<sup>5</sup> Less than 500 dollars.

Agricultural Stabilization and Conservation Service.

**Table 709.—Commodity Credit Corporation: Loans made in fiscal year 1980, by States and Territories<sup>1</sup>**

State or Territory	Barley	Corn	Cotton	Sorghum	Peanuts	Tobacco	Wheat	Other <sup>2</sup>	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
Ala		837	716					12,717	14,270
Alaska									
Ariz		347	72,872	47			16	866	74,148
Ark		7	1,916	290			33	185,346	187,592
Calif	80	558	189,245				395	119,787	310,065
Colo	386	23,167		2,785			11,315	130,022	167,675
Conn								58	58
Del	16	61						266	343
Fla		517		2	785			81,392	82,696
Ga		5,885	3,296	17	84,501		41	58,738	152,478
Idaho	6,454	81					23,353	4,622	34,510
Ill	2	69,651		300			451	49,916	120,320
Ind		33,687		14			237	26,911	60,849
Iowa		267,575		106			2	134,005	401,688
Kans	82	44,375		39,269			103,826	16,423	203,975
Ky		3,202		55		13,570	21	8,339	25,187
La			1,405	104				86,182	87,691
Maine		28						939	967
Md	1	1,564					1	1,223	2,789
Mass						692		113	805
Mich	16	34,700		6			599	50,498	85,819
Minn	12,946	131,569		20			39,053	183,203	366,791
Miss		46	19,740	3			13	56,345	76,147
Mo	2	28,669	10	4,533			1,061	59,856	94,131
Mont	4,468	36					41,641	414	46,559
Nebr	49	320,733		37,214			11,414	51,922	421,332
Nev			369					77	446
N.H.								40	40
N.J.		679						1,307	1,986
N. Mex		2,826	8,980	1,657	60		1,470	410	15,403
N.Y.	18	9,546					779	7,552	17,895
N.C.	34	4,118	2,998		26	108,700	80	6,640	122,596
N. Dak	16,237	9,596					88,972	30,912	145,717
Ohio		11,993					102	18,625	30,720
Okla	15	680	3,601	2,797			20,042	4,883	32,018
Oreg	541						9,846	1,673	12,060
Pa	2	5,116					59	5,987	11,164
P.R.						1,935			1,935
S.C.	28	3,409	3,733	12			43	10,663	17,888
S. Dak	4,532	50,409		3,595			29,548	30,991	119,075
Tenn		2,149	151	89		9,864	56	16,653	28,962
Texas	3	20,198	110,708	28,901	41,072		14,923	84,273	300,078
Utah	291	66					800	51,510	52,667
Vt								364	364
Va	64	4,320	6		10,024	750	35	5,621	20,820
Wash	1,229	1,174					29,410	2,494	34,307
W. Va		90						180	270
Wis	183	45,971					18	32,222	78,394
Wyo	64	196					975	569	1,804
Total	47,743	1,139,831	419,746	121,816	136,468	135,511	430,630	1,633,749	4,065,494

<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.

<sup>2</sup> Includes storage facility loans.

Agricultural Stabilization and Conservation Service.

Table 710.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1980

Program and commodity	Quantity					Value					
	Unit	Inventory Oct. 1, 1979	Purchases	Collateral acquired from loans	Sales <sup>1</sup>	Inventory Sept. 30, 1980	Inventory Oct. 1, 1979	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1980
Feed grains:		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</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>
Barley	Bushel	2,868	5	698	63	3,490	4,587	14	1,093	117	5,564
Corn	do	99,688	164,360	1,270	8,531	256,341	208,648	413,072	2,606	30,588	596,429
Corn products	Pound	2	123,161	.....	116,543	185	.....	13,819	.....	13,276	34
Grain sorghum	Bushel	43,636	450	2,259	2,417	43,897	92,281	1,264	4,527	8,079	92,866
Sorghum grits	Pound	.....	54,824	.....	54,823	.....	.....	6,349	.....	6,478	.....
Oats	Bushel	2,579	10	180	62	2,693	2,692	16	178	56	2,831
Oats, rolled	Pound	.....	12,583	.....	8,839	.....	.....	2,021	.....	1,447	.....
Rye	Bushel	181	3	51	.....	235	299	5	89	.....	395
Total feed grains		.....	.....	.....	.....	.....	308,507	436,559	8,494	60,041	698,119
Wheat	Bushel	49,865	156,642	( <sup>2</sup> ) 2	4,346	202,134	118,231	601,279	( <sup>2</sup> ) 13	20,851	705,389
Wheat flour	Pound	.....	452,790	.....	351,310	.....	.....	57,465	.....	46,053	.....
Wheat products, other	do	.....	583,691	.....	573,656	.....	.....	66,668	.....	65,445	.....
Rice, milled	Cwt	2	481	.....	3,284	9	27	9,926	.....	57,000	180
Rice, rough	Cwt	8,467	.....	.....	2,192	2,210	73,070	.....	( <sup>2</sup> ) ( <sup>3</sup> )	22,885	19,422
Rice, textured soy blend	Pound	.....	.....	.....	.....	.....	.....	1	.....	( <sup>2</sup> ) ( <sup>3</sup> )	.....
Rice, brown	Cwt	26	1,441	.....	1,126	.....	5	371	.....	283	.....
Cotton, extra long staple and upland	Bale	1	.....	1	( <sup>3</sup> )	2	187	.....	579	103	677
Dairy products:											
Butter	Pound	174,198	236,183	.....	66,880	300,372	188,091	326,067	.....	93,485	385,397
Cheese	do	3,700	328,931	.....	64,252	226,652	4,222	442,916	.....	87,157	309,435
Milk, dried	do	527,298	559,368	.....	325,682	689,801	377,471	493,403	.....	104,774	571,525
Total dairy products		.....	.....	.....	.....	.....	569,785	1,262,385	.....	285,416	1,266,356

Oils and oilseeds:											
Peanuts, farmers' stock	Pound			87	41				15	16	
Peanut products	do	582	14,899		10,535	314	356	9,745		6,923	212
Peanut butter	do	828	26,404		18,064	1,718	492	14,972		10,428	1,040
Peanut oil, crude	do										
Peanut oil, refined	do										
Soya flour	do		899		899			137		140	
Soybeans	Bushel	1	1	20	1	19	3	10	92	9	87
Totals oils and oilseeds							852	24,865	107	17,516	1,339
Blended foods	Pound		291,733		330,346			46,427		53,730	
Grains and seeds:											
Feed for Government facilities	Cwt		67		67			81		81	
Foundation seeds	Pound	317	63		248	131	354	94		104	155
Total grains and seeds							354	175		185	155
Sugar, cane	Pound	634,320		226,382	855,912	4,541	89,894		32,923	154,701	702
Vegetable oil products	Pound	3,231	342,087		309,941	2,768	1,291	136,244		127,300	1,016
Total inventory operations							1,162,202	2,642,364	42,091	911,509	2,693,336

<sup>1</sup> Sales do not reflect commodity donations.

<sup>2</sup> Negative figure.

<sup>3</sup> 500 or less.

Agricultural Stabilization and Conservation Service.

COC LOANS

509

Table 711.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1980

Commodity	Export		Domestic					Total export and domestic
	Public Law 480 Title II	Total export	Dollar sales	Transfers to other Government agencies	Donations <sup>1</sup>	Inventory adjustments and other recoveries (domestic)	Total domestic	
Feed grains:	<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>
Barley . . . . .			96	11				
Corn . . . . .	25,862	25,862	2,530	101	53	161	2,845	28,707
Corn products . . . . .	13,035	13,035			804		804	13,839
Grain sorghum . . . . .	5,465	5,465	143			44	187	5,652
Sorghum grits . . . . .	6,349	6,349						6,349
Oats . . . . .			47	12	10		69	69
Oats, rolled . . . . .	1,418	1,418			604		604	2,022
Wheat . . . . .	13,810	13,810	613			48	661	14,471
Wheat flour . . . . .	45,148	45,148			12,392	1	12,393	57,541
Wheat products, other . . . . .	64,142	64,142			2,594	210	2,584	66,726
Rice, milled . . . . .	44,131	44,131		6,289	2,665	13	8,967	53,098
Rice, rough . . . . .			18,913			<sup>2</sup> 564	18,349	18,349
Rice, brown and textured soy blend . . . . .			1	283	91		375	375
Cotton, extra long staple and upland . . . . .			89		1		90	90
Rye . . . . .								
Dairy products:								
Butter . . . . .		350	1,181	78,740	52,319	366	132,240	132,590
Cheese . . . . .			384	84,397	83,251	353	168,385	168,385
Milk, dried . . . . .	97,909	168,144	55,613	22,412	9,755	2,229	90,009	258,153
Oils and oilseeds:								
Peanut products . . . . .				6,943	2,924	22	9,889	9,889
Peanut butter . . . . .				10,191	4,216	18	14,425	14,425
Peanuts, farmer's stock . . . . .			7		8		15	15
Peanut oil, crude . . . . .								
Peanut oil, refined . . . . .								
Soya flour . . . . .	137	137						137
Soybeans . . . . .				10		<sup>27</sup>	3	3

Blended foods .....	74,878	74,878	.....	.....	6	25	31	74,909
Grains and seeds:								
Feed for Government facilities .....				81			81	81
Foundation seeds .....			293				293	293
Sugar cane .....			122,075				122,075	122,075
Vegetable oil products .....	98,377	98,377		25,475	12,677	68	38,220	136,597
<b>Total .....</b>	<b>490,661</b>	<b>561,246</b>	<b>201,985</b>	<b>234,945</b>	<b>184,370</b>	<b>2,767</b>	<b>623,594</b>	<b>1,184,840</b>

<sup>1</sup>Includes donations under Sections 202, 407, 416, Section 210, Pl 85-540 and miscellaneous donations under various other authorizations.

<sup>2</sup>Negative figure.  
Agricultural Stabilization and Conservation Service.

Table 712.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1966-80

Date	Inventory after revaluation	Loans held by CCC	Loans financed by lending agencies	Total loans outstanding	Total investment
1966:	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
March	3,570.7	2,184.4	603.4	2,787.8	6,358.5
June	3,112.9	1,344.1	855.3	2,199.4	5,312.3
September	3,159.4	1,182.4	206.2	1,388.6	4,548.0
December	2,337.1	1,542.1	526.6	2,068.7	4,405.8
1967:					
March	1,945.5	1,064.8	943.3	2,008.1	3,953.6
June	1,858.4	482.0	1,021.1	1,503.1	3,361.5
September	1,518.6	401.0	979.2	1,380.2	2,898.8
December	997.0	618.6	1,736.7	2,355.3	3,352.3
1968:					
March	920.4	928.5	1,589.2	2,517.7	3,438.1
June	912.7	1,344.7	923.5	2,268.2	3,180.9
September	987.6	1,504.4	890.4	2,394.8	3,382.4
December	1,057.2	2,456.3	1,148.7	3,605.0	4,662.2
1969:					
March	1,032.7	2,772.2	1,292.0	4,064.2	5,096.9
June	1,244.5	1,744.5	1,589.5	3,334.0	4,578.5
September	1,927.4	2,179.4	565.3	2,744.7	4,672.1
December	1,782.6	3,285.8	342.4	3,628.2	5,410.8
1970:					
March	1,696.6	3,529.0	195.7	3,724.7	5,421.3
June	1,858.1	2,788.3	.....	2,788.3	4,646.4
September	1,894.0	2,294.5	.....	2,294.5	4,188.5
December	1,593.5	2,973.4	.....	2,973.4	4,566.9
1971: <sup>1</sup>					
March	1,208.7	2,838.8	.....	2,838.8	4,047.5
June	1,207.9	1,850.1	.....	1,850.1	3,058.0
September	1,229.9	1,971.8	.....	1,971.8	3,201.7
December	1,118.2	3,186.0	.....	3,186.0	4,304.2
1972:					
March	1,055.0	3,122.0	.....	3,122.0	4,177.0
June	1,090.1	2,277.4	.....	2,277.4	3,367.5
September	972.3	1,955.1	.....	1,955.1	2,927.4
December	829.6	2,438.4	.....	2,438.4	3,268.0
1973:					
March	660.0	2,088.7	.....	2,088.7	2,748.7
June	478.7	1,143.9	.....	1,143.9	1,622.6
September	439.4	703.9	.....	703.9	1,143.3
December	393.7	1,265.9	.....	1,265.9	1,659.6
1974:					
March	359.3	885.8	.....	885.8	1,245.1
June	114.2	449.2	.....	449.2	563.4
September	172.8	394.6	.....	394.6	567.4
December	188.2	681.8	.....	681.8	870.0
1975:					
March	253.5	619.2	.....	619.2	872.7
June	416.1	333.6	.....	333.6	749.7
September	453.7	506.5	.....	506.6	960.2
December	402.4	871.0	.....	871.0	1,273.4
1976:					
March	555.8	762.2	.....	762.2	1,318.0
June	658.6	480.5	.....	480.5	1,339.1
September	607.2	707.7	.....	707.7	1,314.9
December	634.3	1,786.5	.....	1,786.5	2,420.8
1977:					
March	682.9	1,990.5	.....	1,990.5	2,673.4
June	824.9	2,142.7	.....	2,142.7	2,967.6
September	984.9	3,009.0	.....	3,009.0	3,993.9
December	1,104.4	5,414.0	.....	5,414.0	6,518.4
1978:					
March	1,052.5	5,827.9	.....	5,827.9	6,880.4
June	1,068.3	4,591.3	.....	4,591.3	5,659.6
September	1,029.0	4,230.4	.....	4,230.4	5,259.4
December	1,185.9	5,655.6	.....	5,655.6	6,841.5
1979:					
March	1,186.2	6,245.4	.....	6,245.4	7,431.6
June	1,192.4	5,328.4	.....	5,328.4	6,520.8
September	1,162.2	3,885.8	.....	3,885.8	5,048.0
December	1,236.8	4,954.6	.....	4,954.6	6,191.5
1980:					
March	1,484.3	5,374.9	.....	5,374.9	6,859.2
June	2,486.0	4,765.4	.....	4,765.4	7,251.4
September	2,737.0	3,648.7	.....	3,648.7	6,385.7
December	2,802.2	4,783.0	.....	4,783.0	7,585.2

<sup>1</sup> Since 1971, reflects total CCC loans and inventories.



**Table 713.—Agricultural Stabilization and Conservation programs: Number of payees and payments received, by States, 1980**

State	Payees	Payments	State	Payees	Payments	State	Payees	Payments
	<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>1,000 dollars</i>
Tex . . . . .	103,394	227,255	Ga . . . . .	19,061	28,866	Md . . . . .	2,730	3,515
Nebr . . . . .	51,491	81,518	Wash . . . . .	4,801	9,458	W. Va . . . . .	9,055	2,489
Kans . . . . .	83,250	92,419	Mich . . . . .	12,551	10,665	Nev . . . . .	485	1,341
Iowa . . . . .	34,550	44,564	Miss . . . . .	15,271	18,769	Vt . . . . .	2,184	1,322
Minn . . . . .	33,334	69,593	Ala . . . . .	18,352	23,029	N.J . . . . .	1,190	869
Calif . . . . .	6,053	14,111	Ohio . . . . .	15,307	9,403	Hawaii . . . . .	352	711
S. Dak . . . . .	31,234	63,592	Ariz . . . . .	5,434	5,081	N.H . . . . .	1,149	703
N. Dak . . . . .	41,038	115,715	N.Y . . . . .	6,739	5,822	Mass . . . . .	1,464	742
Okla . . . . .	26,216	33,516	Tenn . . . . .	22,291	18,680	P.R . . . . .	1,070	863
Colo . . . . .	9,025	16,148	Oreg . . . . .	5,819	5,897	Conn . . . . .	974	941
Ill . . . . .	31,112	35,734	N.C . . . . .	31,035	13,187	Del . . . . .	643	1,035
Ark . . . . .	24,385	34,513	Wyo . . . . .	2,699	6,506	Alaska . . . . .	87	193
Mont . . . . .	15,073	57,137	Ky . . . . .	14,826	10,004	R.I . . . . .	195	95
Mo . . . . .	53,822	78,908	S.C . . . . .	10,538	13,430	V.I . . . . .	22	40
Wisc . . . . .	12,980	12,373	Pa . . . . .	9,392	8,333	Undistributed . . . . .		2,863
Idaho . . . . .	4,396	7,901	Va . . . . .	16,717	13,302			
N. Mex . . . . .	9,217	19,870	Fla . . . . .	5,962	7,043			
La . . . . .	12,380	19,981	Maine . . . . .	2,658	3,443	Total . . . . .	843,431	1,264,026
Ind . . . . .	14,405	15,024	Utah . . . . .	5,023	5,089			

<sup>1</sup> States are arranged according to size of payments.

Agricultural Stabilization and Conservation Service.

**Table 714.—Agricultural, Stabilization and Conservation Service program: Payments to producers, by program and commodity, United States, 1976–80**

Program and commodity	1976	1977	1978	1979	1980
	<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>
Feed grain . . . . .	195,545	187,288	1,172,070	493,952	382,061
Rice . . . . .	87	130,253	2,624	58,751	1,948
Wheat . . . . .	135,370	887,307	962,653	113,541	211,344
Cotton, upland . . . . .	106,729	88,539	126,677	184,949	171,762
Cotton, extra-long staple . . . . .	1,560	452			
Sugar . . . . .	2,896	3	<sup>1,2</sup> (1)		
Wool and mohair . . . . .	41,632	7,056	28,793	35,995	31,030
Milk indemnity . . . . .	121	41	78	54	51
Beekeepers indemnity . . . . .	3,108	3,461	4,904	2,872	1,588
Cropland conversion . . . . .					
Conservation reserve . . . . .					
Cropland adjustment . . . . .	19,860	<sup>1,2</sup> (3)			
Appalachian region conservation . . . . .	114	48	45	233	455
Agricultural conservation (REAP, RECP) . . . . .	181,600	181,800	178,246	156,435	176,561
Forestry incentive . . . . .	7,848	10,982	12,721	15,129	17,288
Emergency conservation measures . . . . .	14,604	16,465	16,215	23,343	22,163
Drought and flood conservation . . . . .		116,148	30,332	2,988	276
Waterbank . . . . .	2,512	4,578	5,587	7,219	8,503
Miscellaneous . . . . .	<sup>1,2</sup> (219)	<sup>1,2</sup> (64)	<sup>1,2</sup> (179)		
Public access . . . . .					
Hay and cattle transportation payments . . . . .	12,671	34,011	<sup>1,2</sup> (251)		
Emergency feed . . . . .		16,543	163,998	58,649	86,846
Emergency livestock feed . . . . .		56,751			
Extended storage . . . . .				225,950	160,353
Potato diversion . . . . .				24,159	1,105
Grand total . . . . .	726,038	1,741,659	2,704,512	1,404,219	1,273,334

<sup>1</sup> Prior year adjustments.

<sup>2</sup> Credit.

Agricultural Stabilization and Conservation Service.

Table 715.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions): Number of farms and payees, producer net payment, production for payment, and average payment per farm and per payee, United States, 1979 and 1980 programs

Item	Unit	Total all commodities (net)	Feed grains				Wheat	Cotton	Rice
			Total (net)	Corn	Grain sorghum	Barley			
Section I: Total farm data									
1979 PROGRAM									
Farms	Number	89,197	27,889	13,297	10,125	5,192	37,340	30,891	256
Payees	Number	149,426	40,555	16,568	17,634	7,365	63,491	56,284	602
Producer net payment	Dollars	211,988,639	33,563,040	15,730,657	12,283,444	5,548,943	72,066,775	105,401,477	957,382
Production for payment	Bushels/pounds <sup>1</sup>			15,076,655	10,706,974	4,930,597	42,828,025	548,966,027	31,701,341
Average payment per farm	Dollars	2,377	1,203	1,183	1,213	1,069	1,930	3,412	3,740
Average payment per payee	Dollars	1,419	828	949	697	753	1,135	1,873	1,590
1980 PROGRAM (as of May 17, 1981)									
Farms	Number	421,357	285,146	208,525	72,206	18,052	87,690	84,735	486
Payees	Number	674,053	433,589	300,750	125,516	26,623	142,134	155,383	1,450
Producer net payment	Dollars	42,838,427	17,668,342	11,036,204	4,954,857	1,677,397	15,847,179	9,253,474	69,515
Production for payment	Bushels/pounds <sup>1</sup>	940,070,444	410,580,209	278,430,706	100,938,089	31,211,429	227,805,092	299,977,881	1,707,255
Average payment per farm	Dollars	2,231	1,440	1,335	1,398	1,729	2,598	3,484	3,513
Average payment per payee	Dollars	1,395	947	926	804	1,172	1,603	1,931	1,177
Section II: Prevented planting farm data									
1979 PROGRAM									
Farms	Number	4,213	3,072	2,150	438	523	854	508	13
Payees	Number	5,673	3,885	2,504	662	773	1,267	826	30
Producer net payment	Dollars	5,384,814	2,907,264	1,684,338	487,398	735,527	1,468,781	871,896	136,865
Production for payment	Bushels/pounds <sup>1</sup>			2,307,327	624,872	919,413	1,299,809	4,541,138	4,531,980
Average payment per farm	Dollars	1,278	946	783	1,113	1,406	1,720	1,716	10,528
Average payment per payee	Dollars	949	748	673	736	952	1,159	1,056	4,562
1980 PROGRAM (as of May 17, 1981)									
Farms	Number	5,436	4,369	3,303	579	522	975	219	11
payees	Number	7,280	5,611	3,996	871	793	1,435	393	30
Producer net payment	Dollars	8,462,360	5,585,821	3,517,865	1,256,518	811,436	1,840,089	881,499	154,960
Production for payment	Bushels/pounds <sup>1</sup>			4,647,892	1,515,921	956,700	1,525,505	4,520,504	4,903,820
Average payment per farm	Dollars	1,557	1,279	1,065	2,170	1,554	1,887	4,025	14,087
Average payment per payee	Dollars	1,162	996	880	1,443	1,023	1,282	2,243	5,165

		Section III: Low yield farm data								
1979 PROGRAM		Number	85,705	25,154	11,342	9,761	4,710	36,606	30,473	246
Farms	Number	144,794	37,115	14,283	17,077	6,671	62,400	55,608	577	
Payees	Dollars	206,603,825	30,655,779	14,046,326	11,796,049	4,813,417	70,579,998	104,529,578	820,518	
Producer net payment	Bushels/pounds <sup>1</sup>			12,769,330	10,082,106	4,011,187	41,528,219	544,424,893	27,169,361	
Production for payment	Dollars	2,411	1,219	1,238	1,208	1,022	1,929	3,430	3,335	
Average payment per farm	Dollars	1,427	826	983	691	722	1,131	1,880	1,422	
Average payment per payee										
1980 PROGRAM (as of May 1, 1981)		Number	417,276	281,221	205,377	71,762	17,631	87,182	84,665	482
Farms	Number	668,800	428,630	296,937	124,838	26,028	141,372	155,275	1,436	
Payees	Dollars	931,608,084	404,994,396	274,912,841	99,681,566	30,400,000	225,964,999	299,096,385	1,552,294	
Producer net payment	Bushels/pounds <sup>1</sup>			24,913,334	80,020,991	24,193,237	127,565,129	533,827,530	49,123,250	
Production for payment	Dollars	2,233	1,440	1,339	1,389	1,724	2,592	3,533	3,221	
Average payment per farm	Dollars	1,393	945	926	798	1,168	1,598	1,926	1,081	
Average payment per payee										

<sup>1</sup> Feed grains and wheat are expressed in bushels; cotton is expressed in pounds.

Agricultural Stabilization and Conservation Service. Totals may not add due to rounding.

Table 716.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions): Disaster payments, by States, 1978-80

State	1978 Program				1979 Program				1980 Program <sup>1</sup>			
	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice
	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	1,000 dollars	1,000 dollars
Ala . . . . .	880	3			191	13	825		4,801	359		
Alaska . . . . .									51			
Ariz . . . . .	18	1	1,186	91	70	162	865		283	16	252	
Ark . . . . .	119	88	11,191	269	30	546	4,192	132	6,296	726	16,660	190
Calif . . . . .	1,835	1,195	27,288		357	604	269	7	1,071	1,954	169	8
Colo . . . . .	3,721	7,195			1,266	5,734			1,883	1,995		
Conn . . . . .					4				( <sup>2</sup> )			
Del . . . . .	51	7			6	4			717	19		
Fla . . . . .	462	2	24		386	1	3		1,834	317	16	
Ga . . . . .	4,701	10	884		890	42	790		13,273	138	5,708	
Idaho . . . . .	1,700	1,138			831	2,247			830	804		
Ill . . . . .	1,890	1,182			329	372			30,208	109		
Ind . . . . .	937	530			1,686	87			9,842	86		
Iowa . . . . .	2,570	117			308	27			14,599	109		
Kans . . . . .	9,158	10,467			2,077	9,115			58,887	13,861	( <sup>2</sup> )	
Ky . . . . .	538	57	19		207	38			8,130	52		
La . . . . .	61	3	7,360	215	21	23	217	113	275	275	14,019	929
Maine . . . . .	55				29				4			
Md . . . . .	118	18			26	6			2,310	37		
Mass . . . . .	1				7				15			
Mich . . . . .	2,079	310			603	82			3,595	265		
Minn . . . . .	1,785	1,123			3,021	1,878			11,693	21,778		
Miss . . . . .	79	8	9,363		33	70	2,215	17	1,002	389	13,537	109
Mo . . . . .	2,719	1,573	1,696		506	1,196	1,104	1	56,140	628	4,133	
Mont . . . . .	1,573	2,728			1,082	8,636			4,721	40,599		
Nebr . . . . .	2,920	4,336			2,620	7,509			32,022	2,778		
Nev . . . . .	14	45			4	3			9	2		
N.H . . . . .	1								6			
N.J . . . . .	10	9			1	5			673	( <sup>2</sup> )		
N.Mex . . . . .	3,687	4,507	2,596		1,255	2,128	3,351		6,104	3,583	2,526	
N.Y . . . . .	226	125			189	6			149	19		
N.C . . . . .	584	33	450		295	6	279	( <sup>2</sup> )	7,184	83	751	( <sup>2</sup> )
N. Dak . . . . .	1,685	1,836			1,481	7,632			21,923	85,309		
Ohio . . . . .	298	336			155	54			3,072	265		
Okla . . . . .	2,440	5,812	3,522	7	648	1,831	498		4,357	8,674	23,357	9
Oreg . . . . .	139	1,357			87	371			3	78		
Pa . . . . .	48	29			56	22			7,711	27		
R.I . . . . .												
S.C . . . . .	2,001	10	648		283	17	378		5,366	62	3,420	
S. Dak . . . . .	2,531	7,215			1,829	13,513			29,229	19,245		
Tenn . . . . .	237	108	1,650		112	428	3,032		9,405	151	3,173	
Tex . . . . .	25,937	30,608	117,630	83	8,181	3,855	87,383	688	40,507	21,527	208,870	462
Utah . . . . .	290	235			124	733			102	235		
Vt . . . . .	1				( <sup>2</sup> )				7	1		
Va . . . . .	197	30	6		310	28	2		8,105	44	3	
Wash . . . . .	40	1,768			50	2,248			67	459		
W. Va . . . . .	4	1			3	( <sup>2</sup> )			9	( <sup>2</sup> )		
Wis . . . . .	2,361	25			1,812	9			1,943	74		
Wyo . . . . .	217	559			100	785			166	675		
U.S. <sup>3</sup> . . . . .	82,916	86,740	187,809	665	33,563	72,067	105,401	957	410,580	227,805	299,978	1,708

<sup>1</sup> Data through May 1, 1981.<sup>2</sup> \$500 or less.<sup>3</sup> Totals may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 717.—Fruit, vegetable, and tree nut marketing agreement and order programs

Program	Estimated number of commercial producers	Farm value
	<i>Number</i>	<i>1,000 dollars</i>
Citrus fruits (1979-80 season):		
California and Arizona Navel and miscellaneous oranges . . . . .	4,060	139,016
California and Arizona Valencia oranges . . . . .	3,830	96,429
California and Arizona Desert grapefruit . . . . .	300	17,556
California and Arizona lemons . . . . .	2,400	161,319
Florida oranges, grapefruit, tangerines, and tangelos <sup>1</sup> . . . . .	14,000	1,345,609
Florida limes . . . . .	160	13,805
Texas oranges and grapefruit . . . . .	2,900	46,013
Deciduous fruits (1980 season):		
California Bartlett pears, plums, and freestone peaches . . . . .	2,650	189,980
California nectarines . . . . .	700	44,468
California olives . . . . .	1,300	38,406
California Tokay grapes . . . . .	400	30,035
Colorado peaches . . . . .	200	3,222
Florida avocados . . . . .	190	16,297
Georgia peaches . . . . .	100	16,920
Washington apricots . . . . .	210	965
Washington sweet cherries . . . . .	1,200	30,139
Washington peaches . . . . .	450	5,549
Washington, Oregon, and California winter pears . . . . .	1,500	60,542
Washington and Oregon Bartlett pears . . . . .	2,000	40,249
Washington and Oregon prunes . . . . .	450	3,442
Cranberries . . . . .	900	71,822
Tart cherries . . . . .	3,500	39,881
Hawaiian papayas . . . . .	180	9,769
Dried fruits (1980 season):		
California dates . . . . .	143	13,658
California dried prunes . . . . .	2,000	112,470
California raisins . . . . .	4,800	369,830
Vegetables (1979-80 season):		
Florida celery . . . . .	28	46,774
Florida tomatoes . . . . .	185	243,258
Idaho and eastern Oregon onions . . . . .	350	21,765
Texas lettuce . . . . .	47	6,367
South Texas melons . . . . .	73	38,958
South Texas onions . . . . .	175	30,800
Texas tomatoes . . . . .	33	6,670
Potatoes (1979-80 season):		
Colorado . . . . .	330	38,819
Idaho and eastern Oregon . . . . .	1,922	265,088
Maine . . . . .	1,266	89,976
Oregon and Northern California . . . . .	949	80,207
Southeastern States (Virginia-North Carolina) . . . . .	300	23,472
Washington . . . . .	403	123,548
Nuts (1980 season):		
California almonds . . . . .	7,091	487,500
California walnuts . . . . .	9,000	168,300
Oregon and Washington filberts . . . . .	1,081	16,973
Peanuts <sup>2</sup> . . . . .	65,300	478,604
Hops (1980 season) . . . . .	224	112,836
Spearmint oil (1980 season) <sup>3</sup> . . . . .	250	15,888
Total (47 Programs) . . . . .	(4)	5,213,194

<sup>1</sup> Includes Indian River and Interior grapefruit programs.

<sup>2</sup> Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.

<sup>3</sup> Marketing order regulating the handling of spearmint oil produced in the states of Washington, Idaho, Montana, Nevada, Utah, Oregon, and California. Farm value represents a two State value for Idaho and Washington.

<sup>4</sup> Total not shown because of duplication by producers growing more than one commodity.

Agricultural Marketing Service.

## CHAPTER XII

# AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. 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. Data on production, supply, and distribution of naval stores are included because of their close association with forestry statistics.

**Table 718.—Agricultural Conservation Program:<sup>1</sup> Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, by program years, 1966–78 and fiscal years 1979–80**

Program year	Agricultural Conservation program <sup>2</sup>	Emergency Conservation Program	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966	211,125	6,680	217,805
1967	222,170	4,263	226,433
1968	200,252	9,296	209,547
1969	185,945	7,341	193,285
1970	181,186	8,536	189,722
1971	146,706	15,124	161,831
1972	196,753	4,232	200,985
1973	195,600	24,930	220,529
1974	74,475	8,560	83,035
1975	138,700	7,405	146,105
1976	134,731	15,142	149,873
1977	175,347	18,952	194,299
1978	180,940	16,318	197,258
1979 <sup>3</sup>	245,843	23,418	269,261
1980	183,686	21,818	205,504

<sup>1</sup> From 1971 to 1973, the Rural Environmental Assistance Program was successor to the Agricultural Conservation Program. In 1974, the Rural Environmental Conservation Program was successor to REAP. In 1975, ACP was successor to RECP.

<sup>2</sup> Excludes administrative expenses. Includes Naval Stores Conservation Program, 1964–72. Includes Forestry Incentive Program in 1974, and Long-Term Agreements from 1975.

<sup>3</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978 - December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Table 719.—Agricultural Conservation Program: Participation and assistance, by States and Caribbean area, 1980 fiscal year

State or Territory	Participating farms	Area served	Assistance				Emergency Conservation Program	
			Regular	Long term	Emergency Conservation Program	Total assistance	Participating farms	Area served
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 acres</i>
Ala . . . . .	6,971	235	4,302	224	4,690	9,216	2,484	223
Alaska . . . . .	97	25	146	73		219		
Ariz . . . . .	693	407	1,666	192	1,735	3,593	272	95
Ark . . . . .	6,889	259	3,475	261	94	3,830	50	19
Calif . . . . .	1,844	200	3,840	383	1,338	5,561	268	51
Colo . . . . .	2,547	509	4,530	379	193	5,102	441	65
Conn . . . . .	1,280	29	332	35	57	424	21	(1)
Del . . . . .	259	12	194	22		216		
Fla . . . . .	4,716	205	3,157	199	223	3,579	95	27
Ga . . . . .	8,615	195	4,019	222	324	4,565	385	16
Hawaii . . . . .	233	32	396	17	270	683	139	90
Idaho . . . . .	1,515	136	2,242	130	220	2,592	190	37
Ill . . . . .	5,301	212	5,824	883	272	6,979	200	17
Ind . . . . .	4,949	165	5,362	350	353	6,065	496	20
Iowa . . . . .	8,043	201	6,767	666	202	7,635	229	26
Kans . . . . .	5,718	357	5,014	337	443	5,794	453	45
Ky . . . . .	8,814	182	4,237	338	166	4,741	258	10
La . . . . .	5,427	204	2,844	292	62	3,198	27	7
Maine . . . . .	2,109	41	1,895	128	30	2,053	17	(1)
Md . . . . .	1,008	21	844	109	23	976	26	1
Mass . . . . .	852	21	394	10	30	434	26	(1)
Mich . . . . .	6,422	206	3,440	264	31	3,735	44	1
Minn . . . . .	5,384	165	5,358	336	333	6,027	447	62
Miss . . . . .	8,327	223	4,097	233	928	5,258	1,414	110
Mo . . . . .	10,735	314	7,019	390	124	7,533	184	8
Mont . . . . .	2,982	1,016	4,117	285	1,087	5,489	402	188
Nebr . . . . .	5,201	496	4,378	414	146	4,938	122	10
Nev . . . . .	352	50	785	54	62	901	19	103
N.H . . . . .	673	14	487	32	5	524	4	(1)
N.J . . . . .	1,244	52	443	28		471		
N. Mex . . . . .	1,997	749	2,275	234	305	2,814	271	27
N.Y . . . . .	4,877	101	3,697	478	132	4,307	115	3
N.C . . . . .	28,352	373	3,535	142	345	4,022	280	2
N. Dak . . . . .	6,808	547	3,654	154	410	4,218	573	70
Ohio . . . . .	6,261	162	4,027	294	78	4,399	95	1
Okla . . . . .	6,603	417	4,656	324	9	4,989	15	2
Oreg . . . . .	1,897	194	2,741	244	129	3,114	98	20
Pa . . . . .	4,190	77	3,559	348	82	3,989	86	1
R.I . . . . .	138	5	72	(2)	2	74	2	(1)
S.C . . . . .	6,576	123	2,473	113		2,586		
S. Dak . . . . .	5,531	521	2,994	181	18	3,193	20	5
Tenn . . . . .	10,272	159	3,548	345	1,580	5,473	1,188	77
Tex . . . . .	15,310	1,925	13,494	825	1,898	16,217	1,084	274
Utah . . . . .	2,264	232	1,902	469	204	2,575	252	17
Vt . . . . .	1,980	42	1,048	56	36	1,140	8	1
Va . . . . .	8,855	120	2,668	178	287	3,133	220	8
Wash . . . . .	2,072	146	3,155	285	1,645	5,085	792	88
W. Va . . . . .	4,709	67	1,383	152	18	1,553	30	1
Wis . . . . .	6,073	158	4,557	347	58	4,982	54	2
Wyo . . . . .	874	218	1,390	197	68	1,655	11	4
U.S . . . . .	244,639	12,520	158,432	12,652	20,745	191,829	13,907	1,834
P.R . . . . .	636	11	459	7	378	844	510	48
V.I . . . . .	14	477	16		30	46	14	1
Total . . . . .	245,289	13,008	158,907	12,659	21,153	192,719	14,431	1,883

<sup>1</sup> 500 acres or less.  
<sup>2</sup> 500 dollars or less.

Agricultural Stabilization and Conservation Service. Totals are the sum of rounded data.

Table 720.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1980 fiscal year

State or Territory	Regular annual agreements						
	Diversions (area served)	Stream protection (area served)	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water con- trol struc- tures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala . . . . .	1,281	380	4,658	50	11,256		
Alaska . . . . .	10				35	10	
Ariz . . . . .	80	31					32,893
Ark . . . . .	457	59	45	1,146	65		45,576
Calif . . . . .	1,303	80	10	129		583	76,489
Colo . . . . .	2,530	80	92	81	318	1,220	136,921
Conn . . . . .	199	40	16	4	216		
Del . . . . .	6			36	38	69	
Fla . . . . .	128		150	92	972	179	11,580
Ga . . . . .	534	27	159		7,373		
Hawaii . . . . .	1,001			10	21	247	143
Idaho . . . . .	1,041	33		33	8,801	329	56,644
Ill . . . . .	2,321		636	1,016	72,593	324	
Ind . . . . .	2,260	2,958	187	1,219	38,330	162	
Iowa . . . . .	961	3	2,341	386	30,390	6,210	
Kans . . . . .	5,295		1,060	145	99,907	1,783	20,231
Ky . . . . .	3,331		101	118	14,844		
La . . . . .			29	1,562	1,567		18,936
Maine . . . . .	2,094	94	6	10	4,178		
Md . . . . .	1,195	3		46	2,702	26	
Mass . . . . .	12			1	11	2	226
Mich . . . . .	3,285	421	13,774	378	8,275	2,361	
Minn . . . . .	2,393	87	6,050	350	46,070	32,897	
Miss . . . . .	2,914		105	2,190	1,200		
Mo . . . . .	4,474	3	329	629	30,450	21	
Mont . . . . .	2,793	18	4	17	7,923	3,552	109,349
Nebr . . . . .	3,970		134	152	37,139	16,442	31,190
Nev . . . . .	160			2			22,986
N.H . . . . .	178	30	26		78		
N.J . . . . .	203	10		4	630	122	73
N. Mex . . . . .	3,920			95		750	35,546
N.Y . . . . .	4,237	46		32	2,224	66	
N.C . . . . .	397	18	4	31	7,764	374	
N. Dak . . . . .	2,950		873	8	21,066	73,076	177
Ohio . . . . .	765	65	341	1,443	24,065	1,250	
Okla . . . . .	19,481			406	46,562	1,460	11,111
Oreg . . . . .	1,765	863		189	11,191	168	16,342
Pa . . . . .	5,668	5	27	90	7,426	4	
R.I . . . . .	17			1	109		
S.C . . . . .	104		165	8	1,729		
S. Dak . . . . .	865		1,253	5	5,555	36,155	2,238
Tenn . . . . .	3,050	10	20	820	3,542		
Tex . . . . .	22,509			400	63,879	1	137,752
Utah . . . . .	433			1			67,781
Vt . . . . .	700	101	587	3	284		
Va . . . . .	320		10	22	2,583	7	
Wash . . . . .	2,670	658	21	72	13,454	1,248	21,408
W. Va . . . . .	299	80	26		627		
Wis . . . . .	3,718	1,135	972	98	47,902	504	
Wyo . . . . .	117					116	36,689
U.S . . . . .	120,394	7,338	34,211	13,534	685,344	181,718	892,281
P.R . . . . .	2			4			
V.I . . . . .	6						
Total . . . . .	120,402	7,338	34,211	13,538	685,344	181,718	892,281

Continued



**Table 720.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1980 fiscal year—Continued**

State or Territory	Regular annual agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Ala . . . . .	17,294	24,523	5,885	3,076	249		15,076
Alaska . . . . .	597	740					
Ariz . . . . .	1,316	84,676		281	19		
Ark . . . . .	18,460	62,778	1,790	1,444	1,607		303
Calif . . . . .	2,361	10,728	554	384	18		13,504
Colo . . . . .	8,728	19,906	3	16	56	1,301	
Conn . . . . .	915	1,087	98	1,605	5	33	
Del . . . . .	247	180	19	13	16		
Fla . . . . .	21,008	40,949	3,550	110	17		2,095
Ga . . . . .	19,660	39,895	1,897	990	157		16,734
Hawaii . . . . .	1,096	7,437	2	2	8		2,443
Idaho . . . . .	11,522	13,273	27	112	12	601	3,062
Ill . . . . .	6,666	6,045	163	1,076	220	2,136	14,715
Ind . . . . .	10,292	8,194	479	3,270	270		10,410
Iowa . . . . .	18,593	13,255	356	132	269	7,357	25,263
Kans . . . . .	7,165	7,526	55	121	175		106,538
Ky . . . . .	32,047	22,600	394	3,043	388	138	490
La . . . . .	14,181	35,850	62	204	224		
Maine . . . . .	3,697	2,824	604	2,570	2	501	15
Md . . . . .	967	1,015	587	1,127	33	1,256	
Mass . . . . .	1,964	920	27	1,414	4		12
Mich . . . . .	25,399	2,629	4,124	1,821	14	707	
Minn . . . . .	9,960	1,511	1,692	2,245	352	7,058	4,017
Miss . . . . .	20,628	62,282	1,731	451	1,096	13	2,880
Mo . . . . .	35,006	59,461	99	775	1,093	236	37,163
Mont . . . . .	46,725	154,250	14	896	99	13,102	1,210
Nebr . . . . .	7,628	7,571	79	94	215	1,644	43,917
Nev . . . . .	3,419	14,859					
N.H . . . . .	1,083	1,616	4	3,593	9	29	1
N.J . . . . .	1,735	583	70	75	21	135	121
N. Mex . . . . .	1,029	48,718	14	183	13		355
N.Y . . . . .	19,789	4,304	938	3,601	18	6,820	80
N.C . . . . .	9,656	62,475	1,260	61	43	210	752
N. Dak . . . . .	67,079	6,586	159	14	176	12,817	275
Ohio . . . . .	7,160	20,847	573	1,631	56	1,192	65
Okla . . . . .	51,888	16,943	145	174	1,866		48,935
Oreg . . . . .	9,152	62,500	2,808	3,418	85		17,183
Pa . . . . .	14,371	10,908	409	1,764	5	14,036	1,301
R.I . . . . .	177	106	36	40		4	26
S.C . . . . .	3,866	45,416	5,438	5,996	68	240	2,243
S. Dak . . . . .	106,875	17,976		404	145	4,556	14,920
Tenn . . . . .	33,670	59,184	228	13	732	12	4,556
Tex . . . . .	113,789	455,371	1,652	703	1,246	298	45,939
Utah . . . . .	998	68,465			14		1,226
Vt . . . . .	9,691	15,352	5	2,237	1	119	
Va . . . . .	7,495	55,649	3,505	661	174	510	116
Wash . . . . .	12,161	18,269	1,168	1,607	26	11,447	6,254
W. Va . . . . .	1,066	47,988	228	633	46		
Wis . . . . .	25,237	1,987	4,141	4,106	44	15,880	1,169
Wyo . . . . .	6,326	49,394		58	28		40
U.S . . . . .	851,834	1,777,001	47,072	58,244	11,434	104,388	445,404
P.R . . . . .	834	5,008	140		3		
V.I . . . . .	10	422					
Total . . . . .	852,678	1,782,431	47,212	58,244	11,437	104,388	445,404

Continued

**Table 720.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1980 fiscal year—  
Continued**

State or Territory	Long-term agreements						
	Diversions (area served)	Stream protection (area served)	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala	6		123	2	710		
Alaska						22,714	
Ariz							3,988
Ark				23	50		3,905
Calif	36		271	1			7,660
Colo	2,286			12	170	13	5,996
Conn	16	10			9		
Del			27		4	42	
Fla			49	26	40		2,156
Ga		50	6		450		
Hawaii							
Idaho	40			3	541		1,825
Ill	370	6	16	30	3,243	161	
Ind	299	46	6	81	1,874	3	
Iowa	197		8	54	1,318	28	
Kans	613		162	23	9,975	23	320
Ky	436			32	2,179		
La				116			4,120
Maine	412				462		
Md	195		26	1	323		
Mass							
Mich	252	58	239	24	1,061	97	
Minn	357		170	15	1,477	432	
Miss	80			80	126		
Mo	450			18	2,162		
Mont	220		8	1			9,290
Nebr	271		15	8	3,530	167	1,602
Nev							1,602
N.H	36	14			44		
N.J	40			1	251		
N. Mex	2,383			16	300		2,932
N.Y	977	19		11	853		
N.C	90				576		
N. Dak	387		92		2,357	2,092	40
Ohio	15		16	22	1,287	63	
Okla	1,408		6	28	3,285		810
Oreg	19	21	42	13	600		1,260
Pa	1,183		7	10	993		
R.I							
S.C	19				602		
S. Dak			10	1	190	1,085	526
Tenn	379		10	41	999		
Tex	1,576			4	7,818		3,017
Utah				1			5,043
Vt	69				10		
Va	58	40		7	426		
Wash		45		8	131		2,783
W. Va	11	42			64		
Wis	817	989	101	15	4,464	50	
Wyo						12	2,441
U.S	16,003	1,340	1,410	728	54,954	26,982	59,844
P.R							
V.I							
Total	16,003	1,340	1,410	728	54,954	26,982	59,844

Continued

**Table 720.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1980 fiscal year—Continued**

State or Territory	Long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Ala . . . . .	972	944	159		8	20	361
Alaska . . . . .	32						
Ariz . . . . .	1,352	7,820					
Ark . . . . .	2,238	2,137			42		
Calif . . . . .	311	10,068	73	73	1		
Colo . . . . .	2,136	14,892		107	19	50	995
Conn . . . . .	14	26	15	52			30
Del . . . . .		9					
Fla . . . . .	518	1,669	176		2		50
Ga . . . . .	1,169	260	109	130	27		400
Hawaii . . . . .		8,002			1		
Idaho . . . . .	714	1,355		20			1,267
Ill . . . . .	403	208	4	225	9	142	4,989
Ind . . . . .	492	104	123	532	11		1,137
Iowa . . . . .	258	68			17	52	4,107
Kans . . . . .	1,381	26		11	9		9,767
Ky . . . . .	1,194	1,221		25	17	176	244
La . . . . .	1,104	1,765	112	8	2		
Maine . . . . .	75			66		309	45
Md . . . . .	105	86			5	100	
Mass . . . . .	6	11	13	126			
Mich . . . . .	1,715	132	59	181		200	
Minn . . . . .	326	233			15	244	499
Miss . . . . .	1,676	831	25	114	27		292
Mo . . . . .	1,314	1,031		43	33	20	3,124
Mont . . . . .	2,401	12,096	2	249	1	363	
Nebr . . . . .	508	9,005	3		8	337	6,859
Nev . . . . .		273					
N.H . . . . .	51	21		163		11	
N.J . . . . .					1	8	
N. Mex . . . . .	1,198	9,096		176			
N.Y . . . . .	481	160	8		2	1,575	71
N.C . . . . .	409	507	42		7	92	54
N. Dak . . . . .	3,202	3,036			1	1,066	
Ohio . . . . .	354	2,206	88	451	3		
Okla . . . . .	5,009	1,699			47		1,498
Oreg . . . . .	384	5,618	100	182	6		2,764
Pa . . . . .	656	337		142		1,432	129
R.I . . . . .							
S.C . . . . .	635	498	94		16	236	228
S. Dak . . . . .	3,255	351			2		575
Tenn . . . . .	2,430	3,516	4	40	31	50	336
Tex . . . . .	4,466	48,543	106		34		5,125
Utah . . . . .	250	9,732					55
Vt . . . . .	227	28		22		51	
Va . . . . .	640	2,164	77	175	6	131	
Wash . . . . .	497	675		25			237
W. Va . . . . .	138	2,932	2	20	8		
Wis . . . . .	614	125	94	71	5	1,115	326
Wyo . . . . .	107	9,871			5		
U.S . . . . .	47,417	175,387	1,488	3,429	428	7,780	45,564
P.R . . . . .	48						
V.I . . . . .							
Total . . . . .	47,465	175,387	1,488	3,429	428	7,780	45,564

Agricultural Stabilization and Conservation Service.

**Table 721.—Agricultural Conservation Program:<sup>1</sup> Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1971–80 and total 1936–80**

Practice	Unit	1971	1972	1973	1974	1975	1976	1977	1978 <sup>2</sup>	1979 <sup>2</sup>	1980	Total 1936–80
Terrace systems <sup>3</sup>	1,000 acres	458	572	404	308	436	335	357	435	574	491	36,212
Sod waterways <sup>3</sup>	do	1,006	1,408	1,104	846	1,095	801	894	804	998	740	14,345
Conservation tillage systems	do	667	535	153	.....	56	177	66	135	202	377	129,871
Stripcropping systems	do	149	178	102	14	86	105	124	172	268	112	115,211
Establishing permanent vegetative cover	do	2,219	3,186	1,697	309	1,066	1,137	1,213	1,320	1,972	900	68,778
Vegetative cover in crop rotation	do	489	588	73	.....	7	22	79	266	275	3	27,402
Cropland protective cover	do	2,679	3,156	1,482	.....	978	1,033	1,294	1,436	1,534	1,281	501,356
Improving permanent vegetative cover	do	3,632	4,567	2,662	554	2,041	2,471	2,898	1,798	2,790	1,958	151,381
Planting trees or shrubs	do	167	227	62	211	37	20	33	32	47	49	5,976
Timber stand improvement	do	141	206	62	197	52	25	43	43	66	62	5,114
Permanent wildlife habitat <sup>3</sup>	do	493	801	99	162	110	113	120	165	110	36	5,109
Water impoundment reservoirs	Number	42,394	47,966	41,777	16,357	19,533	16,504	19,740	16,323	19,136	11,865	2,409,889
Grazing land protection	do	8,959	15,378	15,123	.....	7,198	5,661	8,166	9,804	14,117	11,573	477,235
Contour farming	1,000 acres	24	22	13	.....	6	13	10	10	25	27	139,921
Diversions <sup>3</sup>	do	194	344	187	183	174	137	136	142	200	136	6,271
Sediment retention, erosion, or water control structures	Number	13,575	19,878	16,170	8,105	8,767	7,726	9,045	9,598	15,404	14,266	3,349,893

<sup>1</sup> In 1974, the data include the Regular, Long-Term Agreement, and Forestry Incentive Programs. In 1975–80, the data include the Regular and Long-Term Agreement Programs.

<sup>2</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978–December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

<sup>3</sup> In area served.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

**Table 722.—Soil conservation districts: Funds appropriated by State and Local governments for conservation programs, fiscal year ending Sept. 30, 1981**

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	<i>1,000 dollars</i>		<i>1,000 dollars</i>
Ala	2,485	Nev	1,642
Alaska	868	N.H	322
Ariz	2,391	N.J	3,397
Ark	8,462	N. Mex	3,403
Calif	14,704	N.Y	5,126
Colo	2,145	N.C	7,709
Conn	1,009	N. Dak	2,576
Del	3,649	Ohio	9,574
Fla	2,606	Okla	8,022
Ga	6,247	Oreg	4,362
Hawaii	1,114	Pa	5,396
Idaho	3,846	RI	82
Ill	14,860	S.C	3,040
Ind	6,529	S. Dak	2,004
Iowa	14,312	Tenn	2,536
Kans	5,868	Tex	16,086
Ky	5,295	Utah	1,853
La	9,675	Vt	918
Maine	2,283	Va	1,554
Md	2,854	Wash	2,072
Mass	1,174	W. Va	2,530
Mich	3,782	Wis	7,091
Minn	7,087	Wyo	680
Miss	8,331	Caribbean <sup>1</sup>	6,953
Mo	4,763		
Mont	7,597	Total	255,804
Nebr	12,940		

<sup>1</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

**Table 723.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1966–80**

Year <sup>1</sup>	Number districts organized <sup>2</sup>		Total area in districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1966	6	2,995	15,711	1,768,992
1967	15	3,010	13,509	1,782,501
1968	2	3,012	15,971	1,798,472
1969	5	3,017	8,066	1,806,538
1970	9	3,026	4,505	1,811,043
1971	1	3,027	13,361	1,824,404
1972	-3	3,024	11,213	1,835,617
1973	-62	2,962	375,493	2,211,110
1974	-13	2,949	657	2,211,767
1975	-5	2,944	1,968	2,213,735
1976	-2	2,942	2,450	2,216,185
1977	-3	2,939	1,578	2,217,763
1978		2,939	-2,735	2,215,028
1979		2,939		2,215,028
1980	-17	2,922	-36,026	2,178,951

<sup>1</sup> Fiscal years July 1 to June 30 through 1976; Oct. 1 through Sept. 30 through 1980.

<sup>2</sup> Totals at the end of each year are net, including corrections and adjustments made during the year.

Soil Conservation Service.

**Table 724.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area and number of farms, cumulative through Sept. 30, 1980**

State or Territory	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and no. farms within organized districts	
			Total area	Farms (and ranches)
			<i>1,000 acres</i>	<i>Thousands</i>
Ala	Mar. 18, 1939	<i>Number</i> 64	33,030	57
Alaska	Mar. 25, 1947	1	375,304	1
Ariz	June 16, 1941	31	60,378	6
Ark	July 1, 1937	76	33,826	69
Calif. <sup>2</sup>	June 26, 1938	127	75,202	56
Colo	May 6, 1937	83	61,433	30
Conn	July 18, 1945	8	3,132	3
Del	Apr. 2, 1943	3	1,266	3
Fla	June 10, 1937	61	33,866	32
Ga	Mar. 23, 1937	34	37,959	57
Hawaii	May 19, 1947	15	4,089	4
Idaho	Mar. 9, 1939	51	53,285	26
Ill	July 9, 1937	98	29,095	111
Ind	Mar. 11, 1937	92	23,102	89
Iowa	July 4, 1939	100	36,012	126
Kans	Apr. 10, 1937	105	52,649	79
Ky	June 11, 1940	121	25,377	102
La	July 27, 1938	38	28,214	33
Maine	Mar. 25, 1941	16	17,539	7
Md	June 1, 1937	24	6,282	16
Mass	June 28, 1945	15	4,973	5
Mich	July 23, 1937	84	37,241	64
Minn	Apr. 26, 1937	92	27,798	99
Miss	Apr. 4, 1938	82	30,269	54
Mo	July 23, 1943	110	42,154	113
Mont. <sup>3</sup>	Feb. 28, 1939	59	89,724	24
Nebr	May 18, 1937	24	48,982	66
Nev	Mar. 30, 1937	30	70,605	2
N.H	May 10, 1945	10	5,955	2
N.J	July 1, 1937	16	4,813	23
N. Mex. <sup>4</sup>	Mar. 17, 1937	47	62,415	2
N.Y	July 20, 1940	57	30,489	46
N.C	Mar. 22, 1937	93	31,229	82
N. Dak	Mar. 16, 1937	62	45,149	43
Ohio	June 5, 1941	88	26,383	97
Okla	Apr. 15, 1937	88	43,726	81
Oreg	Apr. 7, 1939	47	60,603	34
Pa	July 2, 1937	66	29,353	59
R.I	Apr. 26, 1943	3	677	1
S.C	Apr. 17, 1937	46	19,345	29
S. Dak	July 1, 1937	69	49,309	58
Tenn	Mar. 10, 1939	95	26,450	97
Tex	Apr. 24, 1939	201	169,890	174
Utah	Mar. 23, 1937	40	49,229	16
Vt	Apr. 18, 1939	14	5,935	7
Va	Apr. 1, 1938	42	25,630	54
Wash	Mar. 17, 1939	52	37,073	29
W. Va	June 12, 1939	14	15,411	17
Wis	July 1, 1937	72	34,858	89
Wyo	May 22, 1941	38	59,944	11
U.S		2,904	2,176,652	2,390
P.R	July 1, 1946	17	2,189	29
V.I	June 1946	1	110	
Total		2,922	2,178,951	2,419

<sup>1</sup>For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.

<sup>2</sup>Includes the Imperial Irrigation District.

<sup>3</sup>Includes three State cooperative grazing districts.

<sup>4</sup>Includes the Elephant Butte Irrigation District.

Soil Conservation Service.

**Table 725.—Soil surveys: Total area mapped for conservation planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1980, and cumulative through Sept. 30, 1980**

State or Territory	Soil surveys for farm planning <sup>1</sup>		State or Territory	Soil surveys for farm planning <sup>1</sup>	
	Work during year ending Sept. 30, 1980	Total to date		Work during year ending Sept. 30, 1980	Total to date
	<i>Acres</i>	<i>Acres</i>		<i>Acres</i>	<i>Acres</i>
Ala . . . . .	874,544	21,011,607	Nev . . . . .	5,587,272	35,225,828
Alaska <sup>2</sup> . . . . .	1,666,891	362,526,820	N.H. . . . .	209,143	4,042,361
Ariz . . . . .	1,199,154	25,113,968	N.J. <sup>2</sup> . . . . .	97,955	4,568,014
Ark . . . . .	1,383,272	28,121,672	N. Mex . . . . .	1,699,264	60,255,648
Calif . . . . .	2,498,243	55,112,312	N.Y . . . . .	578,751	19,479,089
Colo . . . . .	24,965	41,738,448	N.C . . . . .	1,890,306	18,081,710
Conn . . . . .	1,659,181	3,132,160	N. Dak . . . . .	1,367,698	25,666,115
Del . . . . .	437,161	1,265,920	Ohio . . . . .	996,734	20,653,034
Fla . . . . .	437,161	18,418,059	Okla . . . . .	514,591	43,358,731
Ga . . . . .	272,650	31,801,399	Oreg . . . . .	1,394,987	21,670,963
Hawaii . . . . .	4,146,480	5,376,170	Pa . . . . .	377,809	27,801,725
Idaho . . . . .	933,662	21,370,701	R.I . . . . .	677,120	677,120
Ill . . . . .	1,500,347	18,903,615	S.C . . . . .	638,560	16,653,894
Ind . . . . .	1,063,180	19,114,588	S. Dak . . . . .	2,351,965	35,272,872
Iowa . . . . .	1,442,503	27,220,122	Tenn . . . . .	505,936	19,454,591
Kans . . . . .	522,804	46,228,156	Tex . . . . .	3,257,657	140,945,992
Ky . . . . .	1,676,968	18,772,133	Utah . . . . .	4,057,268	24,944,127
La . . . . .	294,040	15,681,383	Vt . . . . .	165,411	3,331,295
Maine . . . . .	165,686	8,275,614	Va . . . . .	660,505	12,172,302
Md . . . . .	1,081,373	6,269,053	Wash . . . . .	1,689,164	28,128,178
Mass . . . . .	1,748,677	3,937,793	W. Va . . . . .	325,066	10,513,619
Mich . . . . .	1,081,373	18,002,475	Wis . . . . .	614,805	24,414,223
Minn . . . . .	1,748,677	25,035,666	Wyo . . . . .	1,417,252	21,907,765
Miss . . . . .	568,675	24,891,687	Caribbean <sup>3</sup> . . . . .	102,609	2,200,008
Mo . . . . .	1,762,007	20,949,802			
Mont . . . . .	2,045,383	43,659,611	Total . . . . .	61,328,668	1,565,566,563
Nebr . . . . .	1,842,714	34,316,365			

<sup>1</sup>The National Cooperative Soil Survey of the Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

<sup>2</sup>Corrected cumulative total.

<sup>3</sup>Puerto Rico and Virgin Islands.

Soil Conservation Service.

**Table 726.—Land protected from erosion by soil conservation practices: newly applied in soil conservation districts with Soil Conservation Service assistance, fiscal years 1976–80**

Land protected from erosion <sup>1</sup>	Unit	1976 <sup>2</sup>	1977	1978	1979	1980
Cropland . . . . .	Acres	9,231,893	9,345,656	10,655,173	10,783,285	10,783,285
Pasture and hayland . . . . .	Acres	5,219,554	5,092,408	5,458,442	5,307,587	5,307,587
Rang and native pasture . . . . .	Acres	30,103,930	23,714,035	24,638,077	23,837,684	23,837,684
Woodland . . . . .	Acres	2,128,132	2,015,389	2,298,805	2,014,604	2,014,604
Wildlife . . . . .	Acres	2,559,336	2,563,101	2,706,371	2,840,096	2,840,096
Recreation . . . . .	Acres	218,596	269,507	209,246	152,438	152,438
All other . . . . .	Acres	336,119	771,162	322,511	684,684	684,684
Total land protected . . . . .	Acres	24,347,323	39,827,560	43,771,258	46,288,625	45,620,378

<sup>1</sup>Includes practices applied under all programs on which SCS provides technical assistance.

<sup>2</sup>Land protected not reported by land use prior to FY 1977.

Soil Conservation Service.

**Table 727.—Land protected from erosion by soil conservation practices: applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1980**

State or Territory	Cropland	Pasture and hayland	Range nature pasture	Woodland	Wildlife	Recreation	Other land	Total land protected
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Ala	118,061	165,461	98	173,020	41,157	3,503	2,753	504,053
Alaska	184	324	206,180	198			213	207,099
Ariz	38,832	6,536	285,682		54			331,104
Ark	466,235	270,888	29,755	173,561	161,969	6,328	4,586	1,113,322
Calif	109,800	32,420	133,387	24,418	28,423	4,367	3,739	336,554
Colo	101,666	46,917	444,791	10,834	1,452	8,089	4,770	618,519
Conn	1,275	540	9	1,596	267	184	2,269	6,140
Del	9,064	344		1,249	999	17	182	11,855
Fla	109,205	92,426	158,884	67,972	76,297	3,288	15,783	523,855
Ga	372,013	146,505	576	122,103	59,936	2,188	3,908	707,129
Hawaii	39,072	139,891			120,249		479,180	778,342
Idaho	138,001	45,727	149,417	18,398	28,330	602	2,536	383,011
Ill	126,011	12,223	56	3,404	6,387	571	5,439	154,091
Ind	228,238	37,031	21	27,660	13,624	2,287	1,699	310,760
Iowa	236,877	17,632	13	2,609	11,865	609	3,288	272,893
Kans	574,095	45,720	444,970	2,061	11,751	470	4,013	1,083,080
Ky	156,091	108,472		8,495	1,803	995	277,893	
La	365,540	117,637	3,585	115,635	111,522	495	5,920	720,334
Maine	22,978	18,728	8	29,206	11,364	369	464	83,117
Md	18,135	4,395		7,564	8,416	2,076	5,082	45,668
Mass	3,697	2,870	45	6,144	636	302	152	13,846
Mich	208,244	35,517	57	35,076	16,625	1,949	2,574	300,042
Minn	244,360	32,160	801	3,770	48,694	304	15,205	345,294
Miss	188,072	130,587		117,930	36,657	655	1,675	475,576
Mo	163,173	136,857	290	17,550	21,087	950	1,373	341,280
Mont	294,596	229,857	1,621,498	17,703	12,030	10,622	8,620	2,194,966
Nebr	682,394	127,868	2,026,629	1,571	501,196	503	14,252	3,354,213
Nev	29,812	4,624	4,416	6	72,597	7	117	111,579
N.H.	5,376	4,465	5	6,660	509	177	235	11,472
N.J.	13,381	1,887		3,986	170	319	2,561	22,304
N. Mex	93,392	16,815	2,788,947	6,200	2,291	725	1,067	2,909,437
N.Y.	70,289	36,011	1,550	83,423	7,116	1,372	2,897	202,658
N.C.	67,738	31,245	16	12,575	9,870	691	1,728	123,863
N. Dak	676,973	176,940	481,394	2,325	40,927	234	13,516	1,392,309
Ohio	163,492	40,769	26	18,752	13,326	2,527	1,153	240,080
Okla	616,632	546,445	882,736	22,922	60,115	646	1,921	2,131,417
Oreg	116,590	64,783	80,178	16,162	6,185	126	2,254	286,278
Pa	81,938	50,243	217	297,484	54,918	7,082	7,516	499,398
R.I.	1,555			921	328	90	308	3,757
S.C.	55,237	27,313	14	12,644	6,459	1,992	263	103,922
S. Dak	386,183	254,472	1,052,038	275	45,943	228	11,778	1,750,917
Tenn	82,308	117,116	84	31,411	927	236	626	232,708
Tex	2,885,542	1,623,266	11,934,331	406,320	1,089,163	72,215	30,399	18,041,236
Utah	57,960	12,143	233,872	4	5,607	26	83	309,695
Vt	14,856	22,668	654	7,621	487	54	364	46,704
Va	61,654	81,159	105	35,629	6,449	391	7,483	192,870
Wash	118,860	56,814	129,143	30,954	43,026	10,614	922	390,333
W. Va	8,593	31,427	63	11,217	5,946	668	3,734	61,648
Wis	100,582	9,451	426	17,317	14,709	208	1,105	143,858
Wyo	47,740	66,015	730,183		19,885	20	1,575	864,418
Caribbean <sup>1</sup>	10,693	23,428	10,534	9	353	227	317	47,561
Total <sup>2</sup>	10,783,285	5,307,587	23,837,684	2,014,604	2,840,096	152,438	684,684	45,620,378

<sup>1</sup> Puerto Rico and Virgin Islands.

<sup>2</sup> Includes land protected data shown in table 734, watershed protection and flood prevention projects.

Soil Conservation Service.



**Table 728.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1980, and cumulative through Sept. 30, 1980**

State or Territory	Progress, year ending Sept. 30, 1980			Cumulative through Sept. 30, 1980		
	New SCD cooperators		New conservation plans <sup>1</sup>	SCD cooperators		Conservation plans <sup>2</sup>
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Ala . . . . .	1,263	219,126	203,424	48,257	9,802,941	9,341,965
Alaska . . . . .	123	7,818,272	5,366,189	669	9,933,023	5,549,769
Ariz . . . . .	187	519,555	294,574	5,230	16,411,665	13,256,763
Ark . . . . .	1,441	379,170	344,667	93,374	18,989,126	18,160,070
Calif . . . . .	3,132	434,039	283,023	36,600	14,926,895	8,615,992
Colo . . . . .	691	697,310	472,377	23,931	24,658,308	21,961,791
Conn . . . . .	62	5,603	9,280	3,621	419,358	262,935
Del . . . . .	71	13,031	13,461	3,668	604,456	423,495
Fla . . . . .	920	358,792	506,946	42,743	12,680,679	9,203,468
Ga . . . . .	1,357	306,952	177,801	90,135	18,770,716	16,227,318
Hawaii . . . . .	88	1,448	7,918	2,258	2,904,160	1,729,414
Idaho . . . . .	495	129,551	216,329	51,607	11,525,190	7,094,499
Ill . . . . .	1,168	233,373	127,576	70,378	13,021,139	8,349,222
Ind . . . . .	1,092	170,438	183,868	69,956	10,399,987	6,591,377
Iowa . . . . .	2,751	549,685	195,336	107,530	20,855,791	14,338,431
Kans . . . . .	1,542	631,423	516,537	95,442	34,566,676	28,999,132
Ky . . . . .	1,547	271,951	177,775	75,360	10,445,234	7,433,470
La . . . . .	1,208	352,860	316,464	46,245	12,015,461	9,242,187
Maine . . . . .	611	124,886	106,082	12,447	2,425,532	1,666,801
Md . . . . .	646	55,486	33,728	22,239	2,874,018	1,840,946
Mass . . . . .	243	28,868	12,277	6,055	775,467	680,675
Mich . . . . .	823	118,464	149,118	62,005	8,326,461	5,878,969
Minn . . . . .	2,093	557,538	354,439	68,123	18,508,669	9,329,304
Miss . . . . .	1,624	372,401	335,441	80,423	16,219,405	13,919,935
Mo . . . . .	3,296	725,399	417,581	58,693	14,619,572	8,244,688
Mont . . . . .	341	932,922	563,636	14,081	43,125,442	32,020,656
Nebr . . . . .	2,172	1,054,123	560,786	71,863	33,659,367	24,491,147
Nev . . . . .	95	96,510	81,778	2,570	6,013,478	4,067,355
N.H . . . . .	195	42,114	20,178	5,933	1,129,474	672,557
N.J . . . . .	116	11,944	16,319	6,996	968,801	542,057
N. Mex . . . . .	294	697,463	960,018	11,915	39,176,794	31,683,236
N.Y . . . . .	1,424	320,272	438,314	49,600	10,827,343	7,559,928
N.C . . . . .	1,971	266,915	206,097	77,211	10,709,695	7,781,534
N. Dak . . . . .	504	379,096	346,586	38,528	32,607,923	27,490,145
Ohio . . . . .	2,280	234,026	129,373	87,813	10,847,831	7,152,717
Okla . . . . .	1,924	718,442	744,542	97,377	30,255,780	29,652,863
Oreg . . . . .	357	194,824	390,401	17,491	12,905,052	8,765,348
Pa . . . . .	1,578	162,932	230,226	59,902	10,725,910	8,554,192
R.I . . . . .	24	1,192	1,714	1,630	145,317	118,574
S.C . . . . .	1,290	207,269	159,470	37,097	7,010,265	5,613,569
S. Dak . . . . .	506	470,344	509,902	37,404	35,504,644	23,016,630
Tenn . . . . .	2,620	353,953	243,382	67,745	9,999,605	6,213,167
Tex . . . . .	5,539	4,014,347	3,793,533	199,326	112,998,917	111,523,811
Utah . . . . .	-211	-76,749	181,304	11,229	11,385,829	9,958,945
Vt . . . . .	261	43,589	45,381	11,918	2,382,095	1,610,626
Va . . . . .	598	131,725	149,406	43,735	7,203,095	5,233,418
Wash . . . . .	348	165,097	195,736	22,360	11,279,834	7,843,551
W. Va . . . . .	786	99,376	94,386	47,863	7,848,587	4,468,730
Wis . . . . .	1,353	266,035	184,347	48,892	10,067,811	6,332,046
Wyo . . . . .	179	684,683	630,302	7,470	25,856,305	20,071,715
Caribbean <sup>3</sup> . . . . .	196	19,929	20,776	21,572	1,194,158	1,069,595
<b>Total . . . . .</b>	<b>55,214</b>	<b>26,627,812</b>	<b>21,720,086</b>	<b>2,276,510</b>	<b>797,510,647</b>	<b>621,850,728</b>

<sup>1</sup> Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years.

<sup>2</sup> Losses through cancellation, death, and change of ownership are deducted and net total at end of year shown.

<sup>3</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

**Table 729.—Great Plains Conservation Program: Practices applied and cost-shares paid for year ending Sept. 30, 1980 and cumulative 1956–80**

Practice	Amount applied			Cost-shares paid	
	Unit	1980	1956-80	1980	1956-80
INITIAL APPLICATION					
Establish permanent vegetative cover	Acres	66,252	2,869,062	<i>Dollars</i> 1,280,896	<i>Dollars</i> 28,337,372
Establish field/wind stripcropping	do	19,946	1,119,980	65,609	1,744,636
Establish contour stripcropping	do	853	182,791	7,305	883,925
Establish contour farming	do	69	5,050	321	4,790
Reestablishing grasslands	do	72,429	2,365,988	1,827,416	29,157,629
Establishment of trees and shrubs	do	3,766	64,156	307,043	3,578,233
Establish permanent waterways	do	62,207	115,961	414,629	7,463,173
Terrace	Miles	3,002	98,242	2,220,928	30,982,546
Diversions	do	177	6,092	249,841	3,811,725
Grassland mechanical treatment	Acres	7,006	400,073	22,406	511,893
Dams for erosion control, detention	Number	295	23,789	366,131	6,765,101
Grade stabilization structures	do	11	6,201	170,267	2,178,657
Streambank protection, etc	Linear ft	39,515	329,346	15,401	358,561
Diversion dams and spreader ditches	Acres	5,605	155,772	461,329	4,214,804
Reorganizing irrigation systems	Number	1,731	7,156	541,071	10,091,121
Irrigation land leveling	Acres	2,490	243,988	223,833	7,644,943
Dams, pits, or ponds for irrigation	Number	17	860	48,654	859,849
Lining irrigation ditches	Linear ft	30,145	2,007,149	61,045	1,886,619
Wells	Number	1,500	25,915	836,426	14,844,619
Developing springs and seeps	do	135	18,239	57,684	803,207
Constructing dams, pits, or ponds	do	7,661	48,481	821,976	17,104,169
Pipelines	Miles	976	12,829	1,649,572	15,673,563
Controlling competitive shrubs	Acres	119,905	6,145,211	796,962	18,378,741
Fences	Miles	865	21,742	945,477	10,780,300
Critical area treatment	Acres	2,148	369,423	339,225	2,566,092
Irrigation tailwater recovery system	Number	3,839	4,175	45,902	362,062
Disposal lagoons	do	14	497	33,249	159,545
Recreation land grading and shaping	Acres	157	173	299	1,370
Water storage facilities	Number	1,798	12,855	817,254	4,601,346
Catchment basins	do	.....	5	.....	24,552
Shallow water areas	do	6	26	10,328	81,676
Holding ponds and tanks	do	38	225	162,121	571,664
Wheatgrass barriers	Linear ft	315,000	1,808,248	11,391	24,534
REAPPLICATION					
Establish permanent vegetative cover	Acres	15,149	217,444	370,684	2,333,122
Establish field/wind stripcropping	do	201	2,264	1,403	11,237
Establish contour stripcropping	do	.....	1,762	.....	15,900
Reestablishing grasslands	do	11,807	119,667	315,282	1,590,374
Establishment of trees or shrubs	do	244	4,432	22,466	232,986
Establish permanent waterways	do	273	5,688	26,616	261,936
Terraces	Miles	94	1,345	36,756	294,500
Diversions	do	2	17	1,607	7,507
Grassland mechanical treatment	Acres	.....	202	.....	220
Dams for erosion control, detention	Number	2	63	1,152	45,269
Grade stabilization structures	do	8	52	5,852	47,771
Streambank protection, etc	Linear ft	.....	1,961	.....	16,559
Diversion dams and spreader ditches	Acres	19	3,936	616	36,089
Reorganizing irrigation systems	Number	1	5,256	1,565	6,820
Irrigation land leveling	Acres	2	589	229	11,844
Dams, pits, or ponds for irrigation	Number	.....	7	.....	3,968
Lining irrigation ditches	Linear ft	.....	217	.....	163
Wells	Number	3	95	2,847	50,002
Developing springs and seeps	do	.....	8	.....	2,373
Constructing dams, pits, or ponds	do	1	103	658	43,777
Pipelines	Miles	3	19	7,929	24,383
Controlling competitive shrubs	Acres	4,141	79,260	19,865	174,183
Fences	Miles	.....	2	.....	607
Critical area treatment	Acres	305	777	18,367	89,285
Irrigation tailwater recovery system	Number	.....	.....	.....	372
Water storage facilities	do	.....	3	.....	3,152
Holding ponds and tanks	do	.....	1	.....	1,209
Tall wheatgrass barriers	Linear ft	.....	.....	.....	67
Total	.....	.....	.....	15,645,885	231,758,810

Soil Conservation Service.

**Table 730.—Great Plains Conservation Program:<sup>1</sup> Contracts, area, and obligations, by States, year ending Sept. 30, 1980, and cumulative 1956-80**

State	Designated counties	Contracts signed				Cost-share obligations		Contracts completed through Sept. 30, 1980	
		1980		1956-80		1980	1956-80	Number	1,000 acres
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 acres</i>
Colo . . . . .	37	81	374	4,813	13,130	1,108	25,647	3,286	9,338
Kans . . . . .	62	101	73	6,360	4,352	957	19,038	5,097	3,477
Mont . . . . .	40	55	180	2,481	13,363	752	16,565	1,752	8,596
Nebr . . . . .	61	113	204	7,271	10,183	1,019	23,694	5,905	7,677
N. Mex . . . . .	19	43	507	2,206	17,150	731	13,990	1,653	12,057
N. Dak . . . . .	38	92	107	6,176	8,534	558	14,963	4,723	6,317
Okla . . . . .	43	109	73	7,691	5,497	1,037	21,396	6,047	4,484
S. Dak . . . . .	52	94	215	3,755	10,052	974	16,737	2,133	6,062
Tex . . . . .	147	232	482	16,235	20,995	2,989	66,080	11,954	15,931
Wyo . . . . .	19	37	283	1,057	7,178	596	8,724	529	3,665
Total . . . . .	518	957	2,498	58,045	110,434	10,721	226,834	43,079	77,604

<sup>1</sup> As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).

Soil Conservation Service.

#### FOOTNOTES FOR TABLE 733

<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 non-forested 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 clearing in forest areas are classified as forest if less than 120 feet in width.

<sup>3</sup> Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 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 Alaska.

<sup>6</sup> Includes Hawaii.

Forest Service.

**Table 731.—Watershed protection<sup>1</sup> and flood prevention projects:<sup>2</sup> Works of improvement installed with the assistance of the Soil Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1980**

Item	Unit	P.L. 566 watersheds	Flood prevention watersheds
Projects in operation during year	Number	592	112
Land protected from erosion			
Cropland	Acres	275,122	139,295
Pasture and hayland	Acres	141,858	150,438
Range and native pasture	Acres	130,516	244,731
Woodland	Acres	46,127	9,941
Wildlife	Acres	56,190	43,632
Recreation	Acres	2,364	200
Other	Acres	5,221	1,477
Total land <sup>3</sup>	Acres	657,698	589,714

<sup>1</sup> As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended.

<sup>2</sup> All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of June 30, 1965, work in one watershed was completed.

<sup>3</sup> Land protected data included in Table 727 "Land Protected From Erosion by Application of Soil Conservation Practices."

Soil Conservation Service.

**Table 732.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending Sept. 30, 1979 and 1980 and cumulative to Sept. 30, 1980<sup>1</sup>**

Practices and measures <sup>2</sup>	Unit	Total completed or acquired		
		During year ending Sept. 30, 1979	During year ending Sept. 30, 1980	Cumulative, to Sept. 30, 1980
Fire protection:				
Roads and trails (constructed or rebuilt)	Miles	9	22	1,631
Firebreaks	.. do	6	43	3,071
Telephone lines	.. do			306
Large water-storage tanks	Number	2	2	174
Lookout towers	.. do			51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.)	.. do	2		159
Pumps	.. do	1	1	32
Radios (mobile and stationary)	.. do		5	416
Mobile equipment	.. do	1		183
Helispots and heliports	.. do	1	1	452
Stabilization of roadsides	Miles	153	213	3,725
Revegetation—cover improvement:				
Seeding and planting—trees and shrubs	Acres	11,336	9,492	898,732
Emergency seeding following fire <sup>3</sup>	.. do	3,175	683	1,048,981
Mountain channel control:				
Barriers	Number			1,093
Planting	Square yards			324,434
Channel clearing <sup>3</sup>	Acres			495
Channel stabilization	Linear feet	58,080	11,088	1,174,693
Forest management: Owner participation	Number	23,546	11,316	179,478

<sup>1</sup> Covers work in following watersheds: Buffalo Creek, Coosa River, Little Tallahatchie, Los Angeles, Potomac, Santa Ynez, Yazoo, Trinity, Washita, and Little Sioux.

<sup>2</sup> These principal physical works of improvement have been installed and major fire protection equipment items acquired for watershed improvement purposes under the Flood Control Acts by the Forest Service and cooperating State agencies.

<sup>3</sup> Includes treatment of watersheds following fire or other disaster under the provisions of Section 216 of the Flood Control Act of 1959.

Forest Service.

**Table 733.—Forest land: Total forest land and area and ownership of commercial timberland, by regions, Jan. 1, 1977<sup>1</sup>**

Region	Total forest land <sup>2</sup>	Commercial timberland <sup>3</sup>							
		All owner-ships	Federal			State, county, and municipal <sup>4</sup>	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private
	<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>
New England . . . . .	32,461	30,985	770	706	64	1,317	28,898	9,726	19,172
Middle Atlantic . . . . .	50,686	46,415	1,505	1,338	167	4,554	40,355	3,206	37,149
Lake States . . . . .	51,644	47,579	5,766	5,382	384	12,869	28,944	4,177	24,767
Central . . . . .	42,872	41,163	2,929	2,406	523	803	37,431	805	36,627
North . . . . .	177,662	166,141	10,970	9,831	1,139	19,543	135,628	17,914	117,715
South Atlantic . . . . .	48,710	47,677	3,850	3,026	824	930	42,897	5,811	37,086
East Gulf . . . . .	42,296	40,142	3,033	1,818	1,215	627	36,482	9,637	26,845
Central Gulf . . . . .	51,237	50,657	2,921	2,319	603	1,029	46,707	8,322	38,384
West Gulf . . . . .	64,632	49,569	4,496	3,793	704	844	44,229	12,475	31,755
South . . . . .	206,875	188,046	14,300	10,955	3,346	3,430	170,315	36,245	134,070
Pacific Northwest <sup>5</sup> . . . . .	172,136	53,283	27,516	23,329	4,187	7,667	18,101	9,841	8,260
Pacific Southwest <sup>6</sup> . . . . .	42,138	17,251	8,446	8,168	278	683	8,122	2,687	5,435
Northern Rocky Mtn . . . . .	55,682	33,478	22,408	21,312	1,096	2,414	8,657	2,073	6,584
Southern Rocky Mtn . . . . .	82,065	24,287	15,771	15,124	647	2,575	5,941	23	5,918
West . . . . .	352,021	128,299	74,140	67,933	6,208	13,338	40,821	14,624	26,197
All regions . . . . .	736,558	482,486	99,410	88,718	10,692	36,311	346,764	68,782	277,982

See footnotes on page 531.

**Table 734.—Timber volume: Net volume of growing stock and sawtimber on commercial timberland, by softwoods and hardwoods, and regions, Jan. 1, 1977<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>
New England . . . . .	41,848	23,383	18,464	75,507	43,800	31,707
Middle Atlantic . . . . .	56,461	7,606	48,856	101,959	17,094	84,865
Lake States . . . . .	44,517	11,901	32,616	97,766	30,984	66,782
Central . . . . .	30,319	1,684	28,635	83,788	4,625	79,163
North . . . . .	173,145	44,574	128,571	359,021	96,504	262,517
South Atlantic . . . . .	59,988	23,333	36,655	171,401	74,317	97,084
East Gulf . . . . .	40,134	24,405	15,729	112,478	74,078	38,400
Central Gulf . . . . .	51,977	23,555	28,422	162,351	87,903	74,448
West Gulf . . . . .	49,910	25,843	24,067	168,478	104,724	63,754
South . . . . .	202,009	97,136	104,873	614,709	341,023	273,686
Pacific Northwest <sup>4</sup> . . . . .	186,130	173,155	12,975	950,326	911,892	38,434
Pacific Southwest <sup>5</sup> . . . . .	49,870	45,979	3,891	264,716	255,611	9,105
Northern Rocky Mtn . . . . .	68,699	67,942	757	269,646	267,567	2,079
Southern Rocky Mtn . . . . .	31,116	26,993	4,122	120,524	112,812	7,711
West . . . . .	335,814	314,069	21,745	1,606,211	1,547,882	57,329
All regions . . . . .	710,968	455,779	255,189	2,578,940	1,985,408	593,532

See footnotes on page 537.

**Table 735.—Timber volume: Net volume of sawtimber on commercial timberland in the West, by regions and species, Jan. 1, 1977<sup>1</sup>**

Species	Total West	Pacific Northwest <sup>2</sup>	Pacific Southwest <sup>3</sup>	Northern Rocky Mountain	Southern Rocky Mountain
	<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>
Softwoods:					
Douglas-fir	514,317	352,954	72,938	74,264	14,160
Ponderosa and Jeffrey pines	192,070	68,640	51,300	34,885	37,246
True firs	214,540	88,770	71,951	39,551	14,268
Western hemlock	256,924	249,397	627	6,873	27
Sugar pine	25,001	4,585	20,410		6
Western white pine	16,779	5,055	1,245	10,407	72
Redwood	22,007	573	21,434		
Sitka spruce	50,459	50,191	268		
Engelmann and other spruce	78,492	16,318	9	28,157	34,008
Western larch	30,322	12,536		17,786	
Western redcedar	43,842	33,326	101	10,415	
Incense cedar	12,687	3,098	9,583		6
Lodgepole pine	71,435	15,061	4,142	40,849	11,383
Other	19,009	11,389	1,603	4,381	1,637
Total	1,547,882	911,892	255,611	267,567	112,812
Hardwoods:					
Cottonwood and aspen	14,179	4,479	52	1,938	7,709
Red alder	21,559	21,380	179		
Oaks	5,365	935	4,430		
Other	16,226	11,639	4,444	141	2
Total	57,329	38,434	9,105	2,079	7,711
All species	1,605,211	950,326	264,716	269,646	120,524

<sup>1</sup>Net volume in board feet, International ¼-inch log rule. Data may not add to totals because of rounding.<sup>2</sup>Includes Alaska.<sup>3</sup>Includes Hawaii.

Forest Service.

**Table 736.—Timber drain: Timber removals and annual mortality of growing stock and sawtimber by softwoods and hardwoods, 1976<sup>1</sup>**

Roundwood product, logging residues, and mortality	Growing stock			Sawtimber		
	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<sup>2</sup></i>	<i>Million board feet<sup>2</sup></i>	<i>Million board feet<sup>2</sup></i>
Roundwood products:						
Saw logs	6,332	4,987	1,345	37,826	30,478	7,349
Veneer	1,322	1,226	96	8,694	8,124	570
Pulpwood	3,356	2,350	1,006	9,878	7,314	2,564
Other industrial	343	226	117	1,456	1,012	445
Fuelwood	334	63	272	698	135	563
Total	11,687	8,852	2,835	58,552	47,062	11,490
Logging residues	1,398	813	585	3,433	2,277	1,156
Other removals	1,143	381	762	3,191	1,508	1,683
Total	2,542	1,194	1,347	6,624	3,785	2,839
Mortality	3,925	2,303	1,622	12,188	8,765	3,423

<sup>1</sup>Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use. Data may not add to totals because of rounding.<sup>2</sup>International ¼-inch log rule.

Forest Service.

Table 737.—Timber volume: Net volume of sawtimber on commercial timberland in the East, by regions and species, Jan. 1, 1977<sup>1</sup>

Species	Total East	North					South				
		Total	New England	Middle Atlantic	Lake States	Central	Total	South Atlantic	East Gulf	Central Gulf	West Gulf
<i>Softwoods:</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>	<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>
White and red pines	35,622	30,637	14,561	5,215	10,797	64	4,986	3,308	885	793	
Jack pine	2,864	2,864			2,864	1					
Longleaf and slash pines	51,811						51,811	4,769	28,634	13,617	4,791
Loblolly and shortleaf pines	244,489	2,840		1,682		1,158	241,649	49,401	32,515	66,545	93,188
Other yellow pines	25,264	4,984	275	2,610		2,099	20,280	11,499	3,606	4,745	431
Spruce and balsam fir	26,933	26,864	19,065	1,910	5,889		69	69			
Eastern hemlock	19,647	18,032	6,827	5,243		34	1,615	1,253	93	269	
Cypress	19,494	126				126	19,368	3,507	8,061	1,608	6,192
Ponderosa and Jeffrey pines	568	568			66	502					
Other	10,834	9,589	3,072	435	5,441	642	1,245	511	284	328	122
<b>Total</b>	<b>437,526</b>	<b>96,504</b>	<b>43,800</b>	<b>17,094</b>	<b>30,984</b>	<b>4,625</b>	<b>341,023</b>	<b>74,317</b>	<b>74,078</b>	<b>87,903</b>	<b>104,724</b>
<i>Hardwoods:</i>											
Select white oaks	54,986	27,256	870	7,956	3,835	14,596	27,730	11,659	2,148	8,980	4,943
Select red oaks	47,360	31,690	4,711	12,117	8,227	6,636	15,670	6,118	938	5,001	3,613
Other white oaks	37,713	12,653	85	6,964		5,605	25,059	8,878	3,147	6,218	6,817
Other red oaks	83,529	27,075	1,752	8,776	2,307	14,240	56,454	15,489	8,657	16,786	15,521
Hickory	33,645	11,705	340	3,501	460	7,403	21,940	6,101	2,254	7,826	5,759
Yellow birch	7,628	7,511	3,501	1,375	2,635		117	117			
Hard maple	28,792	27,443	7,038	7,181	10,384	2,840	1,350	636	54	601	59
Soft maple	28,424	20,390	5,166	7,701	4,512	3,012	8,034	4,784	1,836	994	421
Beech	16,780	12,547	2,435	5,071	1,996	3,045	4,234	1,817	226	1,173	1,017
Sweetgum	32,461	1,387		768		619	31,074	9,553	4,854	7,272	9,395
Tupelo and black gum	26,939	1,511		736		775	25,428	9,380	6,834	4,227	4,987
Ash	17,801	10,557	1,473	2,967	3,190	2,928	7,243	1,830	1,239	1,949	2,226
Cottonwood and aspen	21,039	18,492	1,085	911	13,799	2,697	2,547	279	44	1,063	1,162
Basswood	7,898	6,820	205	1,897	3,851	868	1,078	582	84	341	71
Yellow-poplar	34,111	10,752		6,399	34	4,319	23,359	14,450	3,193	5,602	114
Black walnut	2,205	1,647		339	45	1,263	558	247	13	220	79
Black cherry	6,862	6,380	229	5,313	351	507	482	171	40	200	71
Other	48,031	26,702	2,818	4,896	11,176	7,812	21,329	4,993	2,840	5,998	7,498
<b>Total</b>	<b>536,203</b>	<b>262,517</b>	<b>31,707</b>	<b>84,865</b>	<b>66,782</b>	<b>79,163</b>	<b>273,686</b>	<b>97,084</b>	<b>38,400</b>	<b>74,448</b>	<b>63,754</b>
<b>All species</b>	<b>973,729</b>	<b>359,021</b>	<b>75,507</b>	<b>101,959</b>	<b>97,766</b>	<b>83,788</b>	<b>614,709</b>	<b>171,401</b>	<b>112,478</b>	<b>162,351</b>	<b>168,478</b>

<sup>1</sup> Net volume in board feet, International ¼-inch log rule. Data may not add to totals because of rounding.

Forest Service.

**Table 738.—Timber removals and growth: Timber removals and net annual growth of growing stock and sawtimber on commercial timberland by softwoods and hardwoods and regions, 1976<sup>1</sup>**

Item and region	All species		Softwoods		Hardwoods	
	Removals <sup>2</sup>	Growth <sup>3</sup>	Removals <sup>2</sup>	Growth <sup>3</sup>	Removals <sup>2</sup>	Growth <sup>3</sup>
	<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>
<b>GROWING STOCK</b>						
New England . . . . .	639	1,345	396	838	244	506
Middle Atlantic . . . . .	663	1,795	103	229	560	1,566
Lake States . . . . .	719	1,617	181	463	538	1,154
Central . . . . .	637	1,035	25	69	612	965
North . . . . .	2,659	5,792	705	1,600	1,953	4,192
South Atlantic . . . . .	1,664	2,748	981	1,265	683	1,483
East Gulf . . . . .	1,367	2,326	1,048	1,722	319	604
Central Gulf . . . . .	1,760	2,910	1,139	1,555	621	1,355
West Gulf . . . . .	1,780	2,721	1,304	1,616	476	1,105
South . . . . .	6,571	10,705	4,471	6,158	2,100	4,547
Pacific Northwest <sup>4</sup> . . . . .	3,319	2,686	3,209	2,225	109	462
Pacific Southwest <sup>5</sup> . . . . .	835	792	818	713	17	79
Northern Rocky Mountain . . . . .	669	1,280	669	1,264	( <sup>6</sup> )	16
Southern Rocky Mountain . . . . .	176	409	173	325	3	84
West . . . . .	4,999	5,168	4,870	4,527	129	641
All regions . . . . .	14,229	21,664	10,046	12,285	4,183	9,380
	<i>Million board feet<sup>7</sup></i>	<i>Million board feet<sup>7</sup></i>	<i>Million board feet<sup>7</sup></i>	<i>Million board feet<sup>7</sup></i>	<i>Million board feet<sup>7</sup></i>	<i>Million board feet<sup>7</sup></i>
<b>SAWTIMBER</b>						
New England . . . . .	2,061	2,773	1,355	1,775	706	998
Middle Atlantic . . . . .	1,954	3,589	267	623	1,687	2,966
Lake States . . . . .	2,044	4,620	528	1,473	1,516	3,147
Central . . . . .	2,354	2,905	73	206	2,282	2,698
North . . . . .	8,413	13,887	2,223	4,077	6,190	9,810
South Atlantic . . . . .	5,771	9,426	3,564	4,620	2,207	4,807
East Gulf . . . . .	4,880	7,594	3,834	5,875	1,046	1,659
Central Gulf . . . . .	7,718	10,547	5,171	6,606	2,547	3,941
West Gulf . . . . .	8,268	9,955	6,370	7,066	1,898	2,889
South . . . . .	26,637	37,463	18,938	24,167	7,698	13,296
Pacific Northwest <sup>4</sup> . . . . .	20,164	12,655	19,786	11,225	379	1,430
Pacific Southwest <sup>5</sup> . . . . .	5,120	4,023	5,072	3,885	47	138
Northern Rocky Mountain . . . . .	3,847	4,882	3,846	4,845	1	37
Southern Rocky Mountain . . . . .	996	1,711	982	1,492	14	218
West . . . . .	30,127	23,271	29,686	21,447	441	1,824
All regions . . . . .	65,177	74,621	50,847	49,692	14,329	24,929

<sup>1</sup> Data may not add to totals because of rounding.<sup>2</sup> Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use.<sup>3</sup> The considerable excess of cut over growth for most western softwoods is not entirely due to overcutting. Growth is at a low level because part of the commercial forest area consists of old-growth timber which contributes little to net annual growth, and an excess of cut over growth is necessary to achieve a more regulated forest containing a desirable balance of growing stock by age classes.<sup>4</sup> Includes Alaska.<sup>5</sup> Includes Hawaii.<sup>6</sup> Less than 500,000 cubic feet.<sup>7</sup> International ¼-inch log rule.

Forest Service.



**Table 739.—National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, Sept. 30, 1980**

State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>	State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres
Ala	1,263	644	619	N.H.	814	700	114
Alaska	20,777	19,948	829	N. Mex.	10,271	9,244	1,027
Ariz	11,936	11,271	665	N.Y.	13	13	.....
Ark	3,502	2,476	1,026	N.C.	3,165	1,163	2,003
Calif	24,291	20,370	3,921	N. Dak.	1,106	1,106	( <sup>3</sup> )
Conn	15,932	14,414	1,518	Ohio	834	175	658
Co	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	Okla.	461	293	168
Fla	1,225	1,098	127	Oreg	17,453	15,616	1,838
Ga	1,911	863	1,048	Pa.	743	509	234
Hawaii	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	S.C.	1,382	609	772
Idaho	21,694	20,423	1,271	S. Dak.	2,269	1,995	274
Ill	840	261	579	Tenn	1,205	622	583
Ind	645	186	459	Tex	1,994	783	1,212
Kans	108	108	.....	Utah	9,129	8,046	1,083
Ky	2,102	667	1,435	Vt	629	280	350
La	1,023	598	425	Va	3,226	1,617	1,608
Maine	94	51	42	Wash	10,023	9,053	971
Mich	4,870	2,728	2,141	W. Va	1,861	967	894
Minn	5,466	2,796	2,670	Wis	2,023	1,499	524
Miss	2,310	1,141	1,169	Wyo	9,691	9,253	437
Mo	3,082	1,463	1,619	P.R.	56	28	28
Mont	19,086	16,753	2,333	V.I.	( <sup>3</sup> )	( <sup>3</sup> )	.....
Nebr	441	352	89				
Nev	5,434	5,146	289	Total	226,380	187,328	39,052

<sup>1</sup> *National Forest System lands*.—A nationally significant system of Federally owned units of forest, range and related land consisting of national forests, purchase units, national grasslands, and other lands, waters and interest in lands which are administered by the Forest Service or designated for administration through the Forest Service.

*National forests*.—Areas formally established and permanently held for national forest purposes.

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

*National grasslands*.—Lands designated "National grasslands" 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*.—Areas designated by the Secretary of Agriculture for conservation and utilization under Title III of the Bankhead-Jones Farm Tenant Act.

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

*Other areas*.—Lands administered by the Forest Service that are not included in the above groups.

<sup>2</sup> *Other lands within unit boundaries*.—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.

<sup>3</sup> Less than 500 acres.

Forest Service.

FOOTNOTES FOR TABLE 734

<sup>1</sup> Data may not add to totals because of rounding.

<sup>2</sup> Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

<sup>3</sup> Net volume of the saw-log portion of live sawtimber trees in board feet, International 1/4-inch log rule. Live trees of commercial species containing at least one 12-foot saw log or two noncontiguous 8-foot saw logs, and meeting regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast height, hardwoods 11.0 inches.

<sup>4</sup> Includes Alaska.

<sup>5</sup> Includes Hawaii.

Forest Service.

**Table 740.—Cooperative tree planting: Forest tree distribution program, with costs, United States, fiscal years 1966-78<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Trees distributed	Costs			Year ending June 30 <sup>2</sup>	Trees distributed	Costs		
		Federal contribution <sup>3</sup>	State expenditure	Total			Federal contribution <sup>3</sup>	State expenditure	Total
	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966 . . . .	521,440	219	6,593	6,812	1973 . . .	581,090	214	5,986	6,200
1967 . . . .	572,088	220	7,769	7,989	1974 . . .	539,549	216	6,674	6,890
1968 . . . .	573,067	221	8,836	9,057	1975 . . .	577,996	225	5,122	5,347
1969 . . . .	523,986	203	9,911	10,114	1976 . . .	506,464	140	( <sup>4</sup> )	( <sup>4</sup> )
1970 . . . .	494,941	197	8,347	8,544	1977 . . .	657,299	145	( <sup>4</sup> )	( <sup>4</sup> )
1971 . . . .	598,762	165	5,675	5,840	1978 . . .	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
1972 . . . .	552,997	175	5,636	5,810					

<sup>1</sup> Includes Puerto Rico; excludes Alaska. <sup>2</sup> Fiscal years July 1-June 30 for 1966-76; Oct. 1-Sept. 30 for 1977-78.<sup>3</sup> Provided by Clark-McNary law, Act of June 7, 1924, as amended. <sup>4</sup> Not available.

Forest Service.

**Table 741.—Cooperative forest management: Accomplishments and expenditures, United States, fiscal years 1966-80<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Accomplishments				Expenditures		
	Woodland owners assisted	Woodland involved	Products harvested	Gross sale value	Federal	State	Total
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	105,014	6,553	682,088	22,575	3,171	4,259	7,430
1967 . . . . .	107,654	6,232	517,368	22,005	3,157	5,021	8,178
1968 . . . . .	106,328	7,775	704,241	23,265	3,184	5,677	8,861
1969 . . . . .	109,835	7,184	855,336	31,429	3,130	6,356	9,486
1970 . . . . .	115,197	6,945	1,225,520	31,881	3,655	7,972	11,627
1971 . . . . .	127,828	7,937	860,950	27,398	4,363	9,080	13,443
1972 . . . . .	274,001	11,158	955,651	23,608	4,285	10,322	14,604
1973 . . . . .	106,422	6,472	1,578,664	37,709	4,133	12,394	16,527
1974 . . . . .	117,990	7,106	907,311	44,458	4,260	15,185	19,445
1975 . . . . .	140,940	10,369	663,740	27,517	4,663	17,771	22,434
1976 . . . . .	105,184	4,085	595,935	( <sup>3</sup> )	4,687	18,646	23,333
1977 . . . . .	133,619	4,614	921,171	( <sup>3</sup> )	5,529	( <sup>3</sup> )	( <sup>3</sup> )
1978 . . . . .	165,329	5,750	1,120,743	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1979 . . . . .	183,585	5,382	755,103	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1980 <sup>4</sup> . . . . .	176,385	6,277	211,020	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Under the Cooperative Forest Management Act of August 25, 1950, and related legislation. <sup>2</sup> Fiscal years July 1-June 30 for 1966-76; Oct. 1-Sept. 30 for 1977-80. <sup>3</sup> Not available. <sup>4</sup> Preliminary.

Forest Service.

**Table 742.—Forest fires: Expenditures for protection on State and private forest lands, United States, fiscal years 1966-80<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private owners	Total expenditures	Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private owners	Total expenditures
1966 . . . . .	12,803	71,812	1,243	85,858	1974 . . . .	20,079	130,286	( <sup>4</sup> )	150,365
1967 . . . . .	12,834	76,612	1,503	90,949	1975 . . . .	25,182	143,866	( <sup>4</sup> )	169,048
1968 . . . . .	14,357	80,464	1,249	96,070	1976 . . . .	22,642	167,125	( <sup>4</sup> )	189,767
1969 . . . . .	14,396	85,222	1,337	100,955	1977 . . . .	20,659	196,304	( <sup>4</sup> )	216,963
1970 . . . . .	16,440	95,293	1,816	113,549	1978 . . . .	30,008	181,975	( <sup>4</sup> )	211,983
1971 . . . . .	16,505	106,782	1,387	124,674	1979 . . . .	30,565	185,627	( <sup>4</sup> )	216,192
1972 . . . . .	20,000	104,732	818	125,550	1980 <sup>5</sup> . . .	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1973 . . . . .	20,025	116,013	847	136,885					

<sup>1</sup> Excludes emergency funds. <sup>2</sup> Fiscal years July 1-June 30 for 1966-76; Oct. 1-Sept. 30 for 1977-80.<sup>3</sup> Excludes administration and inspection costs. <sup>4</sup> Included in "State and county." <sup>5</sup> Not available.

Forest Service.

**Table 743.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1966–80**

Year	National forest lands			State and private forest lands					
	Fires	Area burned over	National forest area under Forest Service administration <sup>1</sup>	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1966	8,365	303	182,273	98,157	1,908	469,323	12,772	1,401	46,748
1967	8,988	151	182,507	102,267	1,926	479,623	11,263	2,390	37,587
1968	7,118	158	182,616	107,689	1,633	486,461	7,655	1,394	28,539
1969	7,409	75	182,340	97,393	1,582	511,965	5,846	995	31,127
1970	11,386	446	182,571	101,455	1,541	520,501	5,313	1,019	45,751
1971	9,233	117	182,578	91,673	1,827	574,443	3,558	733	39,528
1972	11,184	95	182,774	83,010	1,050	631,162	25,607	359	59,581
1973	9,608	134	183,014	78,877	1,086	626,523	26,274	153	63,959
1974	10,625	138	183,045	105,835	1,511	708,129	24,993	168	63,885
1975	8,646	153	183,280	91,026	1,119	726,356	31,574	264	70,848
1976	11,006	108	183,381	157,035	2,119	737,228	68,864	2,472	101,192
1977	11,474	391	183,447	142,577	2,096	748,692	15,148	254	98,501
1978	9,971	86	183,555	130,798	1,553	773,772	73,954	2,156	93,972
1979	9,181	328	183,187	104,413	1,317	783,522	44,915	433	89,518
1980 <sup>2</sup>	8,908	251	183,060	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> As of June 30. <sup>2</sup> Preliminary. <sup>3</sup> n.a. not available.

Forest Service.

**Table 744.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1966–80**

Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscellaneous forest products <sup>4</sup>	Total value including free-use timber	Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscellaneous forest products <sup>4</sup>	Total value including free-use timber
	Volume	Value <sup>3</sup>				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>		<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966	12,138	195,590	572	196,427	1974	10,958	508,615	519	509,916
1967	10,851	188,711	575	189,563	1975	9,174	365,952	1,369	368,423
1968	12,129	239,311	622	240,226	1976	9,575	492,029	1,224	<sup>5</sup> 495,367
1969	11,783	326,997	665	327,944	( <sup>6</sup> )	(3,432)	(209,938)	(129)	(210,067)
1970	11,527	307,610	695	308,638	1977	10,482	732,547	1,002	735,949
1971	10,341	257,020	623	258,404	1978	10,080	854,682	1,174	858,474
1972	11,700	381,957	546	382,946	1979	10,377	968,033	1,149	973,018
1973	12,357	479,233	515	480,124	1980	9,178	729,829	1,064	736,641

<sup>1</sup> Fiscal years July 1–June 30 for 1966–76; Oct. 1–Sept. 30 for 1977–80. <sup>2</sup> Commercial and cost sales and land exchanges. <sup>3</sup> Includes collections for forest restoration or improvement under the Knutson-Vanderberg Act, 1930. <sup>4</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc. <sup>5</sup> Includes free-use timber for 15-month period ending Sept. 30, 1976. <sup>6</sup> Transition quarter July 1, 1976–Sept. 30, 1976.

Forest Service.

**Table 745.—Lumber: Production, United States, 1966–80**

Year	Total	Softwoods	Hardwoods	Year	Total	Softwoods	Hardwoods
	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>		<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>
1966	36,584	28,847	7,737	1974	34,608	27,704	6,904
1967	34,741	27,311	7,430	1975	32,619	26,747	5,872
1968	36,473	29,285	7,188	1976	36,295	29,878	6,417
1969	35,824	28,342	7,482	1977	37,882	31,203	6,679
1970	34,668	27,530	7,138	1978	38,270	31,273	6,997
1971	36,988	30,039	6,949	1979	37,678	30,411	7,267
1972	37,745	30,975	6,770	1980 <sup>1</sup>	32,200	25,500	6,700
1973	38,695	31,586	7,009				

<sup>1</sup> Preliminary. Forest Service.

Table 746.—Timber products: Production, imports, exports, and consumption, United States, 1966-79<sup>1</sup>

Year	Industrial roundwood used for —											
	Lumber				Plywood and veneer				Pulp products			
	Pro-duction	Im-ports	Ex-ports	Con-sump-tion	Pro-duction	Im-ports	Ex-ports	Con-sump-tion	Pro-duction	Im-ports <sup>2</sup>	Ex-ports <sup>2</sup>	Con-sump-tion
	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>
1966 ..	5,630	810	160	6,280	1,030	115	5	1,140	3,190	1,290	420	4,060
1967 ..	5,325	800	175	5,950	1,030	110	10	1,130	3,190	1,240	460	3,970
1968 ..	5,545	960	180	6,325	1,120	165	10	1,275	3,385	1,260	525	4,120
1969 ..	5,415	980	180	6,215	1,050	180	20	1,210	3,585	1,340	570	4,355
1970 ..	5,215	955	195	5,970	1,020	170	15	1,170	3,835	1,280	720	4,400
1971 ..	5,385	1,130	165	6,355	1,175	210	15	1,365	3,560	1,310	620	4,255
1972 ..	5,535	1,415	215	6,740	1,300	270	25	1,550	3,520	1,365	625	4,260
1973 ..	5,670	1,460	300	6,830	1,320	225	40	1,510	3,755	1,460	640	4,575
1974 ..	5,095	1,115	270	5,940	1,150	155	50	1,255	4,220	1,470	805	4,885
1975 ..	4,980	930	255	5,565	1,165	170	70	1,265	3,485	1,105	715	3,875
1976 ..	5,475	1,290	290	6,475	1,355	215	65	1,500	3,805	1,320	710	4,420
1977 ..	5,730	1,675	260	7,140	1,425	210	35	1,600	3,645	1,395	725	4,320
1978 ..	5,825	1,910	275	7,460	1,460	230	45	1,645	3,745	1,595	720	4,625
1979 <sup>4</sup> ..	5,680	1,800	340	7,145	1,395	195	45	1,545	4,090	1,640	805	4,925

Year	Industrial roundwood used for — Continued										Fuel-wood production and consumption	Production, all products	Consumption, all products
	Other industrial products, <sup>5</sup> production and consumption	Logs		Pulpwood chip exports	Total								
		Imports	Exports		Production	Imports	Exports	Consumption					
	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	
1966 ..	565	20	240	15	10,665	2,230	835	12,060	845	11,510	12,905		
1967 ..	515	15	335	40	10,435	2,165	1,020	11,580	775	11,215	12,355		
1968 ..	485	15	440	85	11,060	2,400	1,235	12,220	700	11,760	12,920		
1969 ..	455	15	410	120	11,030	2,515	1,295	12,250	620	11,650	12,870		
1970 ..	425	25	465	145	11,105	2,430	1,540	11,995	540	11,640	12,530		
1971 ..	415	15	390	110	11,035	2,670	1,295	12,410	500	11,535	12,910		
1972 ..	405	10	535	140	11,440	3,060	1,545	12,960	475	11,915	13,435		
1973 ..	405	5	575	200	11,925	3,150	1,755	13,325	505	12,430	13,830		
1974 ..	395	15	455	230	11,540	2,755	1,805	12,490	535	12,075	13,025		
1975 ..	385	15	455	195	10,570	2,220	1,685	11,105	570	11,140	11,675		
1976 ..	380	15	555	245	11,815	2,840	1,870	12,785	600	12,415	13,385		
1977 ..	390	30	525	250	11,965	3,310	1,795	13,480	<sup>6</sup> 635	12,600	14,115		
1978 ..	400	20	585	225	12,240	3,755	1,845	14,150	<sup>6</sup> 680	12,920	14,830		
1979 <sup>4</sup> ..	410	25	665	280	12,525	3,660	2,135	14,050	<sup>6</sup> 780	13,305	14,830		

<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> Preliminary.

<sup>5</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.

<sup>6</sup> Judgment estimate subject to major revisions.

**Table 747.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1966–80**

Year	Douglas-fir <sup>1</sup>	Southern pine <sup>2</sup>	Ponderosa pine <sup>3</sup>	Western hemlock <sup>4</sup>	All eastern hardwoods	Oak, white, red, and black <sup>5</sup>	Maple <sup>5</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>
1966	50.00	38.60	19.80	20.50	29.30	23.20	40.90
1967	41.70	38.30	22.20	21.80	27.00	16.80	46.80
1968	61.20	42.20	30.20	35.60	23.60	17.30	31.30
1969	82.20	51.70	71.00	45.10	30.20	28.20	41.10
1970	41.90	44.10	32.10	20.50	26.90	26.60	34.40
1971	49.00	52.20	37.60	20.60	24.60	21.20	37.80
1972	71.70	65.60	65.80	49.00	34.30	26.60	59.40
1973	138.10	93.40	92.30	99.20	46.00	43.60	71.40
1974	202.40	76.20	100.60	110.80	45.90	54.70	79.50
1975	169.50	57.00	71.20	68.80	33.90	29.70	39.60
1976	176.20	87.00	101.80	79.70	34.90	43.40	36.60
1977	225.90	100.30	131.40	89.30	37.90	60.00	42.10
1978	250.30	134.50	164.70	113.60	41.10	59.20	57.40
1979	394.40	155.20	239.00	200.80	46.80	68.80	33.90
1980	432.20	155.40	206.10	212.70	52.40	65.60	37.40

<sup>1</sup>Western Washington and western Oregon. <sup>2</sup>Southern region. <sup>3</sup>Pacific Southwest region. Includes Jeffrey pines. Prior to 1979, California region. <sup>4</sup>Pacific Northwest region. <sup>5</sup>Eastern and Southern regions.

Forest Service. All U.S. Forest Service national forest prices in this table are bid prices (including KV payments) for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International ¼-inch log rule is used. Prices exclude timber sold by land exchanges and from land utilization project lands.

**Table 748.—Timber products: Producer price indexes, selected products, United States, 1966–80**  
[1967 = 100]

Year	Lumber	Plywood <sup>1</sup>	Wood pulp	Paper	Paper-board	Year	Lumber	Plywood <sup>1</sup>	Wood pulp	Paper	Paper-board
1966	100.1	109.2	100.0	97.5	102.2	1974	207.1	227.3	217.8	148.6	152.2
1967	100.0	100.0	100.0	100.0	100.0	1975	192.5	238.3	283.4	172.9	170.3
1968	117.4	133.6	100.0	102.0	95.9	1976	233.0	263.1	286.0	182.3	176.0
1969	131.6	140.3	100.0	105.5	99.4	1977	276.5	295.2	281.1	194.3	176.2
1970	113.7	116.4	109.6	111.0	101.1	1978	322.4	349.0	266.5	206.1	179.6
1971	136.0	131.2	112.1	114.2	102.4	1979	354.3	365.2	314.3	229.6	202.1
1972	159.4	158.6	111.5	116.3	105.5	1980 <sup>2</sup>	325.8	346.2	380.3	256.8	234.6
1973	205.2	201.8	128.3	121.4	115.1						

<sup>1</sup>Softwood plywood, interior panel ¼-inch, grade A-D. <sup>2</sup>Preliminary.

Forest Service. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

**Table 749.—Livestock on National Forest System lands: Number grazed, and grazing receipts, United States, 1966–80**

Year	Number grazed <sup>1</sup>		Receipts from grazing <sup>3</sup>	Year	Number grazed <sup>1</sup>		Receipts from grazing <sup>3</sup>
	Cattle and horses <sup>2</sup>	Sheep and goats			Cattle and horses <sup>2</sup>	Sheep and goats	
	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>
1966	1,476	2,309	3,861	1974	1,580	1,470	7,796
1967	1,521	2,264	4,184	1975	1,626	1,549	7,665
1968	1,531	2,210	4,083	1976	1,690	1,750	10,909
1969	1,577	2,162	4,438	1977 <sup>4</sup>	<sup>5</sup> 1,587	1,473	11,443
1970	1,607	2,105	4,371	1978 <sup>4</sup>	<sup>5</sup> 1,557	1,284	11,037
1971	1,606	2,051	5,413	1979 <sup>4</sup>	<sup>5</sup> 1,540	1,249	12,517
1972	1,633	2,049	5,515	1980 <sup>4</sup>	<sup>5</sup> 1,521	1,328	15,848
1973	1,571	1,598	6,196				

<sup>1</sup>Data for years 1966–72 are for livestock permitted to graze, 1973–76 are for authorized use, and 1977–80 are number actually grazed. <sup>2</sup>Prior to 1973 data included swine. <sup>3</sup>Fiscal years ending June 30 for 1966–76.

<sup>4</sup>Fiscal year ending September 30. <sup>5</sup>Includes burros.

Forest Service.

**Table 750.—Livestock on National Forest System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1980, by States**

State or other area	Number grazed		Receipts from grazing <sup>1</sup>	State or other area	Number grazed		Receipts from grazing <sup>1</sup>
	Cattle, horses, and burros	Sheep and goats			Cattle, horses, and burros	Sheep and goats	
	<i>Number</i>	<i>Number</i>	<i>Dollars</i>		<i>Number</i>	<i>Number</i>	<i>Dollars</i>
Ala . . . . .	469		1,991	N. Dak . . . . .	59,441	205	282
Alaska . . . . .			172	Ohio . . . . .	81		
Ariz . . . . .	129,074	52,318	2,530,066	Okla . . . . .	3,930		998
Ark . . . . .	6,327		16,268	Oreg . . . . .	128,363	41,848	910,886
Calif . . . . .	108,874	77,430	2,991,753	S.C . . . . .	67		
Colo . . . . .	219,803	274,004	1,668,648	S. Dak . . . . .	72,941	4,186	232,406
Fla . . . . .	1,427		9,279	Tex . . . . .	10,898		13,028
Ga . . . . .	580		2,726	Utah . . . . .	110,233	248,962	1,193,864
Idaho . . . . .	142,850	290,192	1,426,708	Vt . . . . .	14	30	593
Ill . . . . .	877	750		Va . . . . .	723	104	3,266
Ind . . . . .	670			Wash . . . . .	32,835	8,649	219,807
Kans . . . . .	5,868			W. Va . . . . .	1,315	260	9,021
Ky . . . . .			5	Wis . . . . .	150		
La . . . . .	4,152		15,654	Wyo . . . . .	149,010	210,052	1,114,542
Mich . . . . .	39			National forests . . . . .	1,338,301	1,306,990	13,972,484
Minn . . . . .	218		59	National grasslands and land utilization project lands . . . . .	183,144	20,952	1,875,738
Miss . . . . .	1,718		6,106				
Mo . . . . .	4,767		14,939				
Mont . . . . .	139,934	46,173	1,228,412				
Nebr . . . . .	19,926	350	196,872				
Nev . . . . .	54,440	47,541	562,389				
N. Mex . . . . .	108,035	24,888	1,601,744	Total . . . . .	1,521,445	1,327,942	15,848,222
N.Y . . . . .	1,380						
N.C . . . . .	15						

<sup>1</sup> Receipts shown by States are for national forests only; breakdown for national grasslands and land utilization project lands is not available.

<sup>2</sup> Includes receipts from Oregon and California Railroad Grant Lands.

Forest Service.

**Table 751.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1966–80**

Year ending June 30 <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>	Year ending June 30 <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>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	164,940	3,861	6,816	175,616	1974 . . . . .	459,892	7,796	17,996	485,684
1967 . . . . .	172,791	4,184	7,541	184,517	1975 . . . . .	341,305	7,665	24,091	373,061
1968 . . . . .	205,627	4,083	8,613	218,323	1976 . . . . .	418,564	10,909	25,190	454,663
1969 . . . . .	306,815	4,438	10,001	321,254	(3) . . . . .	(196,347)	(1,164)	(7,489)	(205,000)
1970 . . . . .	283,907	4,371	11,425	299,703	1977 . . . . .	652,050	11,443	28,076	691,569
1971 . . . . .	217,035	5,413	13,741	236,189	1978 . . . . .	723,330	11,037	30,989	765,356
1972 . . . . .	330,030	5,515	14,462	350,007	1979 . . . . .	796,286	12,517	40,860	849,663
1973 . . . . .	446,733	6,196	16,819	469,748	1980 <sup>4</sup> . . . . .	600,344	15,848	61,612	677,804

<sup>1</sup> Fiscal years July 1–June 30 for 1966–76; Oct. 1–Sept. 30 for 1977–80.

<sup>2</sup> Includes receipts from Oregon and California Railroad Grant Lands.

<sup>3</sup> Transition quarter July 1, 1976–Sept. 30, 1976.

<sup>4</sup> Preliminary.

Forest Service.

**Table 752.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years<sup>1</sup> 1979–81<sup>2</sup>**

State or other area	1979	1980	1981	State or other area	1979	1980	1981
	<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>
Ala . . . . .	624	894	953	N.H . . . . .	251	253	242
Alaska . . . . .	3,110	3,574	6,528	N. Mex . . . . .	2,355	2,557	2,429
Ariz . . . . .	5,037	5,009	4,234	N.C . . . . .	315	332	506
Ark . . . . .	3,055	3,590	4,272	N. Dak . . . . .		( <sup>3</sup> )	( <sup>3</sup> )
Calif . . . . .	49,613	50,452	37,551	Ohio . . . . .	44	81	60
Colo . . . . .	1,336	1,897	1,958	Okla . . . . .	451	517	605
Fla . . . . .	1,027	1,286	1,615	Oreg . . . . .	101,553	121,081	98,888
Ga . . . . .	826	797	826	Pa . . . . .	474	549	664
Idaho . . . . .	11,807	13,905	10,315	S.C . . . . .	1,897	2,147	1,812
Ill . . . . .	32	53	55	S. Dak . . . . .	743	675	713
Ind . . . . .	56	106	67	Tenn . . . . .	170	232	274
Ky . . . . .	116	211	184	Tex . . . . .	1,344	1,382	1,486
La . . . . .	2,759	3,185	2,328	Utah . . . . .	885	918	1,108
Maine . . . . .	17	17	16	Vt . . . . .	55	68	156
Mich . . . . .	600	730	828	Va . . . . .	150	181	251
Minn . . . . .	360	402	428	Wash . . . . .	31,191	40,289	32,708
Miss . . . . .	4,572	5,025	5,682	W. Va . . . . .	129	161	199
Mo . . . . .	1,907	3,102	3,852	Wis . . . . .	350	392	470
Mont . . . . .	8,259	9,460	7,585	Wyo . . . . .	1,116	1,251	1,397
Nebr . . . . .	45	59	60	P.R . . . . .	4	7	7
Nev . . . . .	228	255	311	Total . . . . .	238,863	276,982	233,623

<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.

<sup>3</sup> Less than \$500.

Forest Service.

**Table 753.—National Forest System lands: Number of visitor-days,<sup>1</sup> by States, and Puerto Rico, for the year ending Sept. 30, 1980**

State or other area	Developed sites	Dispersed type	Total	State or other area	Developed sites	Dispersed type	Total
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>		<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>
Ala . . . . .	298	954	1,252	N. Mex . . . . .	2,482	3,362	5,843
Alaska . . . . .	558	2,351	2,908	N.Y . . . . .	9	14	24
Ariz . . . . .	5,901	11,844	17,745	N.C . . . . .	1,476	3,777	5,253
Ark . . . . .	680	1,829	2,509	N. Dak . . . . .	14	113	127
Calif . . . . .	23,431	34,102	57,533	Ohio . . . . .	58	335	393
Colo . . . . .	9,904	12,545	22,449	Okla . . . . .	76	314	389
Fla . . . . .	1,579	1,695	3,274	Oreg . . . . .	8,456	10,071	18,527
Ga . . . . .	415	1,781	2,196	Pa . . . . .	611	1,535	2,146
Idaho . . . . .	3,664	7,134	10,797	S.C . . . . .	247	864	1,111
Ill . . . . .	207	632	839	S. Dak . . . . .	605	1,600	2,205
Ind . . . . .	203	578	781	Tenn . . . . .	1,166	1,404	2,571
Kans . . . . .	5	23	28	Tex . . . . .	310	1,427	1,737
Ky . . . . .	814	2,065	2,879	Utah . . . . .	5,045	9,016	14,061
La . . . . .	184	340	524	Vt . . . . .	401	144	545
Maine . . . . .	11	30	41	Va . . . . .	688	2,641	3,328
Mich . . . . .	1,457	4,030	5,487	Wash . . . . .	4,811	8,081	12,892
Minn . . . . .	1,174	3,426	4,599	W. Va . . . . .	402	998	1,401
Miss . . . . .	259	945	1,203	Wis . . . . .	565	1,509	2,074
Mo . . . . .	426	1,369	1,794	Wyo . . . . .	2,042	3,498	5,540
Mont . . . . .	2,616	5,961	8,577	P.R . . . . .	416	270	686
Nebr . . . . .	49	116	164	Total . . . . .	85,612	147,938	233,549
Nev . . . . .	1,020	1,344	2,364				
N.H . . . . .	879	1,874	2,753				

<sup>1</sup> Recreational use of national forest land and water which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.

<sup>2</sup> Data may not add because of rounding.

Forest Service.

**Table 754.—Hunting and fishing in National Forest System lands: Sportsman use, and population and hunter harvest of big game animals, United States 1966–80**

Year	Visitor-days <sup>1</sup>		Big game <sup>2</sup>		Big game hunter harvest <sup>4</sup>	
	Fishermen	Hunters	Deer	Others <sup>3</sup>	Deer	Others <sup>3</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1966	14,709	13,119	3,800	618	516	87
1967	13,956	13,249	3,996	634	530	93
1968	14,521	14,043	3,839	596	535	90
1969	14,868	14,148	3,691	599	562	96
1970	15,239	14,308	3,609	601	493	99
1971	14,842	13,130	3,467	602	471	96
1972	15,457	13,740	3,292	608	396	84
1973	15,761	14,232	3,065	610	376	89
1974	16,403	14,423	2,992	636	376	101
1975	16,151	14,472	2,809	647	338	97
1976	16,098	14,059	2,698	652	312	105
1977	16,029	14,517	2,723	686	291	96
1978	16,559	14,946	2,778	682	359	106
1979	16,776	15,328	2,667	668	354	101
1980	17,117	15,747	(5)	(5)	(5)	(5)

<sup>1</sup> A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. Beginning 1978 data for fiscal year ending Sept. 30.

<sup>2</sup> Inventory as of Apr. 30.

<sup>3</sup> Includes antelope, elk, bears, lions, moose, mountain goats, bighorn sheep, peccaries, and wild boar; population data also include alligators, beginning 1973.

<sup>4</sup> Years 1966–77 ending June 30; years 1978–80 ending April 30.

<sup>5</sup> not available.

Forest Service.

**Table 755.—Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1966–79**

Year	Pulpwood consumption <sup>1</sup>	Woodpulp production	Paper and board		
			Production	Consumption or new supply <sup>2</sup>	Per capita consumption
	<i>1,000 cords</i> <sup>3</sup>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Pounds</i>
1966	56,260	36,603	47,113	52,783	537
1967	55,932	36,677	46,926	52,041	524
1968	62,092	40,892	51,245	55,772	556
1969	65,892	42,813	54,187	59,005	582
1970	67,562	43,546	53,516	58,057	567
1971	67,157	43,903	55,086	59,629	576
1972	71,538	46,767	59,457	64,509	618
1973	73,596	48,327	61,304	66,887	636
1974	74,327	48,349	59,930	64,669	610
1975	65,421	43,084	52,521	55,955	534
1976	72,011	47,721	59,898	63,951	594
1977	73,935	49,132	62,722	67,325	621
1978	74,170	50,020	64,333	70,670	646
1979 <sup>4</sup>	77,362	50,612	66,608	72,755	660

<sup>1</sup> Includes changes in stocks.

<sup>2</sup> Production plus imports and minus exports, (excludes products); changes in inventories not taken into account.

<sup>3</sup> One cord equals 128 cubic feet.

<sup>4</sup> Preliminary.

Forest Service. Compiled from U.S. Department of Commerce publications.

## FOOTNOTES FOR TABLE 758

<sup>1</sup> Reports of the Bureau of the Census, U.S. Department of Commerce.

<sup>2</sup> Breakdown between gum and wood not available prior to 1976. All imports are included in "Gum" in "Total supply" prior to 1976.

<sup>3</sup> Barrels of 50 gallons.

<sup>4</sup> Total supply less exports and Mar. 31 stocks.

<sup>5</sup> Estimates discontinued after 1979 crop year except for gum turpentine production, imports and exports.

Statistical Reporting Service.



**Table 756. — Turpentine and rosin: Reported industrial consumption, United States, 1978-80.**

Year	Turpentine, crop year beginning April			Rosin, <sup>1</sup> crop year beginning April		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
Chemicals and rubber .....	<i>Barrels</i> <sup>3</sup> 496,840	<i>Barrels</i> <sup>3</sup> 497,720	<i>Barrels</i> <sup>3</sup> .....	<i>Drums</i> <sup>4</sup> 362,100	<i>Drums</i> <sup>4</sup> 353,650	<i>Drums</i> <sup>4</sup> .....
Ester gums and synthetic resins .....	( <sup>5</sup> ) .....	( <sup>5</sup> ) .....	.....	233,130	268,020	.....
Paint, varnish, and lacquer .....	650	410	.....	19,440	21,660	.....
Paper and paper size .....	( <sup>5</sup> ) .....	( <sup>5</sup> ) .....	.....	463,610	352,510	.....
Other industries .....	7,780	6,180	.....	89,540	68,690	.....
Total .....	505,270	504,310	.....	1,167,820	1,064,530	.....

<sup>1</sup> Includes B-wood resin.<sup>2</sup> Estimates discontinued after 1979 crop year.<sup>3</sup> Barrels of 50 gallons.<sup>4</sup> Drums of 520 pounds net weight for wood; 517 pounds for gum.<sup>5</sup> Included in other industries to avoid disclosure of individual operations.

Statistical Reporting Service.

**Table 757. — Gum naval stores: Market prices and value, United States, 1966-80**

Crop year beginning April	Average price per standard barrel received by producers for commercial crude gum delivered at central stills	Weighted average market price <sup>1</sup>		Market value of production		
		Turpentine, per gallon	Rosin, per 100 pounds net	Turpentine	Rosin	Turpentine and rosin
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966 .....	29.80	0.562	10.30	2,366	14,534	16,900
1967 .....	31.00	.574	10.36	1,944	11,966	13,910
1968 .....	31.24	.770	10.45	1,941	9,241	11,182
1969 .....	36.57	1.138	11.80	1,991	7,244	9,235
1970 .....	47.37	1.200	15.03	1,550	6,818	8,368
1971 .....	51.14	1.200	16.93	1,702	6,210	7,912
1972 .....	55.17	1.046	18.89	1,389	8,694	10,083
1973 .....	60.97	.806	22.72	863	8,737	9,600
1974 .....	84.36	1.389	35.92	1,084	10,106	11,190
1975 .....	59.59	1.585	25.15	1,640	9,338	10,978
1976 .....	59.46	1.427	24.46	1,278	7,971	9,249
1977 .....	65.46	1.425	25.35	1,035	6,702	7,737
1978 .....	67.82	1.610	27.54	784	4,925	5,709
1980 .....	( <sup>2</sup> ) 82.19	( <sup>2</sup> ) 2,036	( <sup>2</sup> ) 35.05	( <sup>2</sup> ) 686	( <sup>2</sup> ) 4,385	( <sup>2</sup> ) 5,071

<sup>1</sup> Computed from data compiled by the Market News Service in Raleigh, N.C.<sup>2</sup> Estimates discontinued after 1979 crop year.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 759

<sup>1</sup> Imports for consumption, as reported by the Bureau of the Census U.S. Department of Commerce.<sup>2</sup> Breakdown between gum and wood not available prior to 1976. All imports are included in "Gum" in "Total supply" prior to 1976.<sup>3</sup> Drums of 520 pounds net weight for wood; 517 pounds for gum.<sup>4</sup> Less than 500 drums.<sup>5</sup> Reports of the U.S. Department of Commerce. Includes some modified rosin.<sup>6</sup> Total supply less exports and Mar. 31 stocks.<sup>7</sup> The difference between domestic disappearance and reported industrial consumption is due to unreported industrial consumption; failure of some consumers to distinguish in their reports between gum, wood, and modified or derived rosins; and the inclusion of modified rosins in exports.<sup>8</sup> Estimates discontinued after 1979 crop year except for gum rosin production, imports, and exports.

Statistical Reporting Service.

Table 758.—Turpentine: Supply and distribution, United States, 1966–80

Crop year beginning April	Supply														
	Stocks, April 1			Production					Imports for consumption <sup>1 2</sup>			Total supply			
	Gum	Wood	Total	Gum	Wood			Total	Gum	Wood	Total	Gum <sup>2</sup>	Wood	Total	
					Steam distilled	Sulfate	Total wood								
	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	
1966	28,810	114,280	143,090	84,210	154,540	426,750	581,290	665,500	.....	.....	17,800	130,820	695,570	826,390	
1967	21,610	118,670	140,280	67,740	140,470	419,730	560,200	627,940	.....	.....	20,790	110,140	678,870	789,010	
1968	16,260	89,140	105,400	50,410	128,600	473,160	601,760	652,170	.....	.....	22,730	89,400	690,900	780,300	
1969	11,010	75,740	86,750	34,990	102,880	479,500	582,380	617,370	.....	.....	23,050	69,050	658,120	727,170	
1970	13,360	68,470	81,830	26,830	94,620	455,350	549,970	575,800	.....	.....	24,130	63,320	618,440	681,760	
1971	12,930	89,120	102,050	28,360	85,390	454,900	540,290	568,650	.....	.....	22,660	63,950	629,410	693,360	
1972	11,530	90,350	101,880	26,550	75,380	464,120	539,500	566,050	.....	.....	42,280	80,360	629,850	710,210	
1973	14,220	94,830	109,050	21,410	68,860	440,370	509,230	530,640	.....	.....	33,640	69,270	604,060	673,330	
1974	10,980	89,770	100,750	15,610	62,260	409,160	471,420	487,030	.....	.....	29,740	56,330	561,190	617,520	
1975	5,380	65,360	70,740	20,690	41,420	385,480	426,900	447,590	.....	.....	58,640	84,710	429,260	576,970	
1976	9,550	104,040	113,590	17,420	59,720	405,100	464,820	482,240	15,700	570	16,270	42,670	569,430	612,100	
1977	7,350	120,440	127,790	14,530	50,880	411,730	462,610	477,140	7,540	400	7,940	29,420	583,450	612,870	
1978	4,760	86,110	90,870	9,740	47,590	450,410	498,000	507,740	6,530	570	7,100	21,030	584,680	605,710	
1979	3,270	71,330	74,600	6,740	47,720	473,360	521,080	527,820	7,770	80	7,850	17,780	592,490	610,270	
1980 <sup>5</sup>	.....	.....	.....	6,260	.....	.....	.....	.....	10,810	1,870	12,680	.....	.....	.....	

  

Crop year beginning April	Distribution											
	Exports <sup>1</sup>			Stocks, March 31			Domestic disappearance <sup>2 4</sup>			Reported industrial consumption		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>	<i>Barrels<sup>3</sup></i>
1966	22,140	14,310	36,450	21,610	118,670	140,280	87,070	562,590	649,660	11,980	545,290	557,270
1967	17,980	14,830	32,810	16,260	89,140	105,400	75,900	574,900	650,800	4,070	567,280	571,350
1968	7,370	33,410	40,780	11,010	75,740	86,750	71,020	581,750	652,770	3,830	597,670	601,500
1969	5,510	29,470	34,980	13,360	68,470	81,830	50,180	560,180	610,360	3,340	595,250	598,590
1970	6,130	33,520	39,650	12,930	89,120	102,050	44,260	495,800	540,060	3,130	533,100	536,230
1971	3,530	38,040	41,570	11,530	90,350	101,880	48,890	501,020	549,910	4,500	540,040	544,540
1972	830	88,390	89,220	14,220	94,830	109,050	65,310	446,630	511,940	2,450	465,050	467,500
1973	3,240	34,020	37,260	10,980	89,770	100,750	55,050	480,270	535,320	1,930	441,440	443,370
1974	2,090	14,220	16,310	5,380	65,360	70,740	48,860	481,610	530,470	2,030	437,700	439,730
1975	1,460	2,730	4,190	9,550	104,040	113,590	73,700	385,490	459,190	2,240	421,230	423,470
1976	2,060	18,200	20,260	7,350	120,440	127,790	33,260	430,790	464,050	1,830	478,760	480,590
1977	920	18,520	19,440	4,760	86,110	90,870	23,740	478,820	502,560	1,740	471,540	473,280
1978	600	14,710	15,310	3,270	71,330	74,600	17,160	498,640	515,800	1,630	503,740	505,270
1979	550	12,940	13,490	3,210	70,090	73,300	14,020	509,460	523,480	1,120	503,190	504,310
1980 <sup>5</sup>	520	22,540	23,060	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on page 544.

Table 759.—Rosin: Supply and distribution, United States, 1966–80

Crop year beginning April	Supply													
	Stocks, April 1			Production					Imports <sup>1 2</sup>			Total supply		
	Gum	Wood	Total	Gum	Wood			Total	Gum	Wood	Total	Gum <sup>2</sup>	Wood	Total
					Steam distilled	Tall oil	Total wood							
	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>
1966	861	374	1,235	273	986	699	1,685	1,958	.....	.....	1	1,135	2,058	3,193
1967	835	309	1,144	223	965	680	1,645	1,868	.....	.....	1	1,059	1,954	3,013
1968	694	266	960	171	960	714	1,675	1,845	.....	.....	1	866	1,941	2,806
1969	495	236	731	119	830	793	1,623	1,741	.....	.....	1	614	1,859	2,473
1970	327	124	451	88	768	800	1,568	1,656	.....	.....	(4)	415	1,692	2,107
1971	147	14	261	92	734	805	1,539	1,631	.....	.....	6	245	1,653	1,898
1972	51	133	184	89	700	840	1,540	1,629	.....	.....	24	164	1,673	1,837
1973	15	112	127	74	658	852	1,509	1,584	.....	.....	106	195	1,622	1,817
1974	33	75	108	54	547	705	1,252	1,306	.....	.....	162	250	1,327	1,576
1975	97	186	283	72	358	658	1,016	1,088	.....	.....	21	190	1,202	1,392
1976	60	173	232	61	509	788	1,296	1,357	15	10	25	135	1,480	1,615
1977	36	145	181	51	474	776	1,250	1,301	28	3	31	114	1,399	1,513
1978	21	211	232	35	460	844	1,304	1,339	41	14	55	97	1,528	1,626
1979	20	195	216	24	433	906	1,339	1,363	49	3	52	93	1,538	1,631
1980 <sup>8</sup>	.....	.....	.....	22	.....	.....	.....	.....	33	6	39	.....	.....	.....

  

Crop year beginning April	Distribution											
	Exports <sup>5</sup>			Stocks, March 31			Domestic disappearance <sup>6 7</sup>			Reported industrial consumption <sup>7</sup>		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>
1966	104	554	658	835	309	1,143	196	1,196	1,392	176	1,421	1,597
1967	194	510	704	694	266	960	172	1,178	1,348	154	1,340	1,493
1968	193	451	644	495	236	731	178	1,254	1,431	172	1,430	1,602
1969	115	531	645	327	124	451	172	1,204	1,377	142	1,399	1,541
1970	123	446	569	147	114	261	145	1,132	1,277	121	1,341	1,462
1971	66	389	455	51	133	184	129	1,131	1,258	111	1,318	1,429
1972	71	395	466	15	113	127	78	1,165	1,244	76	1,306	1,382
1973	26	391	418	33	75	108	136	1,156	1,291	100	1,172	1,271
1974	18	251	268	97	186	283	135	890	1,026	111	993	1,103
1975	13	161	174	60	173	232	117	868	985	104	942	1,046
1976	15	265	280	36	145	181	85	1,069	1,154	56	1,147	1,203
1977	14	201	215	21	211	232	79	987	1,066	74	1,000	1,074
1978	18	310	328	20	195	215	59	1,023	1,082	64	1,104	1,168
1979	18	378	396	19	119	138	56	1,041	1,097	41	1,024	1,065
1980 <sup>8</sup>	15	368	383	.....	.....	.....	.....	.....	.....	.....	.....	.....

ROSIN

547

See footnotes on page 545.

## 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 654.

**Table 760.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1966–81**

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	<i>Millions</i>	<i>Millions</i>		<i>Millions</i>	<i>Millions</i>
1966 .....	192.6	193.4	1974 .....	210.7	211.6
1967 .....	194.4	195.3	1975 .....	212.7	213.8
1968 .....	196.4	197.1	1976 .....	215.0	215.9
1969 .....	198.3	199.1	1977 .....	217.0	218.1
1970 .....	200.5	201.9	1978 .....	219.4	220.5
1971 .....	203.5	204.9	1979 .....	221.8	223.0
1972 .....	206.3	207.5	1980 .....	224.4	225.6
1973 .....	208.6	209.6	1981 .....	226.7	227.7

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 761.—Food nutrients: Quantities available for consumption per capita per day, United States, 1966–80<sup>1</sup>**

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B <sub>6</sub>	Vitamin B <sub>12</sub>	Ascorbic acid
	<i>Calories</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>International units</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Micrograms</i>	<i>Milligrams</i>
1966	3,210	97	150	374	0.96	1.52	15.8	340	7,900	1.81	2.27	22.5	1.88	9.2	100
1967	3,240	99	152	374	.95	1.53	16.4	341	7,900	1.91	2.31	23.2	1.91	9.4	105
1968	3,300	100	156	380	.96	1.55	16.7	345	8,200	1.92	2.33	23.6	1.94	9.5	107
1969	3,310	100	156	381	.95	1.54	16.8	343	8,100	1.92	2.31	23.6	1.95	9.7	108
1970	3,340	100	159	382	.94	1.53	16.9	340	8,200	1.92	2.32	24.0	1.97	9.7	111
1971	3,360	101	161	384	.94	1.55	17.0	341	8,200	1.96	2.33	24.1	1.99	9.8	112
1972	3,370	101	162	384	.93	1.54	17.0	342	8,200	1.93	2.30	24.1	1.99	9.6	112
1973	3,340	99	158	387	.93	1.52	16.8	344	8,100	1.90	2.26	23.6	1.94	9.3	114
1974	3,320	100	159	379	.92	1.52	16.9	340	8,200	1.97	2.31	24.2	1.97	9.6	114
1975	3,280	99	155	378	.92	1.51	16.9	340	8,100	1.95	2.33	24.5	1.98	9.4	119
1976	3,420	104	163	391	.95	1.57	17.4	353	8,100	2.09	2.46	26.5	2.03	9.6	117
1977	3,420	104	162	394	.94	1.56	17.4	348	8,000	2.11	2.45	26.4	2.04	9.7	118
1978	3,400	102	160	394	.89	1.51	17.3	338	8,100	2.10	2.35	26.2	1.99	9.3	118
1979	3,500	103	166	405	.90	1.53	17.5	346	8,200	2.18	2.38	26.8	2.04	9.2	120
1980 <sup>2</sup>	3,520	103	168	406	.89	1.53	17.6	343	8,400	2.21	2.39	26.8	2.04	9.5	123

<sup>1</sup>Quantities of nutrients computed by Human Nutrition Information Service, Consumer Nutrition Center, on the basis of estimates of per capita food consumption (retail weight), including estimates of produce of home gardens, prepared by the Economic Research Service. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Civilian consumption. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows:

vitamin A value to margarine, milk of all types, flavored milk extenders; vitamin B<sub>6</sub> to cereals, meal replacements, infant formulas; vitamin B<sub>12</sub> to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, flavored milk extenders and cereals.

<sup>2</sup>Preliminary.

Human Nutrition Information Service.

Table 762.—Food nutrients: Percentage of total contributed by major food groups, 1967 and 1980<sup>1</sup>

Food group and period	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B <sub>6</sub>	Vitamin B <sub>12</sub>	Ascorbic acid
1967	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Meat (including pork fat cuts), poultry, and fish	20.6	40.5	35.9	0.1	3.7	25.9	31.1	12.6	22.8	28.6	22.4	47.1	39.4	68.4	2.1
Eggs	2.3	5.9	3.4	.1	2.6	6.0	6.3	1.4	6.7	2.6	5.8	.2	2.6	9.6	0
Dairy products, excluding butter	11.8	22.6	13.3	7.3	76.0	36.7	2.3	22.5	12.3	9.7	42.8	1.7	11.8	21.2	4.8
Fats and oils, including butter	16.9	.1	40.3	( <sup>2</sup> )	.4	.2	0	.4	8.3	0	0	0	.1	0	0
Citrus fruits	.8	.4	.1	1.7	.9	.7	.8	2.0	1.3	2.5	.5	.8	1.4	0	25.8
Other fruits	2.3	.6	.2	5.0	1.2	1.1	3.8	3.9	6.1	1.9	1.6	1.8	6.6	0	10.6
Potatoes and sweetpotatoes	2.8	2.3	.1	5.3	1.0	3.5	4.2	7.1	5.8	5.0	1.6	6.5	10.7	0	16.1
Dark green and deep yellow vegetables	.2	.4	( <sup>2</sup> )	.5	1.4	.6	1.7	2.0	20.0	.8	1.0	.6	1.9	0	8.5
Other vegetables, including tomatoes	2.5	3.3	.4	4.6	4.7	4.8	9.7	10.3	15.1	6.7	4.5	5.9	10.6	0	30.7
Dry beans and peas, nuts, soya flour, and grits	3.0	5.0	3.6	2.2	2.6	5.7	6.8	11.0	( <sup>2</sup> )	5.4	1.8	6.5	4.9	0	( <sup>2</sup> )
Flour and cereal products	20.1	18.4	1.4	36.5	3.4	12.6	29.6	18.2	.4	36.7	17.3	23.6	9.8	.9	0
Sugar and other sweeteners	16.1	( <sup>2</sup> )	0	36.0	1.1	.2	.7	.2	0	( <sup>2</sup> )	.1	( <sup>2</sup> )	.1	0	( <sup>2</sup> )
Miscellaneous <sup>3</sup>	.8	.4	1.3	.7	1.0	1.9	2.9	8.4	1.2	.1	.8	5.3	.1	0	1.5
Total <sup>4</sup>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980 <sup>5</sup>															
Meat (including pork fat cuts), poultry, and fish	21.0	42.9	36.1	0.1	4.2	28.6	31.1	14.0	23.9	27.9	23.5	45.4	40.7	71.9	2.1
Eggs	1.8	4.9	2.7	.1	2.4	5.2	5.1	1.2	5.5	1.9	4.9	1	2.1	8.2	0
Dairy products, excluding butter	9.9	20.2	11.2	5.7	71.6	32.6	2.4	19.8	12.2	7.2	36.3	1.2	10.7	18.4	3.2
Fats and oils, including butter	18.2	.1	43.0	( <sup>2</sup> )	.4	.2	0	.4	7.8	0	0	0	( <sup>2</sup> )	0	0
Citrus fruits	1.0	.6	.1	2.1	1.1	.9	.9	2.6	1.7	2.9	.6	.9	1.5	0	29.3
Other fruits	2.3	.7	.3	5.0	1.4	1.3	3.9	4.5	5.9	1.8	1.7	1.7	7.1	0	11.8
Potatoes and sweetpotatoes	2.7	2.3	.1	5.1	1.0	3.6	4.4	7.1	5.0	4.5	1.4	5.9	9.5	0	13.5
Dark green and deep yellow vegetables	.2	.4	( <sup>2</sup> )	.4	1.5	.6	1.6	2.0	18.5	.7	1.0	.5	1.9	0	9.0
Other vegetables, including tomatoes	2.5	3.3	.4	4.7	5.2	5.1	9.9	10.7	16.7	6.2	4.7	5.7	10.7	0	27.8
Dry beans and peas, nuts, soya flour, and grits	3.0	5.5	3.7	2.1	3.1	6.4	6.8	12.3	( <sup>2</sup> )	5.0	1.9	6.8	5.0	0	( <sup>2</sup> )
Flour and cereal products	19.9	18.8	1.3	36.2	3.8	13.4	31.0	19.1	.4	41.7	23.3	28.4	10.6	1.6	0
Sugar and other sweeteners	17.0	( <sup>2</sup> )	0	38.1	3.3	.7	.6	.2	0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0	( <sup>2</sup> )
Miscellaneous <sup>3</sup>	.6	.3	1.0	.5	.8	1.5	2.1	6.4	2.2	.1	.6	3.3	.1	0	3.3
Total <sup>4</sup>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Percentages for food groups are based on nutrient data included in totals in table 761.<sup>2</sup> Less than 0.05 percent.<sup>3</sup> Coffee and chocolate liquor equivalent of cocoa beans and fortification of products not assigned to a specific food group.<sup>4</sup> Components may not add to total due to rounding.<sup>5</sup> Preliminary.

Human Nutrition Information Service.

**Table 763.—Food consumption: Index of per capita consumption, by major food groups, United States, 1965-79<sup>1</sup>**  
[1967=100]

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>2</sup>	Poultry	Fish	Total			Excluding butter	Including butter		
								Animal	Vegetable	Total
1966	96.0	96.5	102.6	96.5	97.3	102.2	100.9	97.7	103.6	101.1
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.3	99.1	103.5	102.0	98.3	101.1	103.7	103.0	103.6	103.3
1969	101.8	103.5	104.9	102.2	96.8	100.6	105.5	92.6	112.8	104.2
1970	103.8	107.3	110.6	104.6	96.3	99.5	107.9	87.6	118.8	105.5
1971	106.5	107.8	107.8	106.8	96.8	99.8	106.4	89.8	114.4	103.9
1972	104.5	112.6	117.5	106.3	94.3	100.3	109.9	83.7	122.9	106.1
1973	96.9	108.6	120.1	99.6	90.2	100.2	110.8	75.0	130.0	106.5
1974	103.5	110.0	113.7	104.9	88.5	98.1	108.8	73.9	125.7	103.6
1975	99.9	107.9	114.6	101.7	86.2	99.2	108.0	66.6	131.2	103.6
1976	106.2	115.0	119.8	108.0	84.3	100.0	114.2	62.7	141.2	107.7
1977	105.3	118.0	118.6	107.6	83.5	99.2	110.1	64.5	133.9	104.3
1978	101.2	123.6	125.2	105.2	85.0	99.6	113.8	64.7	139.7	107.7
1979	98.3	134.0	121.5	103.9	86.7	99.0	116.6	69.0	141.1	110.3
1980	99.4	134.3	118.3	104.7	85.0	96.0	117.1	68.2	141.9	110.4

  

Year	Fruits			Melons <sup>3</sup>	Fresh <sup>3</sup>	Vegetables			Total <sup>4</sup>
	Fresh	Processed	Total			Canned	Frozen	Total	
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	99.1	98.2	98.7	103.2	102.1	103.3	106.2	103.9	102.7
1969	99.9	102.4	101.1	105.0	100.1	105.8	100.7	104.8	101.9
1970	100.7	104.1	102.0	104.5	100.7	104.7	106.3	105.0	102.3
1971	99.3	105.9	102.2	101.8	98.4	105.0	106.7	105.3	101.0
1972	94.0	105.1	98.9	100.8	99.6	106.9	109.3	107.4	102.5
1973	92.7	107.0	99.0	97.4	100.1	110.6	117.1	111.9	104.4
1974	97.1	100.8	98.7	87.2	101.0	109.8	111.2	110.1	104.3
1975	104.3	110.5	107.0	87.3	100.4	108.3	101.5	106.9	102.8
1976	105.7	111.9	108.4	90.0	101.4	108.6	108.9	108.7	104.1
1977	103.7	108.9	106.0	92.0	103.4	108.6	109.1	108.7	105.4
1978	101.8	103.9	102.7	102.1	104.7	105.4	114.8	107.3	105.7
1979	105.3	105.7	105.5	97.5	106.5	107.0	119.7	109.5	107.6
1980	109.5	108.1	108.9	87.8	108.2	99.3	111.3	101.7	105.8

  

Year	Potatoes and sweet-potatoes <sup>3</sup>	Beans, peas, nuts, soya products <sup>3</sup>	Flour and cereal products <sup>4</sup>	Sugars and other sweeteners <sup>5</sup>	Coffee, tea, cocoa	All foods		
						Animal products	Crop products	Total
1966	106.0	96.9	99.2	98.4	100.0	98.0	99.3	98.6
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	105.9	101.2	100.2	101.6	101.0	101.5	101.4	101.5
1969	107.1	100.4	100.6	104.0	96.6	101.0	102.5	101.7
1970	107.7	97.4	97.8	106.2	93.9	102.0	102.7	102.3
1971	107.4	99.9	97.5	108.0	93.2	103.6	102.4	103.0
1972	108.0	103.7	97.3	109.0	99.3	103.1	103.5	103.3
1973	106.2	104.1	99.4	110.1	97.7	98.2	104.8	101.3
1974	102.9	103.7	98.2	107.1	94.3	100.9	102.7	101.7
1975	107.5	104.8	100.3	104.0	88.5	98.6	103.7	101.0
1976	106.3	102.1	103.8	110.6	93.2	102.6	106.9	104.6
1977	112.0	99.5	100.7	114.1	75.5	102.1	105.4	103.7
1978	114.7	103.0	99.6	114.9	81.3	100.8	106.1	103.3
1979	116.9	104.4	103.4	116.6	84.3	100.1	108.4	104.1
1980	112.0	99.5	102.9	113.4	80.1	99.7	107.1	103.2

<sup>1</sup>Quantities of individual foods on a retail-weight basis are combined into indexes using 1967-69 average prices.  
<sup>2</sup>Includes edible offals. <sup>3</sup>Data for melons, fresh vegetables, potatoes and sweetpotatoes, and dry beans and peas include consumption from home garden products. <sup>4</sup>Corn sugar and sirup are with sugars and other sweeteners.  
<sup>5</sup>Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk.

Table 764.—All Foods: Per capita consumption, retail-weight equivalent, by major food groups, United States, 1966–80<sup>1</sup>

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>2</sup>	Poultry	Fish <sup>3</sup>	Total			Excluding butter	Including butter <sup>4</sup>		
								Animal	Vegetable	Total
	<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>
1966	151.6	43.8	14.4	209.8	39.6	350	47.2	16.8	36.1	52.9
1967	158.7	45.3	14.2	218.2	40.7	341	46.8	17.0	35.3	52.3
1968	162.3	45.0	14.8	222.1	40.0	341	48.4	17.8	36.3	54.1
1969	161.5	47.0	15.1	223.6	39.4	338	49.3	15.9	38.8	54.7
1970	164.7	48.8	15.8	229.3	39.2	335	50.4	15.3	40.4	55.7
1971	169.9	49.0	15.6	234.5	39.2	333	49.8	15.6	39.3	54.9
1972	165.9	51.1	16.6	233.6	39.4	334	51.5	14.5	41.9	56.4
1973	153.8	49.3	17.0	220.1	36.7	329	51.8	12.7	43.9	56.6
1974	164.3	49.9	16.3	230.5	36.0	318	51.0	13.0	42.5	55.5
1975	156.4	49.0	16.4	221.8	35.1	324	50.7	11.5	43.9	55.4
1976	166.2	52.2	17.2	235.6	34.3	322	53.7	10.7	47.3	58.0
1977	165.4	53.6	16.8	235.8	34.0	318	51.8	11.2	47.3	56.1
1978	159.5	56.2	17.5	233.2	34.6	314	53.3	11.5	46.2	57.7
1979	157.1	60.9	17.1	235.1	35.3	312	54.5	12.0	47.0	59.0
1980	159.7	60.9	16.8	237.4	34.6	308	54.7	12.0	47.1	59.1

  

Year	Fruits			Melons <sup>5</sup>	Vegetables				
	Fresh	Processed	Total		Fresh <sup>5</sup>	Processed			Total <sup>5</sup>
						Canned	Frozen	Total	
	<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>
1966	79.2	49.5	128.7	24.0	138.4	47.3	8.8	56.1	194.5
1967	79.5	52.2	131.7	24.3	140.7	49.0	9.0	58.0	198.7
1968	76.3	51.2	127.5	24.9	143.6	50.5	9.6	60.1	203.7
1969	77.0	55.6	132.6	24.8	141.1	51.6	9.1	60.7	201.8
1970	78.6	55.5	134.1	25.1	141.4	51.1	9.6	60.7	202.1
1971	77.8	55.8	133.6	24.5	138.1	51.2	9.7	60.9	199.0
1972	74.6	55.1	129.7	23.8	139.1	52.2	9.9	62.1	201.2
1973	73.5	56.3	129.8	23.6	139.8	54.0	10.6	64.6	204.4
1974	76.0	52.5	128.5	21.0	141.6	52.9	10.1	63.0	204.6
1975	80.4	56.8	137.2	21.2	140.3	51.9	9.6	61.5	201.8
1976	82.5	56.1	138.6	22.3	141.4	53.0	9.8	62.8	204.2
1977	79.3	55.4	134.7	22.1	143.4	53.1	10.2	63.3	206.7
1978	79.6	55.6	135.2	23.8	145.3	51.9	10.7	62.6	207.9
1979	80.3	56.1	136.4	22.8	147.5	52.3	11.2	63.5	211.0
1980	84.0	56.4	140.4	20.9	149.9	49.8	10.4	60.2	210.1

  

Year	Potatoes and sweet-potatoes <sup>6</sup>	Beans, peas, nuts, soya products <sup>7</sup>	Flour and cereal products <sup>8</sup>	Sugars and other sweeteners <sup>9</sup>	Coffee, tea, cocoa	All foods		
						Animal products	Crop products <sup>10</sup>	Total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1966	92.2	15.9	143	112.6	15.1	616	766	1,383
1967	82.3	16.6	145	114.6	15.2	617	768	1,385
1968	87.5	16.4	145	116.6	15.3	621	778	1,399
1969	85.1	16.7	147	119.4	14.5	617	785	1,402
1970	83.2	15.8	142	121.4	14.2	619	783	1,402
1971	82.1	16.0	142	123.8	13.8	622	779	1,401
1972	82.7	16.6	141	124.9	14.7	620	781	1,402
1973	78.2	17.9	144	125.7	14.2	598	786	1,385
1974	75.2	17.7	143	123.7	13.4	598	774	1,372
1975	81.4	17.7	146	119.1	12.6	592	786	1,378
1976	77.3	17.2	150	127.2	13.2	603	803	1,406
1977	82.0	16.8	147	130.6	10.3	599	800	1,399
1978	80.2	17.2	145	131.0	11.4	593	803	1,396
1979	82.1	17.7	150	133.4	11.8	594	817	1,411
1980	81.0	17.2	150	133.4	11.2	592	816	1,408

See footnotes on page 554.



**Table 765. — Food plans: Food cost at home, at four cost levels, for families and individuals in the United States and for families by region, for one week, January 1981<sup>1</sup>**

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan
<b>FAMILIES</b>				
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>United States:</b>				
<b>Family of 2:<sup>2</sup></b>				
20-54 years .....	32.30	41.80	52.40	62.70
55 years and over .....	29.00	37.30	46.10	55.00
<b>Family of 4:</b>				
Children, 1-2 and 3-5 years .....	45.80	58.60	73.00	87.30
Children, 6-8 and 9-11 years .....	55.30	70.80	88.80	106.10
<b>INDIVIDUALS<sup>3</sup></b>				
<b>United States:</b>				
<b>Child:</b>				
7 months to 1 year .....	6.60	7.90	9.70	11.40
1-2 years .....	7.40	9.40	11.50	13.70
3-5 years .....	9.00	11.20	13.90	16.60
6-8 years .....	11.50	14.60	18.30	21.80
9-11 years .....	14.40	18.20	22.90	27.30
<b>Male:</b>				
12-14 years .....	15.40	19.40	24.30	29.00
15-19 years .....	16.90	21.40	26.80	32.10
20-54 years .....	16.20	21.00	26.50	31.80
55 years and over .....	14.40	18.60	23.00	27.60
<b>Female:</b>				
12-19 years .....	13.60	17.30	21.40	25.50
20-54 years .....	13.20	17.00	21.10	25.20
55 years and over .....	12.00	15.30	18.90	22.40
Pregnant .....	16.60	21.00	25.80	30.60
Nursing .....	17.60	22.30	27.70	32.90
<b>FAMILIES</b>				
<b>Northeast:</b>				
<b>Family of 2:<sup>2</sup></b>				
20-54 years .....		43.90	56.30	67.90
55 years and over .....		38.80	49.30	59.40
<b>Family of 4:</b>				
Children, 1-2 and 3-5 years .....		61.30	78.20	94.30
Children, 6-8 and 9-11 years .....		74.20	95.10	114.60
<b>North Central:</b>				
<b>Family of 2:<sup>2</sup></b>				
20-54 years .....		43.00	53.00	64.00
55 years and over .....		38.40	46.60	56.20
<b>Family of 4:</b>				
Children, 1-2 and 3-5 years .....		60.50	74.20	89.40
Children, 6-8 and 9-11 years .....		73.30	90.30	108.90
<b>South:</b>				
<b>Family of 2:<sup>2</sup></b>				
20-54 years .....		42.10	52.40	62.50
55 years and over .....		37.30	45.80	54.40
<b>Family of 4:</b>				
Children, 1-2 and 3-5 years .....		58.90	72.80	86.80
Children, 6-8 and 9-11 years .....		71.20	88.60	105.70
<b>West:</b>				
<b>Family of 2:<sup>2</sup></b>				
20-54 years .....		42.50	53.20	64.30
55 years and over .....		37.80	46.70	56.30
<b>Family of 4:</b>				
Children, 1-2 and 3-5 years .....		59.80	74.40	90.20
Children, 6-8 and 9-11 years .....		72.50	90.60	109.80

<sup>1</sup> Estimated from quantities in the thrifty food plan shown in *Agricultural Statistics, 1976*, table 763 and in the other three food plans shown in *Agricultural Statistics, 1975*, table 764. The costs of the food plans were first estimated by using the average price per pound of each food group paid by urban survey families at four selected food cost levels in 1965-66. These prices were adjusted to current levels by using food price information released periodically by the Bureau of Labor Statistics.

<sup>2</sup> Ten percent added for family size adjustment. (See footnote 3.)

<sup>3</sup> The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person—add 20 percent; 2-person—add 10 percent; 3-person—add 5 percent; 5-or 6-person—subtract 5 percent; 7-or-more-person—subtract 10 percent.

Human Nutrition Information Service.

**Table 766.—Food and Nutrition Service programs: Quantity and cost of Federal assistance to School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, fiscal years 1966–80**

Year ending June 30 <sup>1</sup>	School feeding					Special milk		Institutions and needy persons (food distributed) <sup>6</sup>	
	Cash payments			Food distributed <sup>5</sup>		Quantity	Cash pay- ments <sup>6</sup>	Quantity	Cost
	Lunch <sup>2</sup>	Break- fast <sup>3</sup>	Equipment assit- ance <sup>4</sup>	Quantity	Cost				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 pounds	1,000 dollars	1,000 1/2 pints	1,000 dollars	1,000 pounds	1,000 dollars
1966	141,090			788,037	174,856	3,059,125	96,523	1,000,074	151,029
1967	149,685	566	710	833,380	188,358	3,027,203	99,170	848,572	116,209
1968	159,754	1,985	741	1,026,555	275,977	3,035,687	101,752	871,326	147,263
1969	203,796	5,402	10,396	1,041,995	272,089	2,944,423	101,281	1,200,266	250,353
1970	300,258	10,786	16,705	1,073,205	265,839	2,901,931	101,164	1,330,381	311,876
1971	532,191	19,383	36,404	1,108,657	279,184	2,569,975	91,082	1,465,652	345,704
1972	738,764	24,934	16,646	1,185,657	314,763	2,498,215	90,286	1,363,031	337,537
1973	879,928	34,411	15,284	980,080	7 331,013	2,533,810	90,534	1,109,563	282,085
1974	1,082,731	58,897	27,191	960,862	319,218	1,425,923	49,158	708,103	229,288
1975	1,288,182	86,090	25,430	763,956	8 423,451	2,152,775	123,726	201,275	75,996
1976	1,493,608	113,169	26,078	853,252	9 429,590	2,305,143	144,080	10 131,121	10 53,518
1977 <sup>11</sup>	(192,642)	(16,963)	(6,429)	(143,610)	12 53,435	(313,429)	(20,592)	10 (30,628)	13 (12,189)
1977 <sup>11</sup>	1,673,962	147,799	26,602	1,101,384	15 556,840	2,247,415	153,545	10 150,338	10 16 62,036
1978 <sup>11</sup>	1,825,035	177,717	25,953	1,105,134	17 623,965	1,985,545	141,903	10 156,076	10 18 93,275
1979 <sup>11</sup>	2,009,711	224,100	24,026	( <sup>19</sup> )	20 703,109	1,856,715	141,135	( <sup>19</sup> )	10 21 138,635
1980 <sup>11</sup>	2,292,496	280,643	19,500	( <sup>19</sup> )	22 956,848	1,851,695	153,895	( <sup>19</sup> )	23 181,039

<sup>1</sup> Data for fiscal years July 1–June 30 for 1965–76; Oct. 1–Sept 30 beginning 1977.

<sup>2</sup> Schools are reimbursed on the basis of the type of meal served (Free, Reduced price or paid) at rates set by law. Program started Feb. 1943.

<sup>3</sup> A subsidy program to schools started in January 1967.

<sup>4</sup> A subsidy program which aids in the purchase of school lunch equipment. The program started in fiscal year 1967.

<sup>5</sup> Distribution, without charge to recipients, of food commodities acquired by the Government. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible are school lunch programs, school breakfast programs and child care centers. Includes distribution to charitable institutions, needy families, NPE, and Commodity Supplemental Food Program.

<sup>6</sup> A subsidy program to expand consumption of milk by children.

<sup>7</sup> Includes \$70,809,000 cash in lieu of commodities.

<sup>8</sup> Includes \$5,175,000 cash in lieu of commodities.

<sup>9</sup> Includes \$49,562,000 cash in lieu of commodities.

<sup>10</sup> Includes Nutrition Program for the Elderly.

<sup>11</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>12</sup> Includes \$2,533,000 cash in lieu of commodities.

<sup>13</sup> Includes \$48,688 cash in lieu of commodities to the Nutrition Program for the Elderly (NPE).

<sup>14</sup> Preliminary.

<sup>15</sup> Includes \$53,802,000 cash in lieu of commodities.

<sup>16</sup> Includes \$405,823 cash in lieu of commodities to NPE.

<sup>17</sup> Includes \$95,541,743 cash in lieu of commodities.

<sup>18</sup> Includes \$22,008,000 cash in lieu of commodities to NPE.

<sup>19</sup> Not available.

<sup>20</sup> Includes \$22,830,000 cash in lieu of commodities.

<sup>21</sup> Includes \$34,459,091 cash in lieu of commodities to NPE.

<sup>22</sup> Includes \$29,636,000 cash in lieu of commodities.

<sup>23</sup> Includes \$48,331,000 cash in lieu of commodities to NPE.

Food and Nutrition Service.

#### FOOTNOTES FOR TABLE 764

<sup>1</sup> Quantity data used in computing per capita food consumption indices table 763. Final consumer products that are derived from a combination of primary food groups, such as bakery products, are measured and reported in the form of their primary ingredients, such as flour, shortening, and eggs.

<sup>2</sup> Includes game and edible offals.

<sup>3</sup> Includes game fish.

<sup>4</sup> Includes product weight of butter and margarine in other items in terms of fat content.

<sup>5</sup> Includes consumption of home garden produce.

<sup>6</sup> Data not comparable to pre-1960 figures. Data have been revised to reflect conversion from processed weight to fresh weight equivalent for dehydrated potatoes, frozen potatoes, chips and shoestrings.

<sup>7</sup> Soy products are approximated.

<sup>8</sup> Corn sugar and sirups are with sugars and other sweeteners.

<sup>9</sup> Excludes sugar used in production of canned and frozen fruits, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk.

<sup>10</sup> Includes spices and herbs and estimates of fruits and vegetables used in soups and baby foods.

**Table 767.—Food and Nutrition Service programs: Quantity and cost for commodity distribution programs, by food groups, fiscal year 1980<sup>1</sup>**

Program and food	School Feeding Programs		Institutions and needy persons		Total	
	Quantity	Cost <sup>2</sup>	Quantity	Cost <sup>3</sup>	Quantity	Cost
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
Beef products	58,530	80,215	1,915	2,627	60,445	82,842
Dairy products	215,913	279,542	58,608	58,461	274,521	338,003
Fats and oils	71,241	31,767	17,868	7,741	89,109	39,508
Canned and processed fruits and juices and processed vegetables	385,570	118,364	42,253	11,713	427,823	130,077
and juices	383,721	98,023	83,615	11,790	467,336	109,813
Poultry products	194,243	148,391	20,714	15,433	214,957	163,824
Pork products	88,201	110,973	6,505	8,620	94,706	119,593
Corn products	11,419	1,387	6,878	1,228	18,297	2,615
Oats, rolled	6,588	1,071	4,269	703	10,857	1,774
Rice products	23,963	5,136	13,419	3,334	37,382	8,470
Wheat products	256,932	33,909	65,922	9,846	322,854	43,755
Peanut and peanut products	31,642	18,435	9,019	5,704	40,661	24,139
Total	1,727,963	927,213	330,985	137,200	2,058,948	1,064,413

<sup>1</sup> Preliminary. Data represents cost of commodities purchased. Previous years data was value of commodities distributed.

<sup>2</sup> Excludes \$30,245,000 cash in lieu of commodities.

<sup>3</sup> Excludes \$43,331,000 cash in lieu of commodities.

Food and Nutrition Service.

**Table 768.—Food Stamp Program: Participation and value of coupons issued, 1966–80**

Year ending June 30 <sup>1</sup>	Number of participating areas	Average monthly participation	Value of coupons issued		
			Total	Paid for by participants	Federal subsidy
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966	324	864,344	174,232	109,419	64,813
1967	838	1,447,097	296,106	190,556	105,550
1968	1,027	2,209,964	451,801	278,659	173,142
1969	1,489	2,878,113	603,351	374,532	228,819
1970	1,747	4,346,030	1,089,961	540,297	549,664
1971	2,027	9,367,908	2,713,273	1,190,524	1,522,749
1972	2,126	11,109,074	3,308,648	1,511,362	1,797,286
1973	2,228	12,165,682	3,883,952	1,752,547	2,131,405
1974	2,818	12,861,526	4,727,451	2,009,155	2,718,296
1975	( <sup>4</sup> )	17,064,196	7,265,642	2,880,141	4,385,501
1976	( <sup>4</sup> )	18,548,715	8,700,209	3,373,704	5,326,505
( <sup>2</sup> )	( <sup>4</sup> )	(17,257,140)	(2,087,116)	(819,067)	(1,268,049)
1977 <sup>1,3</sup>	( <sup>4</sup> )	17,057,598	8,339,805	3,282,081	5,057,724
1978 <sup>1,3</sup>	( <sup>4</sup> )	16,043,861	8,310,918	3,145,710	5,165,209
1979 <sup>1,3,5</sup>	( <sup>4</sup> )	17,669,985	7,223,376	<sup>5</sup> 745,310	6,478,066
1980	( <sup>4</sup> )	21,071,128	8,694,105	( <sup>5</sup> )	8,694,105

<sup>1</sup> Data for fiscal years July 1–June 30 for 1965–76; Oct. 1–Sept. 30 beginning 1977.

<sup>2</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>3</sup> Preliminary.

<sup>4</sup> Nationwide with exception of some Indian Reservations.

<sup>5</sup> Recipient payments phased out, effective Jan. 1, 1979; equivalent benefit levels maintained, without requiring cash outlay by recipient.

Food and Nutrition Service.

**Table 769.—Food and Nutrition Service programs: Cash payments under Special Milk, National School Lunch, Breakfast, Equipment Assistance, and Food Stamp Programs and value of food distributed, by States and Territories, fiscal year 1980**

State or Territory	Child feeding programs (Cash payments only) <sup>1</sup>						Commodity distribution <sup>1,2</sup>	Food Stamp Program <sup>1</sup>	Total <sup>3</sup>
	Child Care Food	Summer Feeding	Special Milk	National School Lunch	Breakfast	Equipment Assistance <sup>1</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	
Ala	7,934	6,332	2,945	60,573	8,031	394	245,849	331,458	
Alaska	783	15	160	4,010	271	43	21,591	26,873	
Ariz	2,092	583	746	22,852	2,771	196	94,350	123,590	
Ark	2,055	304	1,259	30,130	3,495	151	121,472	158,866	
Calif	14,315	8,069	12,035	199,312	33,027	1,959	527,802	796,519	
Colo	4,372	788	1,456	21,525	1,637	197	70,916	100,891	
Conn	2,290	1,286	3,170	23,374	687	248	58,983	90,038	
Del	1,354	604	400	5,260	764	77	21,428	29,887	
D.C.	1,486	329	150	8,855	1,582	31	40,057	52,490	
Fla	9,672	5,832	2,075	99,423	12,505	882	420,003	550,392	
Ga	6,237	3,501	3,990	80,076	10,367	532	263,944	368,647	
Hawaii	926	382	175	9,233	1,298	101	59,811	71,916	
Idaho	368	81	185	7,412	150	77	27,810	36,083	
Ill	5,859	4,939	10,036	90,662	8,320	1,053	394,205	515,074	
Ind	3,521	1,956	4,493	38,115	2,257	404	154,307	205,053	
Iowa	1,805	181	2,000	23,805	893	243	53,270	82,197	
Kans	1,824	155	1,515	18,935	688	173	37,781	61,071	
Ky	2,539	1,284	4,286	47,416	10,014	319	211,551	277,409	
La	3,226	2,796	561	67,425	9,317	447	243,238	327,010	
Maine	745	264	1,119	13,360	966	85	59,218	75,757	
Md	3,799	2,076	3,213	35,293	3,790	280	139,488	187,939	
Mass	8,433	3,191	6,005	50,760	4,343	469	171,270	245,073	
Mich	10,307	2,573	9,070	67,334	4,343	715	262,761	357,103	
Minn	4,971	731	3,510	31,843	1,227	326	61,946	104,554	
Miss	8,356	2,249	1,610	49,586	6,173	268	198,240	266,482	
Mo	3,742	1,034	3,958	45,199	3,697	343	141,611	199,584	
Mont	1,067	149	481	6,228	568	77	18,289	26,859	
Nebr	870	190	1,272	12,134	460	139	24,941	40,006	
Nev	463	147	84	4,988	911	40	15,295	21,928	
N.H.	734	129	1,425	7,577	374	55	21,436	31,730	
N.J.	7,672	6,925	5,550	63,145	5,249	498	227,506	316,545	
N.Mex	2,282	441	997	19,293	2,364	115	80,600	106,062	
N.Y.	23,354	22,280	17,609	186,701	23,880	2,048	725,022	1,000,894	
N.C.	5,404	2,934	4,590	89,631	17,964	594	234,088	355,205	
N.Dak	841	142	446	5,417	264	48	9,177	16,335	
Ohio	5,546	1,419	9,325	82,644	9,936	724	380,594	489,648	
Okla	3,123	815	1,095	29,488	2,992	194	72,924	110,631	
Oreg	2,391	311	1,235	17,747	918	221	80,020	102,843	
Pa	9,171	13,197	5,320	94,055	4,822	859	371,891	499,315	
R.I.	1,103	802	925	7,258	611	62	30,335	41,096	
S.C.	3,571	4,321	846	50,431	6,966	241	181,186	247,562	
S.Dak	978	282	520	7,548	811	47	17,675	27,861	
Tenn	4,445	1,404	3,490	54,912	6,144	297	278,695	349,387	
Tex	13,233	5,403	5,443	164,123	36,428	1,748	514,406	740,784	
Utah	566	200	319	14,320	654	114	21,631	37,804	
Vt	661	100	833	4,618	171	48	17,523	23,954	
Va	2,388	1,291	2,596	53,456	5,221	653	157,582	223,187	
Wash	7,048	475	1,972	25,727	2,138	219	90,139	127,718	
W.Va	1,406	557	929	22,979	3,819	168	86,672	116,530	
Wis	3,059	734	6,712	31,617	1,086	452	68,074	111,734	
Wyo	704	18	90	2,755	67	29	6,844	10,507	
U.S.	215,091	116,201	153,596	2,210,560	267,483	19,703	7,835,447	10,818,081	
Guam		15		1,926	549	11	14,581	17,082	
P.R.		4,183	270	71,181	10,810	251	825,126	911,821	
Samoa,									
American		15		939	433	6		1,393	
Trust									
Territories	376			5,085	1,165	13		6,639	
V.I.	287	132	10	2,571	53	16	18,951	22,020	
N. Marianas		32		387	152			571	
Total	215,754	120,578	153,876	2,292,649	280,645	20,000	8,137,887	12,915,433	

<sup>1</sup> Preliminary.<sup>2</sup> Total cost to the Government, and includes commodity cost plus reprocessing, packaging, transportation costs, and miscellaneous handling charges for all FNS programs, except the Special Supplemental Food Program (WIC), which utilize or distribute commodities.<sup>3</sup> State totals do not include cost of commodities received. Data currently not available.<sup>4</sup> Does not include the Commonwealth of the N. Marianas.<sup>5</sup> Includes \$582 thousand donated to Department of Defense to schools for dependents of military and civilians stationed overseas.<sup>6</sup> Includes \$1,137,887 thousand commodity donation not included in State totals.

**Table 770.— Food and Nutrition Service programs: Persons participating, fiscal years 1966–80<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Children in school lunch program receiving benefits through —		
	Cash payments <sup>3</sup>		Food distribution <sup>4</sup> (peak month)
	Average monthly	Peak month	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1966	14,981	19,781	21,394
1967	15,296	20,237	21,882
1968	15,572	20,614	21,104
1969	16,667	22,079	24,056
1970	17,539	23,127	25,479
1971	19,062	24,640	24,906
1972	19,380	24,941	25,142
1973	19,534	25,075	25,151
1974	24,493	24,988	25,143
1975	25,004	25,257	25,422
1976	25,594	26,055	26,174
( <sup>5</sup> )	(25,104)	(25,104)	(25,166)
1977 <sup>2</sup>	26,284	27,020	27,072
1978 <sup>6</sup>	26,702	27,098	27,159
1979 <sup>6</sup>	27,050	27,420	27,476
1980 <sup>6</sup>	26,706	27,190	27,223

<sup>1</sup>"Peak month" is the month of the year when the largest number of persons participated in the program; "Average monthly" is the average for the 9 months of the school year contained in that fiscal year.

<sup>2</sup>Data for fiscal years July 1–June 30 for 1966–76; Oct. 1–Sept. 30 beginning 1977.

<sup>3</sup>See footnote 2, table 766.

<sup>4</sup>Participation for NSLP schools plus commodity only schools.

<sup>5</sup>Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>6</sup>Preliminary.

Food and Nutrition Service.

**Table 771.— Consumers' prices: Index number of prices paid for goods and service, United States, 1966–80<sup>1</sup>**

[1967=100]

Year	Food	Nonfood items						All items	
		Apparel and upkeep	Housing		Transportation	Medical care	Personal care		Other goods and services
			Total	Rent					
1966	99.1	96.1	97.2	98.2	97.2	93.4	97.1	97.2	
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1968	103.6	105.4	104.0	102.4	103.2	106.1	104.2	104.2	
1969	108.9	111.5	110.4	105.7	107.2	113.4	109.3	109.8	
1970	114.9	116.1	118.2	110.1	112.7	120.6	113.2	116.8	
1971	118.4	119.8	123.4	115.2	118.6	128.4	116.8	122.4	
1972	123.5	122.3	128.1	119.2	119.9	132.5	119.8	127.5	
1973	141.4	126.8	133.7	124.3	123.8	137.7	125.2	132.5	
1974	161.7	136.2	148.8	130.6	137.7	150.5	137.3	142.0	
1975	175.4	142.3	164.5	137.3	150.6	168.6	150.7	153.9	
1976	180.8	147.6	174.6	144.7	165.5	184.7	160.5	162.7	
1977	192.2	154.2	186.5	153.5	177.2	202.4	170.9	172.2	
1978	211.4	159.6	202.8	164.0	185.5	219.4	182.0	183.3	
1979	234.5	166.6	227.6	176.0	212.0	239.7	195.8	196.7	
1980	254.6	178.4	263.3	191.6	249.7	265.9	213.1	214.5	

<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.

Economic Research Service. Compiled from data of the U.S. Department of Labor.

## CHAPTER XIV

# 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; commodity futures statistics; and statistics on crops in Alaska.

### Foreign Agricultural Trade Statistics

U.S. foreign agricultural trade statistics are based on documents filed by exporters and compiled by the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as raw hides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such by U.S. Customs authorities.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in nonagricultural and overall export totals. The agricultural export statistics include shipments under Public Law 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

The export value, the value at the port of exportation, is based on the selling price (or cost if not sold) 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 to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Since substantial amounts of agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belgium, exports to those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments valued \$251-\$999 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to "unidentified countries."

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. Low-valued shipments under \$251 are reflected in nonagricultural and overall import totals.

**Table 772.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1966–80**

Year ending Sept. 30 <sup>1</sup>	Total domestic exports	Agricultural exports <sup>2</sup>			Total imports for consumption	Agricultural imports (for consumption)					Excess of domestic agricultural exports over supplementary imports
		Domestic	Percentage (domestic) of total exports	Foreign (re-exports)		Total	Supplementary <sup>3</sup>	Complementary <sup>3</sup>	Supplementary		
									Percentage of total agricultural exports	Percentage of total agricultural imports	
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Percent</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million dollars</i>
1966	28,886	6,676	23	23,295	4,454	2,472	1,982	37	56	4,204	
1967	30,819	6,771	22	26,427	4,453	2,667	1,786	39	60	4,104	
1968	32,195	6,311	20	29,613	4,656	2,845	1,811	45	61	3,466	
1969	35,221	5,741	16	34,175	4,931	3,072	1,859	54	62	2,669	
1970	41,059	6,721	16	38,219	5,592	3,451	2,141	51	62	3,270	
1971	43,663	7,758	18	42,724	5,828	3,684	2,144	47	63	4,074	
1972	44,848	8,047	18	50,056	6,048	3,957	2,092	49	65	4,090	
1973	57,815	12,902	22	61,389	7,324	4,707	2,617	36	64	8,195	
1974	84,924	21,293	25	82,503	9,549	6,272	3,277	29	66	15,021	
1975	102,858	21,578	21	101,060	9,579	6,821	2,758	32	71	14,757	
1976	109,389	22,147	20	105,883	10,107	6,289	3,818	28	62	15,858	
( <sup>4</sup> )	(27,313)	(5,356)	(20)	(31,686)	(2,804)	(1,597)	(1,207)	(30)	(43)	(3,759)	
1977	119,052	23,974	20	142,418	13,357	6,548	6,809	27	49	17,426	
1978	131,487	27,289	21	166,008	13,886	7,314	6,572	27	53	19,975	
1979	167,488	31,979	19	193,610	16,186	9,075	7,110	28	56	22,904	
1980 <sup>5</sup>	210,045	40,481	19	236,516	17,276	9,924	7,351	25	57	30,557	

<sup>1</sup> Fiscal years July 1–June 30 for 1966–76; Oct. 1–Sept. 30 for 1977–1980.

<sup>2</sup> Includes food exported for relief or charity by individuals and private agencies.

<sup>3</sup> Supplementary 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. Complementary 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> Transition quarter July 1, 1976 to September 30, 1976.

<sup>5</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 773.—Agricultural exports: Quantity indexes, United States, fiscal years 1966–79**  
[Calendar year 1967= 100]

Year ending Sept. 30 <sup>1</sup>	Total agricultural exports <sup>2</sup>	Animals and animal products	Meat and meat products <sup>3</sup>	Animal fats <sup>3</sup>	Dairy products <sup>3</sup>	Poultry and poultry products <sup>3</sup>	Cotton and lintens	Tobacco unmanufactured	Grains and feeds	Vegetable oils and oilseeds	Fruits and vegetables
1966	107	108	101	90	154	120	78	83	117	102	106
1967	104	101	106	96	99	105	115	110	103	95	106
1968	101	96	91	98	95	98	101	100	104	99	91
1969	92	110	129	97	125	92	69	100	85	106	93
1970	106	101	113	99	90	83	75	101	97	148	109
1971	118	125	111	122	90	71	97	104	91	201	111
1972	120	149	130	111	172	95	88	100	88	205	115
1973	154	125	181	106	58	98	126	103	167	184	123
1974	165	130	179	110	39	110	152	121	179	189	136
1975	147	136	189	112	56	104	103	112	156	158	144
1976	167	144	256	84	44	149	86	105	184	195	161
( <sup>4</sup> )	(160)	(153)	(266)	(104)	(56)	(201)	(92)	(75)	(198)	(131)	(165)
1977	177	170	303	127	53	208	115	114	182	197	184
1978	204	166	277	119	55	270	146	105	216	264	160
1979 <sup>5</sup>	211	162	268	119	48	290	148	111	225	273	164

<sup>1</sup> Fiscal years July 1–June 30 for 1966–76; Oct. 1–Sept. 30 for 1977–79.

<sup>2</sup> Based on 90 percent of total value of U.S. agricultural imports in 1967.

<sup>3</sup> Included in "Animals and animal products."

<sup>4</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>5</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 774.—Agriculture imports: Quantity indexes, United States, fiscal years 1966-79**  
 [Calendar year 1967 = 100]

Year ending Sept. 30 <sup>1</sup>	Total agricultural imports <sup>2</sup>	Complementary imports <sup>3</sup>	Supplementary imports <sup>3</sup>	Animals and animal products	Dairy products <sup>4</sup>	Hides and skins <sup>4</sup>	Meat and meat products <sup>4</sup>	Wool excluding free in bond <sup>4</sup>	Grains and feeds	Vegetable oils and oilseeds	Sugar, molasses, and sirups	Tobacco unmanufactured
1966 . . .	103	111	95	106	69	141	90	166	95	92	83	88
1967 . . .	100	98	100	102	113	108	97	104	105	101	101	95
1968 . . .	105	104	105	108	94	121	107	115	92	97	102	111
1969 . . .	107	103	110	115	122	102	115	100	96	105	103	103
1970 . . .	111	104	116	121	116	82	128	81	131	104	107	103
1971 . . .	123	106	134	128	129	232	129	50	194	121	117	118
1972 . . .	128	113	139	126	121	176	134	32	222	127	122	138
1973 . . .	136	117	149	139	155	178	145	31	260	138	113	132
1974 . . .	137	115	153	146	301	155	141	13	242	119	121	149
1975 . . .	116	95	131	108	128	145	117	12	243	134	102	171
1976 . . .	136	117	149	131	144	204	134	35	246	198	98	164
( <sup>5</sup> ) . . .	(135)	(108)	(154)	(130)	(152)	(132)	(138)	(35)	(244)	(196)	(122)	(167)
1977 . . .	140	107	163	133	172	180	125	40	255	186	113	162
1978 . . .	123	96	131	125	145	82	138	25	87	152	104	169
1979 <sup>6</sup> . . .	132	110	150	138	160	80	159	32	141	138	99	184

<sup>1</sup> Fiscal years July 1-June 30 for 1966-76; Oct. 1-Sept. 30 for 1977-79.

<sup>2</sup> Based on 85 percent of total value of U.S. agricultural imports in 1967.

<sup>3</sup> Supplementary 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. Complementary agricultural imports include all others, about 90 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, spices, and vegetable fibers.

<sup>4</sup> Included in "Animals and animal products."

<sup>5</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>6</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 775.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1979**

Commodity	Public Law 480			Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs <sup>2</sup>	All
	Long-term credit sales <sup>1</sup>	Government-to-government and World Food Program	Voluntary agencies				
	<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>
Milk, nonfat dry . . . . .		9.5	13.3		22.8	4.6	27.4
Wheat . . . . .	433.5	16.6	23.9	1.0	475.0	4,102.6	4,577.6
Rice . . . . .	118.9	14.6	4.1		137.6	746.5	884.1
Corn . . . . .	63.5	11.6	.9	146.8	222.8	5,838.7	6,061.5
Grain sorghum . . . . .		3.7		14.1	17.8	532.9	550.7
Wheat flour . . . . .	108.6	12.1	23.6		144.3	53.8	198.1
Cornmeal . . . . .	.3	5.7	4.6	4.0	14.6	6.8	21.4
Sorghum grits . . . . .		1.7	4.7		6.4		6.4
Bulgur wheat . . . . .	3.8	7.1	75.1		86.0	-1.9	84.1
Oats, rolled . . . . .		.4	5.9		6.3	1.7	8.0
Blended food products . . . . .	.2	8.9	54.9		64.0	-1.0	63.0
Whey soya beverage powder . . . . .			.5		.5	75.7	76.2
Tobacco, unmanufactured . . . . .	7.7			21.8	29.5	1,261.5	1,291.0
Soybeans . . . . .				67.0	67.0	5,377.7	5,444.7
Cotton, excluding linters . . . . .	18.4				18.4	1,877.8	1,896.2
Tallow, inedible . . . . .				23.0	23.0	599.1	622.1
Soybean oil . . . . .	34.4	36.2	49.3	1.8	121.7	584.0	705.7
Other . . . . .	3.5	.4	3.8	24.7	32.4	9,428.0	9,460.4
Total . . . . .	792.8	128.5	264.6	304.2	1,490.1	30,488.5	31,978.6

See footnotes on page 563.



**Table 776.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1980<sup>1</sup>**

Commodity	Public Law 480			Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs <sup>3</sup>	All
	Long-term credit sales <sup>2</sup>	Government-to-government and World Food Program	Voluntary agencies				
	<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>
Milk, nonfat dry		8.3	12.2		20.5	21.9	42.4
Variety meats						305.2	305.2
Wheat	412.1	17.9	2.1	8.8	440.9	5,881.9	6,322.8
Rice	152.3	32.9	17.7		202.9	967.3	1,170.2
Corn	87.5	19.7	5.5	28.5	141.2	7,701.3	7,842.5
Grain sorghum		8.0			8.0	1,041.9	1,049.9
Wheat flour	116.5	10.0	23.5	3.8	153.8	78.2	232.0
Cornmeal	.2	6.1	6.8		13.1	16.2	29.3
Sorghum grits		1.2	5.1		6.3		6.3
Bulgur wheat	.2	9.0	54.9		64.1	10.9	75.0
Oats, rolled			1.2		1.2	1.9	3.1
Blended food products	.3	16.0	36.4		52.7	18.8	71.5
Beans and peas, dried		1.0			1.0	239.9	240.9
Soya flour, defatted			.1		.1	9.1	9.2
Whey soya beverage powder						83.0	83.0
Tobacco	2.0			35.3	37.3	1,311.2	1,348.5
Soybeans						6,163.6	6,163.6
Cotton, excluding linters	12.3				12.3	3,004.2	3,016.5
Tallow, inedible				78.8	78.8	620.8	699.6
Soybean oil	62.8	54.8	40.3		157.9	624.0	781.9
Peanut oil						6.2	6.2
Other	7.1	6	10.9	28.7	47.3	10,934.5	10,981.8
Total	853.3	185.5	216.7	183.9	1,439.4	39,042.0	40,481.4

<sup>1</sup> Preliminary. <sup>2</sup> Includes long-term dollar credit and convertible foreign currency sales. <sup>3</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods.

Economic Research Service.

**Table 777.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance and total, fiscal years 1975-80<sup>1</sup>**

Type of export	1975	1976	1977	1978	1979	1980 <sup>2</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>
Public Law 480:						
Long-term dollar and convertible foreign currency credit sales	762	650	760	739	793	853
Government-to-government and World Food Program donations	148	65	92	112	128	185
Donations through voluntary agencies	191	192	250	223	265	217
Foreign Assistance Act of 1961, as amended (AID)	123	216	419	475	304	184
Total agricultural exports under specified Government programs	1,224	1,123	1,521	1,549	1,490	1,439
Commercial exports (sales for dollars):						
Without assistance	20.0	20.3	21.7	24.2	28.9	37.6
With assistance <sup>3</sup>	.3	.7	.8	1.6	1.6	1.4
Total commercial exports	20.3	21.0	22.5	25.7	30.5	39.0
Total exports	21.6	22.1	24.0	27.3	32.0	40.5

See footnotes on page 563.

Table 778.—U.S. agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for fiscal years 1979 and 1980<sup>1</sup>

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vegetable oils	Dairy products	Other	Total
1979 (year ending Sept. 30, 1979)									
	<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>	<i>1,000 dollars</i>
Bangladesh	56,333					6,058			62,391
Bolivia	13,228								13,228
Dominican Republic	2,616	3,890				6,498			13,004
Egypt	229,318								229,318
Ghana	5,550	1,299	2,800						9,649
Guinea	1,692		2,800			1,499			5,991
Guyana	192					2,028			2,220
Haiti	2,570		3,473			2,015			8,058
Honduras	1,966								1,966
Indonesia	37,050		66,733						103,783
Israel	5,373								5,373
Jamaica	1,000	12,119				906		2,154	15,569
Jordan	5,267								5,267
Korea	21,679	12,641		8,633					42,553
Lebanon					1,729				1,729
Morocco	7,266								7,266
Mozambique	2,193		1,015						3,208
Pakistan	32,935					5,645			38,580
Peru	2,729		18,141			5,795			26,665
Philippines	10,516			3,380	1,200				15,077
Portugal	33,686	30,391	3,800						67,877
Sierra Leone	387	100			799				1,286
Somalia	3,911		3,004			4,300			11,215
Sri Lanka	17,861								17,861
Sudan	19,898								19,898
Syria	6,860		11,408						18,268
Tunisia	6,478	3,075							9,553
Zaire	9,977		4,599	6,419	3,980				24,975
Zambia	6,338		1,097			3,152			10,587
Total	544,869	63,515	118,870	18,432	7,708	37,896		1,544	792,834
1980 (year ending Sept. 30, 1980)									
	<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>	<i>1,000 dollars</i>
Bangladesh	58,360								58,360
Bolivia	17,084								17,084
Dominican Republic	6,813	9,614							16,427
Egypt	275,731	9,656							285,387
El Salvador	2,887								2,887
Ghana	5,632	2,452	3,600						11,684
Guinea			4,980			952			5,932
Guyana	273					1,998			2,271
Haiti	5,544		3,025			2,982			11,551
Honduras	598								598
Indonesia	19,550		80,750						100,300
Israel		1,000							1,000
Jamaica	999	7,420				749		2,168	10,806
Kenya	9,968	2,332	4,399						16,699
Korea	12,289	12,144		8,099					32,532
Liberia			2,462						2,462
Mauritius			5,600						5,600
Morocco	8,705								8,705
Mozambique	9,772		1,783						11,555
Nicaragua	8,898					6,999			15,897
Pakistan						49,996			49,996
Peru			19,967						19,967
Philippines	3,233			2,038					5,271
Portugal	11,026	20,500							31,526
Senegal			7,000						7,000
Sierra Leone	457	134			601				1,192
Somalia	5,109	2,897	4,800			4,874			17,680
Sri Lanka	24,690								24,690
Sudan	20,966								20,966
Tanzania		2,479	5,000						7,479
Tunisia	11,860	4,931							16,791
Zaire	8,036		10,509	1,707	1,399				21,651
Zambia	1,988	12,470	1,300			1,245			17,013
Total	530,478	88,029	155,175	11,844	2,000	69,795		1,638	858,959

See footnotes on page 563.

---

---

FOOTNOTES FOR TABLE 775

<sup>1</sup> Includes long-term dollar and convertible foreign currency sales.

<sup>2</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transaction, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods.

Economic Research Service.

---

---

FOOTNOTES FOR TABLE 777

<sup>1</sup> Fiscal years July 1 — June 30 for 1975-76; Oct. 1 — Sept. 30 for 1977-80.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes payments in cash or in kind and sales from CCC stocks at less than domestic market prices; loans and guarantees from Export-Import Bank and credits extended by Commodity Credit Corporation.

Economic Research Service.

---

---

FOOTNOTES FOR TABLE 778

<sup>1</sup> Estimated market values include values of shipments under P.L. 480 agreements for long-term dollar credit and convertible local currency credit payment provisions. These methods of financing were included in Title I when a revision of the act was signed in 1966 (P.L. 89-808).

<sup>2</sup> Blended foods.

FAS-Program Development Division, Exports Credits.

Table 779.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1976-80<sup>1</sup>

Product	1976	1977	1978	1979	1980 <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>
All commodities <sup>3</sup> . . . . .	109,388,848	119,051,500	131,487,200	167,487,600	210,045,300
Nonagricultural commodities . . . . .	87,241,920	95,077,606	104,198,158	135,509,049	169,563,905
Agricultural commodities . . . . .	22,146,928	23,973,894	27,289,042	31,978,551	40,481,395
Animals and animal products . . . . .	2,018,651	2,645,552	2,828,251	3,642,932	3,770,630
Animals, live, excluding poultry . . . . .	119,064	101,400	137,501	160,007	155,126
Cattle . . . . .	85,617	62,535	87,421	81,183	51,919
Other . . . . .	33,447	38,865	50,080	78,824	103,207
Dairy products . . . . .	118,869	171,252	155,809	116,128	156,308
Butter and anhydrous milk fat . . . . .	662	899	692	1,042	1,078
Cheese and curd . . . . .	10,958	13,508	14,645	15,573	19,323
Milk, condensed, or evaporated . . . . .	15,351	9,740	10,656	12,782	13,689
Milk, nonfat dry . . . . .	35,028	81,732	77,649	27,385	42,458
Other . . . . .	65,870	65,373	52,167	59,346	79,760
Fats, oils, and greases . . . . .	358,481	580,408	573,797	704,772	784,366
Lard and other rendered pig fat . . . . .	26,066	43,487	32,738	28,394	25,402
Tallow, inedible . . . . .	305,510	492,418	486,073	622,124	699,574
Other . . . . .	26,905	44,503	54,986	54,254	59,390
Meats and meat preparations . . . . .	572,729	609,081	688,224	844,111	870,703
Beef and veal, except offals . . . . .	98,648	113,442	177,894	235,515	242,059
Pork, except offals . . . . .	262,962	225,747	210,794	242,400	185,028
Offals, edible, variety meat . . . . .	131,110	164,718	188,957	237,477	305,207
Other . . . . .	80,009	105,174	110,579	128,719	138,409
Poultry and poultry products . . . . .	207,129	300,017	331,763	368,121	546,487
Poultry, live: . . . . .					
Breeding chicks . . . . .	16,114	19,048	24,094	31,037	36,392
Baby chicks, excluding breeding . . . . .	5,003	4,751	4,826	4,639	5,972
Other . . . . .	8,797	6,808	5,324	5,851	4,200
Poultry meat, fresh, frozen: . . . . .					
Chickens . . . . .	81,509	144,016	154,849	186,292	288,406
Turkeys . . . . .	42,215	29,878	31,841	36,264	42,339
Other . . . . .	7,960	9,812	10,920	12,401	21,859
Eggs . . . . .	33,293	57,225	75,021	67,447	101,364
Other . . . . .	12,238	28,479	24,888	24,190	45,955
Hides and skins, including furskins . . . . .	560,749	797,661	821,587	1,302,285	1,115,270
Cattle hides, whole . . . . .	344,389	531,121	548,913	885,710	667,437
Furskins . . . . .	165,956	207,463	209,785	323,668	361,131
Other . . . . .	50,404	59,077	62,859	92,907	86,702
Other animal products . . . . .	81,629	85,733	119,600	147,508	142,370
Hair, animal, excluding wool or fine . . . . .					
hair . . . . .	767	848	5,500	4,313	1,057
Sausage casings . . . . .	22,630	26,370	23,519	23,779	20,960
Wool, unmanufactured, including fine . . . . .					
hair . . . . .	25,740	22,591	25,198	30,050	24,479
Other . . . . .	32,492	35,924	65,383	89,366	95,874
Vegetable products . . . . .	20,128,277	21,328,342	24,460,791	28,335,619	36,710,765
Cotton, unmanufactured . . . . .	881,937	1,538,172	1,706,935	1,909,043	3,033,278
Cotton, raw . . . . .	873,004	1,528,814	1,693,725	1,896,193	3,016,471
Linters . . . . .	8,933	9,358	13,210	12,850	16,807
Fruits and preparations . . . . .	729,787	803,942	976,477	1,042,482	1,299,696
Canned . . . . .	77,405	93,899	114,423	105,477	126,895
Dried . . . . .	116,833	110,423	151,061	126,292	228,882
Fresh . . . . .	411,905	438,342	530,692	611,027	701,963
Fruit juices . . . . .	109,068	142,091	155,523	171,241	210,749
Other . . . . .	14,576	19,187	24,778	28,446	31,207
Nuts and preparations . . . . .	176,508	223,237	287,707	448,572	786,888
Grains and preparations . . . . .	11,296,628	9,290,444	10,909,971	12,612,492	17,168,313
Feed grains and products . . . . .	5,641,293	5,390,886	5,750,663	6,709,447	9,169,161
Feed grains . . . . .	5,597,715	5,345,299	5,699,870	6,660,010	9,102,180
Barley . . . . .	63,041	204,776	84,126	41,242	200,591
Corn . . . . .	4,835,327	4,500,494	5,069,849	6,061,538	7,842,473
Grain sorghum . . . . .	678,133	630,293	524,193	550,704	1,049,869
Oats . . . . .	21,214	9,737	21,702	6,526	9,247
Other . . . . .	43,578	45,587	50,793	49,437	66,981
Rice . . . . .	540,751	704,125	872,565	884,140	1,170,161
Wheat and products . . . . .	4,976,293	3,054,330	4,138,653	4,862,434	6,632,586
Wheat . . . . .	4,803,431	2,825,390	3,876,490	4,577,601	6,322,817
Wheat flour . . . . .	131,031	177,744	195,367	198,127	231,972
Other wheat products . . . . .	41,831	51,196	66,796	86,706	77,797
Blended food products . . . . .	51,575	60,899	61,428	62,993	71,455
Other . . . . .	86,716	80,204	86,662	93,478	124,950
Feeds and fodders, excluding oilcake . . . . .					
and meal . . . . .	345,188	620,460	574,839	774,396	1,092,762
Corn byproducts . . . . .	127,862	221,920	237,088	320,340	459,517
Alfalfa meal and cubes . . . . .	22,343	61,121	45,173	60,201	89,493
Other . . . . .	194,983	337,419	292,578	393,855	543,752

See footnotes at end of table.

**Table 779.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1976-80<sup>1</sup>—Continued**

Product	1976	1977	1978	1979	1980 <sup>2</sup>
Vegetable products—Continued					
Vegetables and preparations—Continued					
Oilseeds and products . . . . .	4,642,270	6,388,254	7,440,305	8,554,576	9,810,623
Oilseed cake and meal . . . . .	774,034	949,688	1,175,812	1,414,831	1,717,514
Soybean oilseed cake and meal . . . . .	739,698	917,865	1,120,894	1,364,939	1,642,253
Other . . . . .	34,336	31,823	54,918	49,892	75,261
Oilseeds . . . . .	3,340,912	4,642,656	5,264,174	5,994,522	6,793,761
Soybeans . . . . .	3,078,140	4,306,554	4,749,049	5,444,670	6,163,625
Other . . . . .	262,772	336,102	515,125	549,852	630,136
Vegetable oils and waxes . . . . .	527,324	766,521	957,389	1,092,993	1,244,285
Soybean oil . . . . .	325,926	413,070	540,755	705,677	781,878
Other . . . . .	201,398	353,451	416,634	387,316	462,407
Tobacco, unmanufactured . . . . .	917,260	1,065,316	1,130,033	1,290,963	1,348,549
Flue-cured . . . . .	683,770	782,821	838,926	958,715	984,261
Other . . . . .	233,490	282,495	291,107	332,248	364,288
Vegetable and preparations . . . . .	556,629	697,161	649,012	756,371	954,291
Canned . . . . .	60,441	76,187	90,308	116,437	124,532
Pulses . . . . .	88,343	113,348	114,875	154,890	284,972
Fresh . . . . .	200,543	244,537	216,114	218,811	227,345
Hops, including extract . . . . .	26,379	29,611	26,780	34,657	51,207
Other . . . . .	180,923	233,478	200,935	231,576	266,235
Essential oils . . . . .	63,420	87,206	84,804	95,875	111,584
Seeds, except oilseeds . . . . .	124,461	152,116	166,425	178,970	247,317
Other vegetable products . . . . .	394,190	462,034	534,283	671,879	857,464

<sup>1</sup> Fiscal years July 1–June 30 for 1976; Oct. 1–Sept. 30 for 1977–80.

<sup>2</sup> Preliminary.

<sup>3</sup> Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 780.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1976–80<sup>1</sup>**

Product	1976	1977	1978	1979	1980 <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>
All commodities . . . . .	105,881,197	142,417,600	166,007,800	193,609,600	236,516,000
Nonagricultural commodities . . . . .	95,774,373	129,290,653	150,905,546	177,434,518	219,305,619
Agricultural commodities . . . . .	10,106,824	13,357,413	13,886,474	16,186,742	17,275,711
Supplementary <sup>3</sup> . . . . .	6,289,086	6,547,956	7,314,484	9,075,342	9,924,395
Animals and animal products . . . . .	2,200,344	2,303,865	2,753,300	3,767,609	3,711,153
Animals, live, excluding poultry . . . . .	198,931	236,047	314,778	355,029	466,901
Cattle, dutiable . . . . .	130,751	167,196	217,733	230,255	287,835
Meats and meat products . . . . .	1,370,856	1,289,144	1,596,676	2,475,623	2,277,476
Meats, P.L. 88-482 . . . . .	722,092	682,886	950,576	1,683,331	1,553,769
Meats, fresh, frozen . . . . .	737,648	639,545	969,997	1,777,040	1,685,112
Beef and veal . . . . .	725,486	688,362	955,103	1,689,299	1,551,298
Pork . . . . .	225,436	15,752	32,714	66,074	118,856
Meats, prepared, preserved . . . . .	533,994	552,422	560,262	651,246	549,665
Beef and veal . . . . .	119,506	132,463	128,142	203,607	200,864
Pork . . . . .	462,110	412,473	422,896	433,144	335,508
Mutton, goat, and lamb . . . . .	20,065	16,448	27,282	40,387	34,880
Poultry and products . . . . .	31,197	82,047	85,092	46,253	70,372
Dairy products . . . . .	243,800	301,365	324,183	388,218	461,539
Nonfat dry milk . . . . .	1,172	741	725	687	2,241
Cheese . . . . .	186,373	222,168	236,969	276,164	289,325
Casein and mixtures . . . . .	47,042	68,869	75,006	100,300	136,199
Fats, oils and greases . . . . .	6,492	5,001	5,735	6,874	6,921
Hides and skins . . . . .	196,044	213,639	240,874	315,631	227,441
Sheep and lamb skins . . . . .	68,786	65,987	69,215	85,429	49,614
Furskins . . . . .	101,340	117,947	141,067	178,978	135,071
Wool, unmanuf. excluding free . . . . .	53,879	60,080	49,796	50,264	62,631
Sausage casings . . . . .	34,627	41,488	47,251	50,877	52,978
Other animal products . . . . .	64,518	77,062	85,914	78,841	84,894
Vegetable products . . . . .	4,088,742	4,244,090	4,561,184	5,307,734	6,213,241
Grains and preparations . . . . .	181,236	171,655	190,425	225,577	271,285
Wheat, excluding seed, edible . . . . .	3,024	3,282	8	209	111
Barley . . . . .	53,181	25,066	10,447	17,351	25,008
Biscuits, wafers . . . . .	50,445	59,535	69,322	78,242	91,137

See footnotes on page 567.

Table 780.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1976–80<sup>1</sup>—Continued

Product	1976	1977	1978	1979	1980 <sup>2</sup>
Supplementary <sup>3</sup> —Continued	1,000	1,000	1,000	1,000	1,000
Vegetable products—Continued	dollars	dollars	dollars	dollars	dollars
Fruits and preparations	256,094	372,646	470,644	646,973	572,533
Fresh or frozen	99,013	140,307	160,893	191,818	209,340
Strawberries	20,010	31,391	28,675	42,815	31,662
Prepared or preserved	128,490	179,126	181,425	231,119	222,424
Pineapples	67,890	88,650	94,459	108,940	116,150
Fruit juices	30,592	55,213	128,314	224,036	143,819
Nuts and preparations	171,615	213,757	200,156	237,926	227,761
Vegetables and preparations	412,100	616,054	767,866	778,296	852,362
Fresh or frozen	146,860	263,294	343,214	374,987	379,433
Tomatoes	67,610	148,051	164,235	155,460	133,775
Prepared or preserved	265,240	352,760	424,652	403,309	472,929
Olives	69,214	76,316	70,927	68,380	77,890
Mushrooms, canned	46,221	66,884	99,146	90,235	116,453
Hops and extract, hop equivalent	17,259	15,559	12,805	16,930	36,970
Sugar and related products	1,629,642	1,104,766	1,046,862	1,089,251	1,843,077
Sugar, cane and beet	1,425,069	915,728	880,775	851,621	1,619,379
Molasses inedible	95,814	93,360	65,948	106,659	101,613
Confectionery products	73,562	58,930	57,895	89,602	79,515
Spices	14,982	15,618	15,092	17,438	17,079
Tobacco, unmanufactured	263,803	314,363	371,459	399,174	401,815
Tobacco, filler	183,825	234,897	266,982	266,942	262,196
Tobacco, scrap	52,614	71,110	94,736	121,229	125,114
Beverages, excluding fruit juices	405,272	547,431	712,342	915,345	1,039,273
Wine	292,932	384,423	496,456	605,327	673,911
Malt beverages	109,728	160,752	213,579	306,754	360,667
Feeds and fodders	48,843	63,259	65,332	75,172	81,433
Oilseeds and oilnuts	535,905	639,326	508,321	668,349	617,407
Flaxseed	60,872	89,365	48,532	57,910	52,461
Sesame seed	1,148	17,566	3,173	13,392	7,639
Oils and waxes—vegetables	17,862	20,632	24,646	32,022	32,401
Castor oil	472,451	545,004	458,028	607,285	559,803
Coconut oil	22,990	43,301	40,039	38,387	47,447
Olive oil	171,517	254,485	228,879	356,360	292,343
Palm oil	40,850	33,233	36,822	41,427	47,687
Palm kernel oil	179,953	131,588	74,924	72,975	56,509
Cotton, excluding linters	29,529	42,022	34,828	53,382	73,564
Cotton linters	25,465	13,531	1,771	2,025	1,633
Seeds, field and garden	2,272	3,922	4,281	4,873	7,133
Nursery stock	42,822	43,294	48,725	49,786	56,265
Other vegetable products	60,407	80,136	105,492	133,077	146,700
Complementary <sup>3</sup>	38,283	44,332	52,414	64,290	77,485
Bananas, fresh	3,817,738	6,809,457	6,571,991	7,111,400	7,351,316
Plantains, fresh	256,621	309,704	336,498	378,130	406,989
Coffee, green	7,546	9,175	12,384	12,463	13,386
Coffee, roasted	2,023,850	3,974,216	3,465,818	3,643,844	4,165,693
Coffee, soluble, extracts	36,795	94,963	79,611	72,915	78,084
Cocoa beans	133,844	313,502	190,526	252,307	249,390
Cocoa butter	347,688	475,229	571,342	646,427	398,624
Cocoa, cake, powder etc.	64,876	95,491	96,085	140,536	207,812
Chocolate Preparations	56,795	167,212	349,719	253,275	125,720
Tea, crude or prepared	62,627	139,313	248,303	248,225	235,835
Spices	83,636	178,058	112,795	119,272	132,844
Pepper, unground, black	92,365	132,802	132,153	134,983	139,635
Vanilla beans	37,424	51,653	50,291	41,650	50,817
Other	11,612	28,533	21,572	21,864	21,334
Rubber, crude, natural:	43,329	52,616	60,290	71,469	67,484
Rubber-latex	35,758	50,838	58,715	63,259	83,905
Rubber-dry form	401,952	570,572	607,217	817,069	734,290
Silk, raw	5,895	3,614	5,355	8,440	6,588
Wool, unmanufactured, free	18,915	32,354	27,972	34,670	45,814
Fibers, excluding cotton, jute	19,235	28,279	28,153	29,651	35,068
Essential oils	52,668	79,149	82,127	94,505	100,868
Drugs, crude natural	95,262	133,357	137,134	130,605	151,030
Other	21,410	21,629	30,084	30,823	39,741

See footnotes on page 567.

**Table 781.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1976–80<sup>1 2</sup>**

Commodity	1976	1977	1978	1979	1980 <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>
VARIABLE-LEVY COMMODITIES					
Feed grains	1,610,090	1,989,058	1,131,451	1,030,429	1,191,474
Corn	1,449,451	1,839,307	1,103,719	1,023,507	1,163,015
Sorghum grain	139,569	55,554	10,353	5,511	14,940
Barley	13,813	88,997	2,698	418	11,427
Oats	7,257	5,199	14,682	992	2,092
Corn byproducts	12,843	31,029	26,416	27,287	41,600
Rice	74,611	70,356	99,659	82,486	108,570
Rye grain	944	0	0	13	1,430
Wheat grain	433,436	126,869	236,194	237,534	346,846
Wheat flour	552	489	632	531	712
Beef and veal, excluding variety meats	4,497	7,589	4,769	5,093	4,546
Pork, excluding variety meats	611	1,302	2,037	4,162	7,177
Lard <sup>4</sup>	5,435	16,189	2,428	1,239	1,383
Dairy products	6,253	9,602	2,220	2,438	2,693
Poultry and eggs	35,500	24,960	28,544	33,795	44,872
Live poultry	1,488	1,770	2,816	2,835	2,427
Broilers and fryers	1,994	3,346	2,408	2,830	4,059
Stewing chickens	54	153	60	81	127
Turkeys	28,336	15,136	17,408	20,343	20,903
Other fresh poultry	78	162	281	973	5,146
Eggs	3,550	4,388	5,575	6,734	12,211
Other	36,129	59,624	83,156	139,178	234,925
Total	2,220,901	2,337,067	1,617,506	1,564,185	1,986,228

See footnotes at end of table.

FOOTNOTES FOR TABLE 780.

<sup>1</sup> Fiscal years July 1–June 30 for 1976; Oct.1–Sept. 30 for 1977–80.

<sup>2</sup> Preliminary.

<sup>3</sup> Supplementary agricultural import products consist 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. Complementary agricultural products include all others, about 88 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 781.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1976–80<sup>1,2</sup>—Continued

Commodity	1976	1977	1978	1979	1980 <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>
NONVARIABLE-LEVY COMMODITIES					
Canned poultry <sup>5</sup>	462	528	646	871	879
Cotton, excluding linters	32,837	96,618	112,477	149,837	221,430
Fruits and preparations	152,640	149,942	173,690	159,316	248,859
Fresh fruits	62,565	54,429	54,281	60,453	87,637
Citrus	54,285	47,316	39,825	45,931	67,056
Oranges and tangerines	23,307	17,135	12,450	12,372	25,561
Lemons and limes	12,590	12,624	9,275	10,894	12,043
Grapefruit	18,325	17,429	17,797	21,925	28,831
Other	63	128	301	741	620
Apples	1,694	1,870	4,924	4,494	6,129
Grapes	2,018	328	2,582	2,136	2,156
Other	4,568	917	6,949	7,890	12,297
Dried fruits	45,016	39,553	56,490	46,078	86,994
Raisins	13,096	12,845	17,190	11,433	47,443
Prunes	26,572	21,795	33,650	29,910	31,079
Other	5,348	4,911	5,651	4,734	8,472
Fruit juices	21,454	29,161	25,078	30,593	38,456
Orange	14,496	20,538	17,987	20,596	24,466
Grapefruit	2,783	3,943	4,239	6,756	9,667
Other	4,175	4,681	2,851	3,242	4,326
Canned fruits <sup>6</sup>	19,474	19,575	30,954	17,497	28,733
Peaches	4,600	5,400	13,853	5,813	8,454
Fruit cocktail	2,519	2,638	2,921	3,336	9,912
Pineapple	5,949	5,797	4,663	2,744	2,067
Other	6,406	5,743	9,517	5,607	8,303
Other fruits	4,131	7,224	6,886	4,697	7,040
Vegetables and preparations	112,554	182,457	95,870	102,417	135,443
Pulse	32,139	35,773	49,734	44,764	52,683
Dried beans	22,780	25,670	44,695	33,227	45,633
Dried peas	9,359	10,103	5,036	11,537	7,049
Fresh vegetables	16,925	44,289	6,454	6,804	10,737
Canned vegetables	8,922	15,775	11,559	14,966	21,189
Asparagus	600	522	574	1,247	831
Other	8,322	15,255	10,985	13,719	20,359
Hops, including extracts	2,731	4,010	1,088	1,419	11,809
Other vegetables and preparations	51,837	82,610	27,037	34,466	39,028
Hides and skins	134,153	202,394	177,346	292,616	298,380
Cattle hides, whole	35,276	73,841	47,596	98,223	67,296
Calf and kip skins	2,428	2,479	4,391	7,625	3,841
Other	96,449	126,074	125,357	186,767	227,244
Oilseeds and products	2,134,578	2,712,211	3,039,163	3,283,940	4,107,337
Oilseed cake and meal	489,947	621,046	563,132	627,221	897,580
Soybean	467,846	501,637	539,544	595,596	858,913
Other	22,101	19,410	23,587	31,627	38,667
Oilseeds	1,575,906	2,133,272	2,406,491	2,603,285	3,144,223
Soybeans	1,476,655	1,982,735	2,112,751	2,256,670	2,726,838
Flaxseed	4,403	44	3,807	157	694
Other	94,848	150,493	289,933	346,458	416,691
Vegetable oils	60,286	47,701	66,868	53,430	65,535
Cottonseed	15,620	12,225	4,275	6,012	3,455
Soybean	237	1,050	15,750	2,394	5,527
Linseed	6,299	2,431	6,484	91	9,895
Other	38,130	31,995	40,358	44,930	46,656
Tallow	54,337	133,254	113,192	119,372	122,227
Tobacco, unmanufactured	361,785	419,649	459,593	566,431	507,426
Variety meats, fresh or frozen <sup>5</sup>	89,938	119,766	109,630	125,586	167,854
Nuts and preparations	89,141	104,629	143,673	215,496	431,778
Corn gluten feed	109,984	182,757	204,886	288,589	410,949
Food for relief and charity	1,707	125	70	36	23
Other	269,282	451,235	378,601	486,169	556,796
Total	3,543,398	4,755,565	5,008,837	5,790,676	7,209,381
Total European Community	5,764,299	7,092,632	6,626,343	7,354,861	9,195,609

<sup>1</sup> Fiscal years July 1–June 30 for 1976; Oct. 1–Sept. 30 for 1977–80.<sup>2</sup> Not adjusted for transshipments through Canada and Western Europe.<sup>3</sup> Preliminary.<sup>4</sup> Lard for food is a variable-levy commodity, while lard for industrial use is bound in the General Agreement on Tariffs and Trade (GATT) at 3 percent ad valorem. U.S. lard is for food use.<sup>5</sup> Although canned poultry, and pork variety meats are subject to variable levies, these cannot exceed the amount of import duties bound in GATT.<sup>6</sup> Variable levy on sugar-added content.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



Table 782.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years 1978-80<sup>1</sup>

Country <sup>2</sup>	1978			1979			1980		
	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Japan	4,159.1	0	4,159.1	5,060.6	0	5,060.6	5,749.3	0	5,749.3
Netherlands	2,169.7	0	2,169.7	2,466.7	0	2,466.7	3,440.0	0	3,440.0
Mexico	735.2	0	735.2	972.0	0	972.0	2,003.3	0	2,003.3
China, Mainland	352.4	0	352.4	884.1	0	884.1	1,936.6	0.5	1,936.1
Germany, Fed. Rep. of	1,453.5	0	1,453.5	1,389.9	0	1,389.9	1,838.1	0	1,838.1
Canada	1,560.2	0	1,560.2	1,669.4	0	1,669.4	1,749.6	0	1,749.6
Korea, Rep. of	1,055.4	63.3	992.1	1,387.0	43.0	1,344.0	1,617.7	32.5	1,585.2
U.S.S.R.	1,796.6	0	1,796.6	2,067.7	0	2,067.7	1,413.8	0	1,413.8
Spain	754.8	0	754.8	828.3	0	828.3	1,233.1	0	1,233.1
Italy	923.5	0	923.5	927.4	0	927.4	1,197.7	0	1,197.7
China, Taiwan	729.2	0	729.2	977.5	0	977.5	1,109.1	0	1,109.1
United Kingdom	909.6	0	909.6	1,075.0	0	1,075.0	1,003.2	0	1,003.2
France	503.3	0	503.3	685.0	0	685.0	804.4	0	804.4
Egypt	552.2	422.6	129.6	567.7	331.8	235.9	736.2	466.4	269.8
Brazil	412.3	0	412.3	444.8	.4	444.4	698.3	.9	697.4
Poland	522.9	0	522.9	450.6	0	450.6	638.2	0	638.2
Belgium-Luxembourg	433.6	0	433.6	513.4	0	513.4	623.0	0	623.0
Venezuela	355.4	0	355.4	449.9	0	449.9	616.2	0	616.2
Portugal	379.6	6.8	372.8	435.9	67.9	368.0	592.7	31.0	561.7
German Dem. Rep	134.8	0	134.8	245.6	0	245.6	492.8	0	492.8
Romania	134.0	0	134.0	302.4	0	302.4	468.2	0	468.2
Indonesia	334.4	158.2	176.2	274.1	110.7	163.4	450.8	111.9	338.9
Hong Kong	344.0	0	344.0	350.3	0	350.3	443.5	0	443.5
India	270.7	131.7	139.0	220.3	129.8	90.5	367.3	108.8	258.5
Saudi Arabia	283.5	0	283.5	311.7	0	311.7	346.3	0	346.3
Nigeria	251.1	0	251.1	226.9	0	226.9	331.5	0	331.5
Philippines	197.0	15.2	181.8	238.0	29.8	208.2	316.8	24.1	292.7
Yugoslavia	89.5	0	89.5	231.7	0	231.7	302.2	0	302.2
Israel	270.8	250.1	20.7	312.5	222.8	89.7	296.4	1.0	295.4
Colombia	129.7	2.4	127.3	215.9	1.1	214.8	287.7	.7	287.0
Switzerland	226.5	0	226.5	235.3	0	235.3	279.9	0	279.9
Greece	161.4	0	161.4	200.0	0	200.0	272.6	0	272.6
Iraq	125.1	0	125.1	123.3	0	123.3	266.1	0	266.1
Chile	145.4	5.8	139.6	147.3	8.5	138.8	261.0	5.0	256.0
Peru	122.3	17.5	104.8	139.8	40.8	99.0	256.4	32.4	224.0
Czechoslovakia	65.5	0	65.5	154.2	0	154.2	246.2	0	246.2
Denmark	186.5	0	186.5	220.2	0	220.2	214.6	0	214.6
Dominican Republic	122.1	5.1	117.0	159.5	20.0	139.5	213.8	20.7	193.1
Bangladesh	119.6	103.9	15.7	141.9	89.8	52.1	228.4	64.8	163.6
Norway	121.6	0	121.6	137.0	0	137.0	186.7	0	186.7
Thailand	119.0	0	119.0	150.6	0	150.6	170.8	0	170.8
Algeria	152.3	4.1	148.2	114.3	0	114.3	185.2	0	185.2
Pakistan	218.4	60.2	158.2	246.9	41.5	205.4	161.3	55.1	106.2
Ecuador	78.3	2.1	76.2	92.7	2.0	90.7	122.2	.7	121.5
Sweden	100.4	0	100.4	104.7	0	104.7	136.7	0	136.7
Singapore	77.0	0	77.0	91.4	0	91.4	125.4	0	125.4
Morocco	144.7	27.9	116.8	68.5	18.5	50.0	127.7	18.5	109.2
Republic of South Africa	51.5	0	51.5	85.5	0	85.5	117.8	0	117.8
Australia	92.2	0	92.2	88.2	0	88.2	110.1	0	110.1
Tunisia	40.0	18.9	21.1	53.2	16.2	37.0	106.4	21.6	84.8
Other countries	2,621.2	253.3	2,367.9	3,041.8	315.5	2,726.3	3,588.1	442.8	3,145.3
Total	27,289.0	1,549.1	25,739.9	31,978.6	1,490.1	30,488.5	40,481.4	1,439.4	39,042.0

<sup>1</sup> Fiscal years Oct. 1-Sept. 30.

<sup>2</sup> Not adjusted for transshipments through Canada and Western Europe.

<sup>3</sup> Includes Title I long-term credit sales for dollars and convertible foreign currencies and Title II donations for disaster relief and development through government-to-government, World Food Program, and voluntary relief agencies, under P.L. 83-480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes the Foreign Assistance Act of 1961, as amended.

<sup>4</sup> "Agricultural exports outside specified Government-financed programs" (sales for dollars) include in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of the extension of credit and credit guarantees for relatively short periods through the Commodity Credit Corporation and loans and guarantees from the Export-Import Bank.

Table 783.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1978-1980<sup>1</sup>

Country	1978			1979			1980		
	Total	Complement-ary <sup>2</sup>	Supplement-ary <sup>2</sup>	Total	Complement-ary <sup>2</sup>	Supplement-ary <sup>2</sup>	Total	Complement-ary <sup>2</sup>	Supplement-ary <sup>2</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>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Brazil	1,342,263	997,396	344,867	1,572,466	1,061,601	510,865	1,746,508	1,129,121	617,387
Mexico	999,505	307,034	692,471	1,241,522	452,335	789,187	1,197,458	420,531	776,927
Australia	675,893	1,037	674,856	1,029,039	1,090	1,027,949	1,070,393	1,663	1,068,730
Colombia	735,930	673,129	62,801	933,822	838,085	95,737	1,060,836	915,190	145,647
Canada	710,192	38,813	671,379	901,578	33,028	868,550	1,022,535	40,525	982,010
Indonesia	552,639	535,825	16,814	775,557	764,516	11,041	747,366	716,890	30,476
New Zealand	385,486	19,190	366,297	602,860	24,889	577,972	609,350	35,656	573,695
Philippines	533,080	19,579	513,501	568,436	30,471	537,965	583,522	57,714	525,808
Dominican Republic	416,493	238,768	177,725	367,067	167,071	199,996	505,918	205,213	300,203
Guatemala	315,995	247,064	68,931	328,766	237,550	91,216	446,123	300,231	145,892
France	344,789	65,755	279,034	394,173	72,356	321,816	400,805	62,584	338,221
Italy	243,004	6,188	236,817	306,738	6,300	300,439	389,509	7,421	382,088
Netherlands	400,938	157,001	243,937	412,029	121,033	290,997	387,720	89,419	298,301
Malaysia	317,920	225,725	92,196	378,131	262,136	115,996	364,110	242,119	121,990
Ecuador	372,726	367,688	5,038	378,242	358,788	19,454	359,048	329,479	29,569
Guernsey, Fed. Rep.	268,748	74,106	194,642	294,613	66,139	228,474	330,004	81,578	248,426
Honduras	268,957	213,876	55,081	289,544	193,715	95,829	315,257	203,438	111,819
Costa Rica	235,084	178,611	56,473	294,167	191,880	102,288	311,083	197,064	114,019
El Salvador	128,585	92,888	35,698	244,215	205,795	38,420	289,748	248,302	41,446
Ivory Coast	326,252	324,710	1,542	392,521	389,745	2,776	278,003	270,257	7,746
Denmark	254,731	21,244	233,487	275,498	22,467	253,031	249,216	25,656	223,560
Argentina	222,445	12,982	209,463	278,778	12,372	266,406	228,574	13,868	214,706
Peru	188,597	142,273	46,324	196,323	154,110	42,213	221,115	191,644	29,471
Spain	188,725	11,471	177,253	197,292	14,456	182,836	201,305	7,225	194,079
India	152,188	94,760	57,427	182,429	105,625	76,805	171,284	102,156	69,128
Poland	139,874	1,568	138,306	162,599	863	161,736	159,030	921	158,109
Uganda	111,621	111,621	0	32,059	32,056	3	158,883	158,874	9
Turkey	142,964	3,414	139,550	155,497	3,115	152,382	158,303	3,698	154,605
China, Taiwan	134,257	6,727	127,530	121,273	5,903	115,370	150,339	7,433	142,907
Thailand	83,186	41,837	41,348	109,216	55,367	53,849	138,966	55,762	83,204
United Kingdom	100,099	28,300	71,800	112,133	31,982	80,151	133,897	30,507	103,390
China, Mainland	78,968	19,397	59,571	77,671	27,841	49,831	123,489	42,184	81,304
Republic of South Africa	25,590	2,458	23,132	42,349	1,790	40,559	113,652	1,354	112,298
Paraguay	35,767	24,009	11,758	106,338	95,863	10,475	103,470	97,533	5,937
Ethiopia	92,576	89,537	3,039	97,876	95,527	2,349	102,399	98,089	4,310
Japan	88,619	7,926	80,693	88,966	9,148	79,818	93,805	7,673	86,132
Liberia	76,346	76,303	43	79,011	78,603	408	89,120	89,010	110
Mozambique	42,945	1,808	41,137	36,609	1,568	35,041	82,903	5,746	77,157
Nigeria	82,324	79,126	3,199	90,609	89,135	1,474	81,543	77,750	3,794
Malagasy Rep.	104,126	104,089	36	73,676	68,788	4,888	78,876	76,858	2,018
Rwanda	56,158	56,135	23	22,195	22,195	0	74,463	74,463	0
Cameroon	43,599	38,139	5,461	41,934	37,261	4,673	71,274	67,211	4,063
Singapore	40,978	34,924	6,055	66,580	57,367	9,213	69,281	55,091	14,190
Yugoslavia	105,479	3,232	102,247	97,454	2,428	95,026	62,740	3,172	59,568
Greece	57,581	2,023	55,558	67,036	2,329	64,706	61,329	2,810	58,519
Switzerland	67,101	9,155	57,946	58,499	9,664	48,835	60,906	9,277	51,629
Republic of Korea	58,158	3,659	54,499	68,588	10,344	58,244	60,033	5,351	54,682
Finland	50,290	195	50,095	62,546	681	61,865	57,247	780	56,466
Swaziland	16,185	0	16,185	13,893	0	13,893	55,330	0	55,330
Ireland	21,644	4,769	16,875	29,724	5,000	24,724	55,177	6,909	48,268
Other countries	1,448,874	754,527	694,344	1,435,598	577,971	857,623	1,392,553	477,478	915,075
Total <sup>3</sup>	13,886,474	6,571,991	7,314,484	16,185,735	7,110,342	9,075,394	17,275,798	7,351,380	9,924,418

<sup>1</sup> Fiscal years Oct. 1-Sept. 30.<sup>2</sup> Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all others, about 88 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.<sup>3</sup> Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 784.—European Community: Value of agricultural imports by origin, 1966-79<sup>1</sup>

Year <sup>2</sup>	United States	EC countries	Other countries	Total
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1966	2,476	5,323	11,689	19,488
1967	2,143	5,638	11,195	18,976
1968	2,113	6,197	10,838	19,148
1969	2,027	7,418	11,863	21,308
1970	2,487	8,255	12,583	23,325
1971	2,649	9,946	12,823	25,418
1972	2,956	12,500	14,801	30,257
1973	4,872	17,333	20,177	42,382
1974	5,799	21,119	21,891	48,809
1975	6,162	24,429	21,527	52,118
1976	6,689	25,885	24,454	57,028
1977	7,427	29,321	30,292	67,040
1978	8,210	36,294	31,965	76,469
1979	9,185	43,234	37,733	90,152

<sup>1</sup>Based on data from the United Nations, Organization for Economic Cooperation and Development, and the European Community.

<sup>2</sup>Data on calendar year basis.

Economic Research Service.

Table 785.—Commodity futures: Contracts traded, United States, 1976–1980

Commodity and Market	Contract unit	Number of contracts				
		1976	1977	1978	1979	1980
Wheat:						
Total .....	5,000 bushels	3,889,628	2,629,010	3,596,396	4,941,212	7,059,527
Total .....	1,000 bushels	514,048	151,433	205,629	379,975	550,950
Wheat, durum:						
Total .....	5,000 bushels	471	36			
Corn:						
Total .....	5,000 bushels	4,609,801	5,021,827	6,127,099	8,671,719	11,946,975
Total .....	1,000 bushels	418,715	280,268	256,022	323,808	440,615
Oats:						
Total .....	5,000 bushels	129,789	111,142	217,197	217,889	323,298
Soybeans:						
Total .....	5,000 bushels	5,474,179	7,996,139	8,477,277	9,114,348	11,768,197
Total .....	1,000 bushels	700,466	1,104,763	994,932	964,596	1,052,707
Soybean oil:						
Total .....	60,000 pounds	1,685,819	2,535,046	2,909,284	3,081,646	3,167,895
Soybean meal:						
Total .....	100 tons	1,523,711	2,373,453	2,493,086	2,647,821	3,218,690
Sunflower seeds:						
Total .....	100,000 pounds					27,368
Coffee "B":						
Total .....	32,000 pounds	13				
Coffee "C":						
Total .....	37,500 pounds	174,486	214,202	163,959	449,799	906,944
Sugar 11:						
Total .....	112,000 pounds	984,677	1,055,984	1,016,773	1,792,723	3,576,662
Sugar 12:						
Total .....	112,000 pounds	14,052	15,676	21,875	35,474	13,839
Cotton 2:						
Total .....	50,000 pounds	938,543	826,395	1,155,801	1,689,051	2,490,405
Potatoes, Idaho:						
Total .....	50,000 pounds	1,889	4,727	90	1,126	2,481
Potatoes, Maine:						
Total .....	50,000 pounds	413,021	41,248			

Potatoes, rnd., wh:							
Total	50,000 pounds	43,649	478,558	453,215	183,868	393,759	
Orange juice, con.:							
Total	15,000 pounds	69,587	377,921	285,405	186,018	162,864	
Lumber:							
Total	100,000 bd. ft.	350,530	486,691	560,498	649,478	838,676	
Plywood:							
Total	76,032 sq. ft.	233,373	368,770	261,483	146,570	169,550	
Stud lumber:							
Total	100,000 bd. ft.	4	687	9,365	5,059	2,198	
Hogs, live:							
Total	30,000 pounds	1,146,815	1,307,712	1,765,201	1,805,710	2,153,767	
Total	15,000 pounds	145,647	159,324	186,927	127,674	103,181	
Pork, bellies:							
Total	36,000 pounds	1,201,066	1,358,730	1,439,651	1,514,176	2,250,945	
Hams:							
Total	36,000 pounds	8					
Cattle, live:							
Total	40,000 pounds	2,647,700	2,639,517	5,592,364	7,214,848	5,997,047	
Total	20,000 pounds			54,054	208,997	186,831	
Feeder cattle:							
Total	42,000 pounds	62,795	133,274	568,728	980,619	874,313	
Beef, boneless:							
Total	30,000 pounds		41				
Beef, imp. lean:							
Total	30,000 pounds	3,114	2,690	5,890	16,704	24,119	
Broilers, iced:							
Total	28,000 pounds	117,641	64,938	74,684	25,681	4,079	
Turkeys:							
Total	36,000 pounds	118	144				
Eggs, fresh:							
Total	22,500 dozen	146,341	130,042	72,984	21,224	2,798	
Wool:							
Total	5,000 pounds	532	3				

Futures Industry Association.

COMMODITY FUTURES

Table 786.—Average monthly commitments of reporting and nonreporting traders for principal commodities regulated by the Commodity Futures Trading Commission, 1980<sup>1</sup>

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders speculative and hedging commitments <sup>3</sup>		Total open interest
		Speculative						Hedging		Total				
		Long or short only		Long and short (spreading) <sup>2</sup>		Total								
		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	
Wheat:		<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>	<i>Number</i> <sup>4</sup>
All markets		6,351	3,922	8,419	8,419	14,770	12,341	37,297	49,031	52,067	61,371	37,089	27,785	89,156
CBOT <sup>5</sup>	5,000 bushels	5,208	3,221	7,030	7,210	12,238	10,431	16,506	25,691	28,744	36,122	27,791	20,413	56,535
MACE <sup>6</sup>	do	55	60	35	196	90	256	9	6	99	262	623	460	722
BOTKC <sup>7</sup>	do	868	636	898	877	1,766	1,513	16,953	17,410	18,719	18,922	5,780	5,577	24,499
MGE <sup>8</sup>	do	220	5	456	136	676	141	3,829	5,924	4,505	6,065	2,895	1,335	7,400
Corn:														
All markets		12,036	4,276	11,767	11,766	23,803	16,042	96,661	109,361	120,464	125,403	66,124	61,185	186,588
CBOT	do	11,811	4,265	11,632	11,308	23,443	15,573	96,640	109,361	120,083	124,934	65,354	60,503	185,437
MACE	do	225	11	135	458	360	469	21	0	381	469	770	682	1,151
Oats:														
CBOT	do	304	350	202	202	506	552	603	2,684	1,109	3,236	4,500	2,373	5,609
Soybeans:														
All markets		7,779	6,416	25,089	25,089	32,868	31,505	45,463	50,817	78,331	82,322	48,438	44,447	126,769
CBOT	do	7,740	6,395	24,885	24,739	32,625	31,134	45,463	50,817	78,088	81,951	47,264	43,401	125,352
MACE	do	39	21	204	350	243	371	0	0	243	371	1,174	1,046	1,417
Soybean meal:														
CBOT	100 tons	5,201	1,461	4,075	4,075	9,276	5,536	27,418	34,788	36,788	40,324	16,051	12,421	52,745
Soybean oil:														
CBOT	60,000 pounds	4,896	3,055	10,178	10,178	15,074	13,233	27,875	35,547	42,949	48,780	20,044	14,213	62,993
Cotton:														
NYCE <sup>9</sup>	100 bales	6,951	967	4,297	4,297	11,248	5,264	9,074	26,655	20,322	31,919	22,612	11,015	42,934
Orange juice, frozen concentrated:														
CA, NYCE <sup>10</sup>	15,000 pounds	1,141	272	814	814	1,955	1,086	3,241	6,042	5,196	7,128	4,756	2,824	9,952
Eggs shell:														
CME <sup>11</sup>	22,500 dozens	0	0	0	0	0	0	0	0	0	0	129	129	129
Potatoes:														
(Round white) NYME <sup>12</sup>	50,000 pounds	1,637	741	201	201	1,838	942	451	3,007	2,289	3,949	4,636	2,976	6,925
Cattle:														
All markets		10,509	7,356	5,306	5,191	15,815	12,547	7,610	20,473	23,425	33,020	47,963	38,368	71,388
(Live beef) CME	40,000 pounds	8,443	5,308	4,466	4,351	12,909	9,659	4,535	18,289	17,444	27,948	41,094	30,590	58,538
(Live feeder) CME	42,000 pounds	2,066	2,048	840	840	2,906	2,888	3,075	2,184	5,981	5,072	6,869	7,778	12,850
Hogs, live:														
CME	30,000 pounds	5,690	4,628	3,602	3,917	9,292	8,545	1,676	2,479	10,968	11,024	15,686	15,630	26,654
Pork, frozen bellies:														
CME	36,000 pounds	3,130	5,699	3,400	3,400	6,530	9,099	322	2,238	6,852	11,337	16,677	12,192	23,529

Lumber															
CME	100,000 bd. ft. . .	1,000	1,288	1,832	1,926	2,832	3,214	2,000	2,803	4,832	6,017	6,271	5,086	11,103	
Plywood															
CBOT	76,032 sq. ft. . . .	407	496	555	555	962	1,051	912	1,187	1,874	2,238	2,223	1,859	4,097	
Broilers, iced															
CBOT	30,000 pounds . . .	19	38	9	9	28	47	103	92	131	139	211	203	342	
Coffee															
CSCE <sup>13</sup>	37,500 pounds . . .	1,035	1,037	465	465	1,500	1,502	2,220	5,147	3,720	6,649	10,133	7,204	13,853	
Sugar															
CSCE <sup>13</sup>	112,000 pounds . . .	14,102	1,631	6,946	6,923	21,048	8,554	20,765	44,024	41,813	52,578	35,132	24,367	76,945	

<sup>1</sup> Preliminary.

<sup>2</sup> Effective July 1, 1963, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

<sup>3</sup> Derived by subtracting reporting traders' commitments from total open interest.

<sup>4</sup> Number of contracts.

<sup>5</sup> Chicago Board of Trade.

<sup>6</sup> MidAmerica Commodity Exchange.

<sup>7</sup> The Board of Trade of Kansas City, Mo. Inc.

<sup>8</sup> Minneapolis Grain Exchange.

<sup>9</sup> New York Cotton Exchange.

<sup>10</sup> Citrus Associates of the New York Cotton Exchange, Inc.

<sup>11</sup> Chicago Mercantile Exchange.

<sup>12</sup> New York Mercantile Exchange.

<sup>13</sup> Coffee, Sugar and Cocoa Exchange.

Commodity Futures Trading Commission.

Table 787.—Average monthly commitments of reporting and nonreporting traders as percentages of average open interest, for principal commodities regulated by the Commodity Futures Trading Commission, 1980<sup>1</sup>

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders speculative and hedging commitments <sup>3</sup>		Total open interest
		Speculative						Hedging		Total				
		Long or short only		Long and short (spreading) <sup>2</sup>		Total								
		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	
Wheat:		Per-	Per-	Per-	Per-	Per-	Per-	Per-	Per-	Per-	Per-	Per-	Per-	Per-
All markets		cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>	cent <sup>4</sup>
CBOT <sup>5</sup>	5,000 bushels	7.1	4.4	9.4	9.4	16.6	13.8	41.8	55.0	58.4	68.8	41.6	31.2	100.0
MACE <sup>6</sup>	do	9.2	5.7	12.4	12.8	21.6	18.5	29.2	45.4	50.8	63.9	49.2	36.1	100.0
BOTKC <sup>7</sup>	do	7.5	8.3	5.0	27.2	12.5	35.5	1.2	.8	13.7	36.3	86.3	63.7	100.0
MGE <sup>8</sup>	do	3.5	2.6	3.7	3.6	7.2	6.2	69.2	71.1	16.4	71.3	23.6	22.7	100.0
MGE <sup>8</sup>	do	3.0	.1	6.2	1.8	9.2	1.9	51.7	80.1	60.9	82.0	39.1	18.0	100.0
Corn:														
All markets		6.5	2.3	6.3	6.3	12.8	8.6	51.8	58.6	64.6	67.2	35.4	32.8	100.0
CBOT	do	6.4	2.3	6.3	6.1	12.7	8.4	52.1	59.0	64.8	67.4	35.2	32.6	100.0
MACE	do	19.6	.9	11.8	39.9	31.3	40.8	1.8	0	33.1	40.8	66.9	59.2	100.0
Oats:														
CBOT	do	5.4	6.2	3.6	3.6	9.0	9.8	10.8	47.9	19.8	57.7	80.2	42.3	100.0
Soybeans:														
All markets		6.1	5.1	19.8	19.8	25.9	24.9	35.9	40.1	61.8	64.9	38.2	35.1	100.0
CBOT	do	6.2	5.1	19.9	19.7	26.1	24.8	36.2	40.6	62.3	65.4	37.7	34.6	100.0
MACE	do	2.8	1.5	14.4	24.7	17.2	26.2	0	0	17.2	26.2	82.8	73.8	100.0
Soybean meal:														
CBOT	100 tons	9.9	2.8	7.7	7.7	17.6	10.5	52.0	66.0	69.6	76.5	30.4	23.5	100.0
Soybean oil:														
CBOT	60,000 pounds	7.7	4.8	16.2	16.2	23.9	21.0	44.3	56.4	68.2	77.4	31.8	22.6	100.0
Cotton:														
NYCE <sup>9</sup>	100 bales	16.2	2.3	10.0	10.0	26.2	12.3	21.1	62.1	47.3	74.3	52.7	25.7	100.0
Orange juice, frozen concentrated:														
CA, NYCE <sup>10</sup>	15,000 pounds	11.5	2.7	8.2	8.2	19.7	10.9	32.6	60.7	52.2	71.6	47.8	28.4	100.0
Eggs, shell:														
CME <sup>11</sup>	22,500 dozen	0	0	0	0	0	0	0	0	0	0	100.0	100.0	100.0
Potatoes:														
(Round white) NYME <sup>12</sup>	50,000 pounds	23.6	10.7	2.9	2.9	26.5	13.6	6.5	43.4	33.0	57.0	67.0	43.0	100.0
Cattle:														
All markets		14.7	10.3	7.4	7.3	22.1	17.6	10.7	28.7	32.8	46.3	67.2	53.7	100.0
(Live beef) CME	40,000 pounds	14.4	9.1	7.6	7.4	22.1	16.5	7.7	31.2	29.9	47.7	70.2	52.3	100.0
(Live feeder) CME	42,000 pounds	16.1	15.9	6.5	6.5	22.6	22.5	23.9	17.0	46.5	39.5	53.5	60.5	100.0
Hogs, live:														
CME	30,000 pounds	21.3	17.4	13.5	14.7	34.8	32.1	6.3	9.3	41.1	41.4	58.9	58.6	100.0
Pork, frozen bellies:														
CME	36,000 pounds	13.3	24.2	14.5	14.5	27.8	38.7	1.4	9.5	29.2	48.2	70.8	51.8	100.0



Lumber														
CME	100,000 bd. ft . . .	9.0	11.6	16.5	17.3	25.5	28.9	18.0	25.2	43.5	54.1	56.5	45.9	100.0
Plywood														
CBOT	76,032 sq. ft . . . .	9.9	12.2	13.5	13.5	23.5	25.7	22.3	29.0	45.7	54.6	54.3	45.4	100.0
Broilers, iced														
CBOT	30,000 pounds . .	5.6	11.1	2.6	2.6	8.2	13.7	30.1	26.9	38.3	40.6	61.7	59.4	100.0
Coffee														
CSCE <sup>13</sup>	37,500 pounds . .	7.5	7.5	3.4	3.4	10.9	10.9	16.0	37.2	26.9	48.0	73.1	52.0	100.0
Sugar														
CSCE <sup>13</sup>	112,000 pounds .	18.3	2.1	9.0	9.0	27.3	11.1	27.0	57.2	54.3	68.3	45.7	31.7	100.0

<sup>1</sup> Preliminary.

<sup>2</sup> Effective July 1, 1963, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

<sup>3</sup> Derived by subtracting reporting traders' commitments from total open interest.

<sup>4</sup> Commitment data in contracts as a percentage of open interest for each contract market.

<sup>5</sup> Chicago Board of Trade.

<sup>6</sup> MidAmerica Commodity Exchange.

<sup>7</sup> The Board of Trade of Kansas City, Mo. Inc.

<sup>8</sup> Minneapolis Grain Exchange.

<sup>9</sup> New York Cotton Exchange.

<sup>10</sup> Citrus Associates of the New York Cotton Exchange, Inc.

<sup>11</sup> Chicago Mercantile Exchange.

<sup>12</sup> New York Mercantile Exchange.

<sup>13</sup> Coffee, Sugar and Cocoa Exchange.

<sup>14</sup> Commodity Futures Trading Commission.

Table 788.—Fish: Catch and disposition of catch in commercial fisheries, United States, 1966–80 (round weight)

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1966	4,366	1,601	894	77	1,794
1967	4,055	1,452	1,001	77	1,525
1968	4,160	1,543	1,017	67	1,533
1969	4,337	1,520	993	68	1,756
1970	4,917	1,595	1,150	71	2,101
1971	5,018	1,580	1,019	76	2,343
1972	4,806	1,612	976	70	2,148
1973	4,858	1,715	882	59	2,202
1974	4,967	1,660	1,005	69	2,233
1975	4,877	1,744	907	55	2,171
1976	5,388	1,802	918	55	2,613
1977 <sup>1</sup>	5,198	2,025	1,078	55	2,040
1978 <sup>1</sup>	6,028	2,237	1,099	52	2,640
1979 <sup>1</sup>	6,267	2,394	1,046	94	2,733
1980 <sup>1</sup>	6,482	2,621	1,160	97	2,604

<sup>1</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 789.—Frozen fishery products: Production, by geographic divisions, 1966–80

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	Total
	<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>
1966	135,162	4,327	39,780	421	28	75,696	103,225	358,639
1967	108,254	3,516	32,819	1,856	18	90,884	86,934	324,281
1968	126,187	3,609	45,555	1,222	41	104,363	87,450	368,427
1969	101,147	3,248	58,770	69	15	108,913	80,533	352,695
1970	117,625	1,319	59,059	2,931	40	113,697	93,623	388,294
1971	100,522	1,791	58,884	1,366	20	117,968	81,477	362,008
1972	107,611	3,097	49,257	1,065	20	119,146	88,749	368,945
1973	101,527	15,325	50,544	4,486	2	101,162	137,320	410,366
1974	75,143	20,351	45,719	4,152	12	75,710	118,847	339,934
1975	82,610	10,500	48,340	4,623	2	61,815	91,762	299,652
1976	92,843	7,515	47,661	1,182	80	70,044	102,347	321,672
1977	95,853	7,857	36,006	4,846	367	60,302	140,459	345,690
1978	88,222	3,422	40,167	218	36	49,800	127,381	309,246
1979	66,060	5,442	35,814	.....	390	48,241	112,989	268,936
1980	50,149	4,626	34,896	25	66	33,479	104,974	228,215

U.S. Department of Commerce, National Marine Fisheries Service.

**Table 790.—Fresh and frozen packaged fish:<sup>1</sup> Production and value, by principal species, United States, 1966–80**

Year	Cod		Flounder		Haddock	
	Quantity	Value	Quantity	Value	Quantity	Value
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1966	10,284	3,907	49,542	22,754	40,110	16,966
1967	14,006	5,409	45,287	20,731	34,069	15,376
1968	13,955	5,338	43,384	20,478	22,351	11,162
1969	15,397	6,980	46,229	24,961	13,353	8,492
1970	13,619	7,445	46,657	28,712	8,867	6,925
1971	14,970	9,144	38,325	28,049	6,798	6,633
1972	12,342	9,216	38,580	32,734	5,013	6,794
1973	17,142	13,796	40,322	40,546	6,431	9,104
1974	19,112	16,424	40,956	44,626	8,897	12,105
1975	15,586	14,868	41,974	53,126	8,219	12,347
1976	16,578	19,023	48,227	72,466	4,664	8,293
1977	24,562	27,725	44,587	69,718	14,658	21,294
1978	27,188	35,209	46,338	83,460	17,392	26,210
1979	33,799	45,848	47,848	87,918	19,278	33,275
1980 <sup>2</sup>	30,633	41,628	46,908	84,901	17,560	29,158

Year	Ocean perch, Atlantic		Whiting		Other		Total	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1966	21,664	5,743	2,438	617	41,852	19,549	165,890	69,536
1967	19,477	5,172	1,818	452	38,338	17,196	152,995	64,336
1968	15,556	3,953	2,090	520	38,176	18,917	135,512	60,368
1969	14,618	4,037	895	270	47,121	24,717	137,613	69,457
1970	16,008	4,922	782	267	47,575	26,559	133,508	74,830
1971	18,343	6,075	482	154	49,534	25,390	128,392	75,445
1972	17,540	7,379	156	51	53,012	35,765	126,643	91,939
1973	15,268	8,183	2,750	1,081	51,086	38,661	133,359	111,371
1974	12,093	6,236	1,950	582	52,183	39,455	135,191	119,428
1975	8,397	5,673	926	613	56,821	51,296	131,923	137,923
1976	9,437	8,086	988	613	62,691	58,620	142,585	167,101
1977	10,448	10,108	830	509	65,303	62,468	160,388	191,822
1978	9,232	9,897	767	517	78,132	72,549	179,049	227,842
1979	8,576	10,017	491	371	77,175	83,501	187,167	260,930
1980 <sup>2</sup>	7,112	9,132	591	485	70,845	74,221	173,649	239,525

<sup>1</sup>Packaged fish represents production of fillets and steaks.

<sup>2</sup>Preliminary.

Table 791.—Canned fishery products: Production and value, United States, 1966–80

Year	Salmon	Sardine		Tuna and tuna-like fishes	Mackerel <sup>1</sup>	Shrimp	Clam products <sup>2</sup>	Oysters <sup>2</sup>	Other products	Total
		Maine	Pacific							
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>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1966 . . . . .	209,161	31,182	116	398,694	18,575	14,201	69,795	2,800	443,086	1,187,610
1967 . . . . .	99,473	29,260	( <sup>3</sup> )	394,841	12,733	16,851	65,741	4,623	574,870	1,198,392
1968 . . . . .	165,490	40,489	.....	400,159	22,294	18,967	61,830	4,557	553,239	1,267,025
1969 . . . . .	122,444	24,402	.....	403,386	17,354	20,729	62,923	2,000	515,043	1,168,281
1970 . . . . .	183,466	18,872	.....	440,455	8,487	25,125	65,493	1,904	602,089	1,345,891
1971 . . . . .	168,452	22,249	.....	444,294	16,517	22,345	70,978	3,387	580,594	1,328,816
1972 . . . . .	96,192	36,540	.....	626,428	13,763	23,795	80,145	2,798	720,852	1,600,513
1973 . . . . .	71,772	23,284	.....	646,421	2,851	25,228	90,770	2,058	784,973	1,647,357
1974 . . . . .	87,791	25,131	.....	668,134	3,779	22,121	88,276	1,979	656,795	1,554,006
1975 . . . . .	78,086	26,008	.....	542,491	9,738	12,407	75,972	2,402	638,759	1,385,863
1976 . . . . .	127,611	24,971	.....	602,505	6,643	20,021	64,422	1,159	720,448	1,567,780
1977 . . . . .	150,823	23,496	.....	557,503	30,890	24,525	73,482	1,027	574,597	1,436,343
1978 . . . . .	164,279	26,376	.....	708,973	32,496	16,806	73,079	600	592,879	1,615,488
1979 . . . . .	150,066	30,369	.....	623,253	26,191	9,584	77,927	450	523,058	1,440,898
1980 <sup>4</sup> . . . . .	201,600	19,809	.....	614,030	37,091	16,182	86,864	( <sup>3</sup> )	488,752	1,464,328
Value										
	<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>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966 . . . . .	136,075	12,262	25	272,068	3,346	21,973	21,125	3,201	93,633	563,708
1967 . . . . .	76,121	13,862	( <sup>3</sup> )	264,056	2,363	24,332	21,726	6,152	116,951	525,563
1968 . . . . .	118,015	19,297	.....	270,569	4,098	29,444	20,444	5,624	116,417	583,908
1969 . . . . .	90,286	11,512	.....	299,636	3,317	27,730	22,045	2,164	118,843	575,533
1970 . . . . .	138,673	11,227	.....	382,024	1,534	37,277	25,661	2,102	143,262	741,760
1971 . . . . .	137,822	10,866	.....	416,552	3,076	33,648	26,344	4,814	137,485	770,597
1972 . . . . .	90,409	23,877	.....	637,463	2,618	38,396	27,263	4,292	174,383	998,701
1973 . . . . .	111,105	15,688	.....	711,757	540	55,234	38,103	3,688	231,045	1,167,160
1974 . . . . .	137,005	21,745	.....	829,619	921	44,370	43,106	3,266	225,815	1,305,847
1975 . . . . .	115,291	24,917	.....	662,702	2,614	27,650	41,773	4,065	192,933	1,071,945
1976 . . . . .	205,318	24,478	.....	856,404	2,085	48,815	39,298	2,548	250,747	1,429,693
1977 . . . . .	243,340	27,205	.....	917,249	11,869	71,336	64,521	2,687	236,482	1,574,689
1978 . . . . .	248,553	35,641	.....	1,273,260	9,751	48,794	64,670	1,337	231,021	1,913,027
1979 . . . . .	275,184	44,818	.....	1,106,550	7,690	40,089	66,660	1,023	210,149	1,752,163
1980 <sup>4</sup> . . . . .	403,527	31,467	.....	1,138,608	11,315	71,070	74,286	( <sup>3</sup> )	186,200	1,916,473

<sup>1</sup> Beginning 1971, figures contain only Jack mackerel.<sup>2</sup> Represents the net weight of canned products. In the classifications, "Clam products," "Oysters," and "Other products," the weight of any chowders, soups, and juices includes the weight of the entire mixture, which may contain potatoes and other vegetables, etc.<sup>3</sup> Included in "Other products."<sup>4</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 792.—Fishery product: United States imports for consumption, 1976–80

Class and item	Unit	1976		1977		1978		1979		1980	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
<b>Edible fishery products:</b>											
<b>Fresh or frozen:</b>			<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>
<b>Fish, fresh-water and salt-water:</b>											
Whitefish .....	1,000 pounds	8,194	6,144	9,049	6,964	11,347	8,589	7,556	7,425	8,177	7,962
Yellow pike .....	do	6,489	6,971	6,247	6,336	6,345	6,348	7,253	8,954	5,796	8,691
Cod, haddock, hake, pollock, and cusk .....	do	13,002	4,865	10,098	4,047	9,310	3,655	14,197	5,849	13,880	5,736
Halibut .....	do	7,400	9,920	6,510	9,086	6,955	10,779	4,119	7,407	6,338	9,326
Salmon .....	do	7,742	13,645	5,708	10,794	6,617	13,562	5,022	11,390	5,533	13,887
Sea herring .....	do	76,517	5,521	70,720	8,876	72,005	5,462	40,059	1,857	22,035	3,645
Tuna <sup>1</sup> .....	do	603,793	246,464	629,376	250,452	801,560	320,591	747,779	315,860	719,000	423,929
Filleted, skinned and boned .....	do	792,049	547,994	783,248	663,080	830,035	744,097	835,678	807,736	705,278	704,165
Other .....	do	74,198	35,797	74,944	42,104	88,283	49,319	90,244	57,334	77,758	49,635
<b>Shellfish:</b>											
Clams .....	do	2,132	1,481	2,989	2,490	4,315	3,392	4,524	3,841	4,558	4,408
Lobsters .....	do	64,351	240,737	60,019	250,302	56,184	256,287	60,680	298,468	50,532	270,631
Shrimp .....	do	227,460	460,698	225,208	488,326	195,475	418,354	220,216	705,008	215,083	711,200
Other .....	do	41,400	73,095	44,713	72,044	48,088	108,006	52,296	115,865	33,882	106,957
<b>Canned fish and shellfish:</b>											
Anchovies .....	do	5,903	8,899	6,596	11,799	6,415	10,690	5,056	8,342	5,941	14,082
Sardines .....	do	53,873	36,817	50,036	37,461	48,717	40,070	49,756	43,978	51,178	44,060
Tuna, bonito, and yellowtail .....	do	59,014	67,627	36,006	45,690	52,169	64,186	54,074	65,362	64,357	97,878
Lobsters .....	do	2,865	13,898	2,884	15,596	2,420	1,925	11,670	11,652	2,178	12,843
Other .....	do	102,575	85,453	86,133	99,956	86,939	108,399	97,445	121,919	88,616	128,439
<b>Cured fish, dried, pickled, salted, smoked or kippered .....</b>	do	75,877	49,171	62,016	48,947	69,483	61,583	64,752	65,320	57,548	59,519
<b>Other fish and shellfish .....</b>	do	3,641	1,651	4,510	4,142	7,850	4,103	6,740	4,826	6,664	5,291
<b>Total edible products .....</b>	do	2,228,475	1,916,848	2,177,010	2,078,492	2,410,512	2,253,142	2,369,371	2,668,396	2,144,332	2,682,284
<b>Nonedible fishery products:</b>											
Fish and marine animal oils .....	1,000 gallons	3,109	4,459	2,277	4,122	2,552	5,322	2,457	6,002	3,276	7,253
Fish scrap and meal .....	1,000 tons	140	32,872	81	26,488	44	12,577	90	29,616	50	15,530
Other nonedible products .....			378,166		513,777		805,141		1,107,038		943,015
<b>Total nonedible products .....</b>			415,497		544,387		823,040		1,142,656		965,798
<b>Grand total .....</b>			2,332,345		2,622,879		3,076,182		3,811,052		3,648,082

<sup>1</sup> Excludes loins and discs, included with other.

U.S. Department of Commerce, National Marine Fisheries Service Compiled from reports of the Bureau of the Census.

Table 793.—Domestic fishery products: United States exports, 1976–80

Class and item	Unit	1976		1977		1978		1979		1980	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Edible fishery products:											
Fresh or frozen:											
Fish:											
Cod, haddock, hake, pollock, and cusk	1,000 pounds	3,275	1,000 2,327 dollars								
Salmon	do	41,922	75,645	69,844	125,396	125,771	276,256	144,365	311,594	125,465	207,071
Other	do	75,867	33,549	110,823	54,205	101,280	72,347	153,261	128,823	192,192	136,994
Shellfish:											
Shrimp	do	23,296	57,023	26,089	60,731	34,801	88,184	28,934	87,392	15,913	48,928
Other	do	30,320	44,140	48,365	81,324	85,871	188,272	116,956	219,161	95,820	178,819
Canned:											
Fish:											
Mackerel	do	489	107	1,244	327	9,560	10,446	8,357	11,142	10,362	13,764
Salmon	do	19,588	33,865	21,275	34,031	32,513	49,240	50,719	91,916	74,006	149,971
Sardines	do	1,829	1,556	1,186	855	1,555	1,533	1,590	1,180	1,839	1,371
Other	do	11,054	12,099	11,000	14,503	3,428	4,495	928	3,566	866	1,022
Shellfish:											
Shrimp	do	7,769	14,685	8,966	18,066	5,984	12,084	5,469	12,391	5,832	17,207
Other	do	4,200	7,133	8,860	9,323	12,682	12,426	10,901	12,736	10,944	10,277
Cured:											
Miscellaneous fish	do	13,058	44,819	23,081	73,892	34,336	115,385	31,451	138,877	40,034	137,514
Miscellaneous shellfish	do	285	767	326	722	530	986	648	1,426	623	1,425
Total edible products	do	240,866	329,810	331,059	473,375	448,311	831,654	553,580	1,020,204	573,896	904,363
Nonedible fishery products:											
Fish oils	do	179,235	29,945	90,633	18,107	222,012	42,340	198,497	39,571	284,009	52,395
Whale and sperm oil	do			5,503	1,672	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Furs, fur-seal, dressed or dyed	1,000 pieces	67	5,107	32	2,833	22	1,866	23	2,450	22	1,897
Shells, unmanufactured	1,000 pounds	9,887	2,842	12,800	4,634	10,562	4,685	12,294	5,744	14,576	7,244
Other nonedible			16,985		19,875		24,989		14,397		40,255
Total nonedible products			54,879		47,121		73,880		62,162		101,791
Grand total			384,689		520,496		905,534		1,082,366		1,006,154

<sup>1</sup>Not available.

U.S. Department of Commerce, National Marine Fisheries Service. Compiled from reports of the Bureau of the Census.

Table 794.—Industrial fishery: Production, United States, 1966–80

Year	Marine animal scrap and meal					Marine animal body, liver, and viscera oil		
	Menhaden dried scrap and meal	Herring meal	Tuna and mackerel meal	Other meal dried and green scrap	Total scrap and meal		Menhaden oil	Herring oil
					Amount	Value		
	Tons	Tons	Tons	Tons	1,000 tons	1,000 dollars	1,000 gallons	1,000 gallons
1966	134,954	11,860	25,290	51,717	294	32,315	18,606	1,017
1967	119,135	9,492	25,487	57,075	211	26,038	13,082	732
1968	143,154	15,411	28,781	47,790	235	30,261	19,615	1,230
1969	159,493	6,563	26,870	59,738	253	39,823	19,246	450
1970	188,550	6,415	26,674	47,558	269	46,353	24,037	702
1971	220,996	5,189	29,287	37,340	293	44,501	31,489	756
1972	193,580	5,487	43,226	42,213	286	48,289	21,543	653
1973	188,786	4,457	43,635	50,639	288	119,905	25,870	222
1974	203,859	3,191	48,244	45,420	301	84,380	28,006	( <sup>1</sup> )
1975	191,443	3,581	37,209	58,198	290	65,545	27,519	206
1976	212,553	4,338	40,059	52,744	309	96,815	24,052	268
1977	193,268	2,294	39,228	47,501	282	97,239	14,987	57
1978	276,546	3,159	50,603	32,602	363	121,207	36,649	173
1979	280,813	5,510	47,391	40,579	374	131,528	32,432	240
1980 <sup>2</sup>	271,181	n.a.	47,019	43,722	362	133,300	37,604	n.a.

  

Year	Marine animal body, liver, and viscera oil—Continued					Value of—			
	Tuna and mackerel oil	Whale and sperm oil	Liver and viscera oil	Other marine animal oils	Total oils		Shell products	Other by-products	Grand total
					Amount	Value			
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1966	530	176	.....	838	21,167	12,521	5,132	23,085	73,053
1967	673	320	.....	986	15,793	6,112	4,933	23,944	61,027
1968	587	309	.....	720	22,461	7,327	4,651	27,888	70,127
1969	549	224	.....	1,439	21,908	9,326	4,170	35,893	89,212
1970	456	88	.....	1,308	26,591	18,185	3,409	31,593	99,540
1971	637	54	.....	1,316	34,252	20,831	4,128	37,091	106,551
1972	649	.....	.....	1,470	23,315	13,117	4,210	90,366	155,982
1973	954	.....	.....	19,939	28,985	25,563	4,015	53,345	202,828
1974	880	.....	.....	1,821	30,707	49,216	4,651	60,587	198,834
1975	831	.....	.....	3,141	31,697	32,503	5,847	58,302	162,297
1976	818	.....	.....	1,260	26,398	31,156	6,085	50,694	184,750
1977	491	.....	.....	1,650	17,185	28,239	6,708	58,386	190,572
1978	562	.....	.....	n.a.	38,230	60,701	4,465	64,550	259,923
1979	698	.....	.....	n.a.	34,574	54,087	( <sup>3</sup> )	73,843	259,458
1980 <sup>2</sup>	528	.....	.....	n.a.	40,206	57,780	( <sup>4</sup> )	77,679	268,759

<sup>1</sup> Included with "Other meal dried and green scrap" or other oils.<sup>2</sup> Preliminary.<sup>3</sup> Beginning with 1970, data for oystershell products only.<sup>4</sup> Included with other byproducts.

n.a. Not available.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 795.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1953-79<sup>1</sup>

Year	Public cold storage only	Private and semiprivate cold storage	Meat-packing establishments	Total all types <sup>2</sup>
	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>
1953	466,470	202,491	79,089	748,050
1955	498,599	245,850	68,568	813,017
1957	545,061	294,174	62,162	901,397
1959	569,199	325,313	50,872	945,384
1961	595,463	379,355	51,985	1,026,803
1963	633,447	428,250	50,372	1,112,069
1965	683,972	473,515	45,903	1,203,390
1967	734,804	517,468	41,833	1,294,105
1969	762,203	554,611	35,932	1,352,746
1971	774,265	624,442	28,272	1,426,979
1973	828,691	686,477	( <sup>3</sup> )	1,515,168
1975	875,292	754,772		1,630,064
1977	893,589	784,943		1,678,532
1979	940,005	912,460		1,852,464

<sup>1</sup> Warehouse space is defined as all space artificially cooled to temperatures of 50°F. or less, in which food commodities are held for 30 days or longer.

<sup>2</sup> Totals may not add due to rounding.

<sup>3</sup> Included in "Private and semiprivate cold storage," beginning 1973.

Statistical Reporting Service.

Table 796.—Refrigerated warehouses: Total gross space, by States, Oct. 1, 1979<sup>1</sup>

State	Gross space	State	Gross space	State	Gross space	State	Gross space
	<i>1,000 cu. ft.</i>		<i>1,000 cu. ft.</i>		<i>1,000 cu. ft.</i>		<i>1,000 cu. ft.</i>
Ala	7,553	Ind	19,477	Nebr	21,375	S. Dak	2,710
Alaska	6,411	Iowa	32,810	Nev	1,017	Tenn	25,152
Ariz	5,990	Kans	38,517	N.H	5,046	Texas	62,042
Ark	9,063	Ky	7,064	N.J	41,299	Utah	19,135
Calif	216,115	La	6,007	N. Mex	1,357	Vt	3,475
Colo	11,364	Maine	20,097	N.Y	101,740	Va	46,722
Conn	6,191	Md. and D.C.	17,537	N.C	9,515	Wash	288,673
Del	4,027	Mass	48,084	Ohio	45,526	W. Va	10,629
Fla	148,798	Mich	72,035	Okla	7,681	Wis	64,995
Ga	47,780	Minn	43,469	Oreg	103,640	Other States	7,794
Hawaii	3,865	Miss	3,785	Pa	61,092		
Idaho	35,081	Mo	45,162	R.I	2,165		
Ill	55,755	Mont	198	S.C	7,449	U.S	1,852,464

<sup>1</sup> Only those States having 3 or more warehouses are listed separately.

Statistical Reporting Service.



Table 797.—Alaska crops: Acreage harvested, 1966–80

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1966	400	1,600	1,400	6,800	2,500	1,400	710	155
1967	600	1,800	1,200	7,500	2,400	1,400	690	180
1968	900	1,900	900	7,000	2,100	1,400	620	285
1969	500	1,200	1,100	7,000	1,600	1,400	620	250
1970	500	1,500	1,400	6,600	1,500	1,400	610	200
1971	200	3,100	1,900	5,100	2,200	2,000	630	205
1972	500	2,800	2,400	8,500	1,900	1,900	550	170
1973	600	3,100	2,200	9,400	1,200	1,700	500	165
1974	400	1,100	3,200	9,400	1,100	1,700	570	155
1975	400	1,500	3,600	10,800	1,000	1,800	530	165
1976	300	1,300	3,300	10,400	1,000	1,500	510	175
1977	400	2,600	2,100	10,200	1,000	1,400	520	162
1978	600	4,000	2,300	9,900	900	1,500	450	198
1979	300	5,800	1,000	9,800	700	1,700	460	220
1980 <sup>2</sup>	600	11,500	2,400	10,400	1,900	1,700	460	227

<sup>1</sup> Excludes greenhouse-grown vegetables. <sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 798.—Alaska crops: Volume harvested, 1966–80

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Cwt.</i>	<i>Cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1966	10,200	34,600	2,100	9,200	14,300	4,000	111,500	15,500
1967	14,800	36,300	1,900	11,200	14,600	4,900	138,000	18,200
1968	15,000	27,400	1,100	8,800	12,800	5,600	114,700	24,800
1969	4,800	14,400	1,000	6,700	5,700	4,500	71,300	16,300
1970	7,200	22,300	1,500	7,900	7,400	6,200	106,800	15,900
1971	3,800	21,600	2,600	4,600	13,300	6,200	110,300	16,100
1972	4,800	24,900	3,000	11,500	10,700	8,600	99,000	14,000
1973	8,100	48,400	2,600	12,200	6,400	6,400	102,500	13,700
1974	3,200	18,200	4,000	11,800	5,900	6,600	90,500	16,000
1975	5,400	33,600	7,100	14,300	4,800	10,400	108,700	16,300
1976	3,800	32,200	6,100	12,500	4,500	6,700	91,000	18,800
1977	6,300	60,500	3,500	17,100	3,900	7,700	115,000	19,300
1978	9,200	72,000	4,700	15,700	5,300	6,800	81,000	19,900
1979	5,000	137,800	1,600	14,200	4,200	8,200	85,000	23,500
1980 <sup>2</sup>	8,400	162,700	2,700	12,300	4,700	7,700	77,000	23,300

<sup>1</sup> Excludes greenhouse-grown vegetables. <sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 799.—Alaska crops: Value of production, 1966–80

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1966	42,000	140,000	655,000	329,000	619,000	218,000
1967	62,000	144,000	721,000	312,000	642,000	228,000
1968	68,000	117,000	545,000	276,000	654,000	297,000
1969	17,000	53,000	539,000	184,000	378,000	193,000
1970	29,000	88,000	705,000	245,000	705,000	255,000
1971	17,000	83,000	576,000	351,000	772,000	319,000
1972	21,000	101,000	1,160,000	367,000	941,000	291,000
1973	58,000	363,000	1,332,000	320,000	1,179,000	282,000
1974	27,000	158,000	2,054,000	500,000	1,304,000	381,000
1975	44,000	287,000	2,782,000	532,000	1,122,000	390,000
1976	30,000	261,000	2,325,000	391,000	1,092,000	447,000
1977	51,000	479,000	2,781,000	433,000	1,323,000	439,000
1978	79,000	570,000	2,652,000	457,000	932,000	539,000
1979	41,000	861,000	2,054,000	477,000	1,046,000	657,000
1980 <sup>2</sup>	81,000	1,017,000	2,100,000	484,000	1,463,000	642,500

<sup>1</sup> Excludes greenhouse-grown vegetables. <sup>2</sup> Preliminary.

Statistical Reporting Service.

# INDEX

	Page		Page
Abaca, imports	76, 77		
Atea:			
Land in farms:			
Irrigated	419		
Total	415, 416		
Land utilization	417, 418		
Principal crops, planted and harvested	433-436		
Required for specific purposes	436		
<i>See also under specific crop.</i>			
Agricultural commodity futures	572-577		
Agricultural commodity support prices	456, 457		
Agricultural conservation program:			
<i>See Conservation, Soil conservation, and Water conservation.</i>			
Agricultural loans. <i>See Loans.</i>			
Agricultural production, index numbers	438-440		
Agricultural products:			
Exports:			
Area used for producing	436		
Index numbers	415, 559		
Specified Government programs	11, 23, 54		
Value	559-565, 567-569		
Foreign trade	558-571		
Imports:			
Index numbers	415, 560		
Value	559, 565, 566, 570, 572		
<i>See also Commodities, agricultural.</i>			
Agricultural Stabilization and Conservation Programs	502-516		
Number of producers	513		
Payments to producers	513-516		
Alaska crop statistics	585		
<i>See also under specific commodities.</i>			
Alcohol, production from grains	31, 44		
Alfalfa seed:			
Area, yield, and production	274, 279, 433		
Exports	274		
Imports	274		
Prices	274, 279, 282		
Stocks	274		
Value	274, 279, 433		
Almonds:			
Imports	258		
Production, price, and value	258, 434		
Shelled, production in foreign countries	255		
Animal proteins, disappearance	55		
Animal units fed on farms	58		
Animals, big-game population and hunter harvest on national forests	544		
Apple juice, canned pack	250		
Apples:			
Canned:			
Exports	211		
Quantity	207		
Cold-storage stocks	253		
Consumption	254		
Dried:			
Exports	209		
Production	250		
Quantity	207		
Exports	209		
Exports, destination	209		
Foreign production	206		
Frozen pack	251, 252		
Frozen, quantity	207		
Imports	209		
Imports, origin	209		
Prices:			
Farm	205, 206		
Market	210		
Production	204-207, 434		
Shipments	249		
Trade, international	208		
Unloads	248		
Utilization	207		
Value	206, 434		
Varieties	205		
Applesauce, canners' stocks	253		
Apricots:			
Canned:			
Exports	212		
Quantity	211, 212		
Dried:			
Exports	212		
Production	250		
Quantity sold	211		
Fresh, exports	212		
Frozen	211, 212, 251, 252		
Prices, farm	210		
Production	204, 210-212, 434		
Shipments	249		
Apricots—Continued			
Dried—Continued			
Utilization	211, 212		
Value	210, 434		
Artichokes:			
Area, yield, and production	155, 435		
Prices and value, farm	155, 435		
Shipments	195		
Asparagus:			
Area and production	155, 156, 435		
Canned pack	197		
Frozen pack	199, 200		
Prices, farm	155, 156		
Seed, imports	286		
Shipments	195		
Yield and value	155, 435		
Avocados:			
Imports	213		
Prices, farm	212		
Production	204, 212, 434		
Shipments	249		
Value	212, 434		
Babassu oil:			
Exports and production	142		
Baby food, exports, destination	393		
Bacon, exports	346		
Balance sheet, farming sector	423		
Bananas:			
Prices	213		
Production	204, 213, 434		
Value	213, 434		
Banks:			
Federal:			
Intermediate credit, loans and discounts outstanding and made	479, 480, 482		
Land:			
Loans made	482, 483		
Loans and debt outstanding, Jan. 1	474, 476, 482, 483		
For cooperatives, loans outstanding and made	479, 480, 482		
Barley:			
Area	43, 45, 47, 48, 433		
Consumption	49		
Disaster provisions	515, 516		
Disposition	43, 46		
Exports	44, 47		
Imports	44		
Malt exports, destination	47		
Prices:			
Farm	43, 46		
Market	59		
Support operations	46		
Production	43-48, 433		
Seeding rates, per acre	283, 284		
Seed, prices paid by farmers	285		
Stocks on and off farms	43		
Supply and disappearance	44		
Utilization in alcoholic products	44		
Value	43, 46, 433		
Yield	43, 45, 47, 48, 433		
Beans:			
Dry edible:			
Area	289, 290, 433		
Consumption	196		
Crop insurance	472		
Disposition	289, 291		
Exports	292		
Prices:			
Farm	289, 291		
Market	291		
Production	289-291, 433		
Seeding rates, per acre	283, 284		
Value	289, 291, 433		
Yield	289, 290, 433		
Lima:			
Area and production	156, 157, 435		
Canned pack	197		
Frozen pack	199, 200		
Prices, farm	156, 157		
Shipments	195		
Unloads	194		
Yield and value	155-157, 435		
Snap:			
Area and production	157-159, 435		
Canned pack	197		
Consumption, canned	196, 197, 202		
Frozen pack	199, 200		
Prices, farm	157-159		
Shipments	195		
Unloads	194		
Yield and value	157-159, 435		

	Page		Page
Beans—Continued		Calves:	
<i>See also</i> Vegetable seeds.		Carcasses condemned	355
Beef:		Heifers, number, Jan. 1	299, 301
Cold-storage holdings	345	Income from, cash and gross	306-309
Consumption	350	Number born	304, 306
Prepared and processed under Federal inspection	343	Number, Jan. 1	300
Production	342, 350	Prices, farm	332
Steer, prices, market	312	Production and disposition	306-309
<i>See also</i> Beef and veal, Meats and Veal.		Receipts at livestock markets	307
Beef and veal:		Skins:	
Exports	346, 351	Exports	352, 353
Imports	347, 351	Imports	352
Production, specified countries	344, 345	Slaughter:	
Shipments to Territories	351	Farm	306-309
<i>See also</i> Beef, Meats, and Veal.		Total	307
Bees, number of colonies	93, 94	Under Federal inspection	310, 355
Beeswax:		Slaughtered, live weight:	
Imports	96	Costs	310
Prices to producers	93, 95, 96	By States	311
Production	93, 94	Cantaloups:	
Beets:		Area and production	164, 165, 435
Acreage and production	159, 160, 435	Prices, farm	164, 165
Canned pack	197	Shipments	195
Prices, farm	159, 160	Unloads	194
Shipments	195	Yield and value	164, 435
Yield and value	159, 160, 435	<i>See also</i> Melons and Muskmelons.	
<i>See also</i> Sugarbeets and Vegetable seeds.		Carcasses, whole, number condemned under Federal inspection	355
Bentgrass seed:		Carrots:	
Area, yield, and production	277, 282, 434	Area and production	165, 166, 435
Exports	277	Canned pack	197
Imports	277	Frozen pack	199, 200
Prices	277, 282	Prices, farm	165, 166
Stocks	277	Shipments	195
Value	277, 282, 434	Unloads	194
Berries:		Yield and value	165, 435
Bushberries:		<i>See also</i> Vegetable seeds.	
Area	213, 214, 434	Cascin:	
Prices	213, 214	Imports	387
Production	204, 213, 214, 434	Castor beans, imports	145
Utilization	213, 214	Castor oil:	
Value	213, 214, 434	Exports	143
Yield	213, 214, 434	Imports	145
Frozen pack	251, 252	Production	143
Bonds, rates, selected series	481	Used in drying-oil industries	147
Brazil nuts, production in Brazil	255	Cattle:	
Breakfast Program	554, 556	Brucellosis work	360
Broccoli:		Carcasses condemned	355
Area and production	160, 161, 435	Dairy-herd improvement associations	359
Frozen pack	199, 200	Hides:	
Prices, farm	160, 161	Exports	352, 353
Shipments	195, 196	Imports	352
Yield and value	160, 435	Price per pound, Chicago	351
<i>See also</i> Vegetable seeds.		Income from, cash and gross	306-309
Broilers, production, price, and income	400, 401	Number:	
Brussels sprouts:		In specified countries	303
Area and production	161, 435	Jan. 1	299-302, 424
Frozen pack	198, 200	On feed, by States	305
Prices, farm	161	Prices:	
Yield and value	161, 435	Farm	306
<i>See also</i> Vegetable seeds.		Market	306
Buffalo	303	Production and disposition	306-309
Buildings, farm, value of	419	Receipts at public stockyards	307
Bulls:		Slaughter:	
Number, Jan. 1	299, 302	Farm	306-309
Slaughter under Federal inspection	310	Number	307, 311
Butter:		Under Federal inspection	307, 310, 355
Consumption	147, 383	Slaughtered, live weight	311
Creamery:		Costs	310
Cold-storage holdings	381	By States	311
Prices, wholesale	147	Tuberculin testing	359
Production in specified countries	385	Value:	
Disappearance	383	Jan. 1	299, 300, 424
Exports	143, 388, 391	Of production	306-309, 437
Imports	387	Cauliflower:	
Prices, market	147, 384	Area and production	167, 168, 435
Production, world	143, 385	Frozen pack	199, 200
Stocks on hand, Dec. 31	382	Prices, farm	167, 168
Cabbage:		Shipments	195
Area and production	162-164, 435	Unloads	194
Prices, farm	162-164	Yield and value	168, 435
Shipments	195	<i>See also</i> Vegetable seeds.	
Shrinkage and loss	162	Celery:	
Stocks	162	Area and production	168, 169, 435
Unloads	194	Prices, farm	168, 169
Yield and value	162, 435	Shipments	195
<i>See also</i> Vegetable seeds.		Unloads	194
Cacao beans:		Yield and value	168, 435
Exports from principal countries	260	<i>See also</i> Vegetable seeds.	
Imports, origin	260	Cheese:	
Cacao butter, <i>See</i> Cocoa butter.		American, factory production	377
		Cold-storage holdings	381

Cheese—Continued	Page	Coconut oil—Continued	Page
Consumption	383	Imports	145
Disappearance	383	Prices, market	150
Exports	388, 389, 391	Production	143
Foreign production	386	Used in soap	149
Imports	387	Coffee:	
Prices, market	384	Area	261, 434
Production	377, 386	Exports from principal producing countries	262
Stocks on hand, Dec. 31	382	Imports, origin	261
Cherries:		Production	260, 434
Brined	217	Value	434
Canned	217	Yield	260, 434
Exports	216	Coir:	
Farm disposition	217	Imports	76
Foreign production	216	Cold-storage stocks:	
Frozen	217, 251, 252	Apples	253
Imports	216	Dairy products	381
Prices, farm	215	Frozen fruits	253
Production	204, 215–217, 434	Frozen orange juice	253
Shipments	249	Meats	345
Utilization	217	Poultry products	404
Value	215, 434	Vegetables	201
Chickens:		Commodities, agricultural:	
Broiler production, price, and income	400, 401	Futures	572–577
Cash income	396–398	Owned by Commodity Credit Corporation, Dec. 31	504
Commercial storage stocks	400	Purchases by Commodity Credit Corporation, costs	509, 510
Consumption	396–398, 400	Under Commodity Credit Corporation price-support loan, Dec. 31	505
Disposition	396–398	<i>See also</i> Agricultural products.	
Exports	400	Commodity Credit Corporation:	
Gross income	396–398	Cost value of export and commodity disposition	511, 512
Number in specified countries	395	Inventory transactions	509, 510
Number, Dec. 1	391–393	Loan programs	479, 480, 502–512
Participation in National Poultry Improvement Plan	399, 400	Price support:	
Prices, live weight	396–398	Commodities owned	504
Production	396–398	Commodities under loan	505
Sold, number	396–398	Granted	502
Supply and distribution	400	Operations, investments in	508
Tested for pullorum disease	405	<i>See also individual commodities.</i>	
Value:		Concentrates fed to milk cows:	
Dec. 1	391, 394	Quantity	358
Of production	396–398, 437	Value	358
<i>See also, Chicks and Poultry.</i>		Conservation, agricultural	519–531
Chicks:		Agricultural Conservation Program	519–524
Baby, prices	401, 402	Conservation and pollution abatement practices	520–524
Hatched by commercial hatcheries	401, 402	Participation and assistance	518, 519
Value	401	Great Plains Program	530, 531
Child Feeding Programs	556	Plans	529
Cigarettes:		Soil Conservation Program	525–532
Consumption	108	<i>See also</i> Soil conservation.	
Exports	108	Consumers' price index, by groups and by years	557
Manufactured	107	Consumer prices, index numbers	415
Total output	108	Consumption per capita:	
Cigars:		Apples	254
Consumption	108	Barley	49
Exports	108	Beans:	
Manufactured	107	Dry edible	196
Total output	108	Snap, canned	198
Citrus fruits:		Beef	350
Area	203	Butter	147
Consumption	254	Cheese	383
Crop insurance	472	Chewing tobacco	108
Exports	222–226	Chickens	400
Foreign production	220	Cigarettes	108
Imports	223–226	Cigars	108
Prices, farm	218, 219	Citrus fruits	254
Processed, quantity	218	Coffee, tea, and cocoa	551, 552
Production	204, 218, 434	Corn:	
Shipments	249	Canned	198
Trade, international	224–226	Cereal	49
Unloads	298	Meal	49
Value	218, 434	Sirup	49
Citrus juices:		Sugar	49
Canned pack	221, 250	Cornstarch	49
Concentrated, pack	221	Cream	384
Frozen pack	251, 252	Dairy products	551, 552
<i>See also</i> Grapefruits, Lemons, Limes, Oranges, and Tangerines.		Eggs	551, 552
Clover seed:		Fat products	148
Area and yield	274, 275, 279, 280	Fats	148
Exports	274	Fish	551, 552
Imports	274, 275	Flour	551, 552
Prices	274, 275, 279, 280, 285	Food	551, 552
Production	274, 275, 279, 280, 433, 434	Fruit juices, canned	254
Stocks	274, 275	Fruits:	
Value	274, 275, 279, 280, 433, 434	Canned	254
<i>See also</i> under specific kinds.		Dried	254
Cocoa butter:		Fresh	254, 551, 552
Exports	144		
Imports	145		
Coconut oil:			
Exports	143, 144		

Consumption per capita—Continued	Page	Corn—Continued	Page
Fruits—Continued		Sweet corn—Continued	
Frozen	254	Pack	197
Total	254, 551, 552	Frozen pack	199, 200
Grain products	49, 551, 552	Shipments	195
Grains	49	Yield and value	169
Ice cream	383	See also Vegetable seeds.	
Lamb	350	Utilization:	
Lard	148, 322, 350	Area, by States	32, 33
Margarine	148	By uses	31
Meats	350, 551, 552	In alcoholic products	31
Melons	196, 551, 552	Value	30, 34, 433
Milk:		Yield	30, 32, 33, 35, 36, 433
Condensed	383	Corn-hog price ratios	320
Dry whole	383	Cornstarch, consumption, civilian, per capita	49
Evaporated	383	Cotton:	
Fluid	382	Area	61, 62, 64, 114, 433
Nonfat dry milk	383	America Pima, carryover and ginnings, by	
Mutton	350	grade and staple length	68
Nutrients	549	Carryover	65-68
Oat products	49	Consumption	65, 74, 75
Oil products	148	Crop insurance	472
Oils	148, 551, 552	Disaster provisions	516-518
Paper	544	Disappearance and distribution	65-67
Paperboard	544	Exports	65, 69, 70, 74, 75
Peanuts	124	Exports, index numbers	561
Peas, canned	198	Foreign:	
Pork	350	Carryover	65
Potatoes	196, 199, 200, 202, 551, 554	Mill consumption	65
Poultry	551, 554	Production	64
Rice	49	Supply and distribution	65, 74, 75
Rye flour	49	Stocks	74, 75
Shortening	140	Forward contracted percentages	62
Smoking tobacco	108	Ginning costs per bale	73
Snuff	108	Ginnings	66-68
Sugar	83, 551, 552	Grade and staple length	69
Sweetpotatoes	197, 551, 552	Imports	69, 70, 74, 75
Tobacco products	108	Linters:	
Tomatoes:		Exports	73
Canned	198	Imports	70, 73
Fresh	196	Prices	73, 115
Turkeys	406	Production	73, 115
Veal	350	Supply and distribution	73
Vegetables:		Loan program, Commodity Credit	
Canned	198, 202, 551, 552	Corporation	502-507, 509-517
Fresh	196, 202, 551, 552	Micronaire readings	71
Frozen	202, 551, 552	Mill consumption	65
Total	551, 552	Payments to producers	513-516
Wheat:		Prices:	
Cereal	49	Farm	61, 63
Flour	49	Market	71, 72
Conversion factors, weights, and measures	V-IX	Support operations	63
Cooperative organizations, farmers'	489-491	Production	61-64, 433
Copa, imports	145	Seeding rates, per acre	284, 285
Corn:		Supply	65-67, 74, 75
Area	30, 32, 33, 35, 36, 435	Trade, international	69
Cereal, consumption	49	Upland:	
Consumption, total	49	Carryover, ginnings, supply and disappearance:	
Crop insurance	472	By grade	66
Disaster provisions	515, 516	By staple length	67
Disposition	30, 34	Grade index and staple length	69
Domestic shipments	195	Value index and staple length	61, 63, 433
Exports	31, 37	World:	
Imports	31	Area and production	64
Loan program, Commodity Credit		Stocks	74, 75
Corporation	502-507, 509-512	Supply and distribution	74, 75
Meal:		Yield per acre	61, 62, 433
Consumption	49	Cottonseed:	
Exports, destination	37	Cake:	
Oil:		Exports	116
Exports	143	Production	115
Prices, market	147	Crushings	115
Used in margarine and shortening	140, 141	Disposition	114
Payments to producers	515, 516, 517, 518	Exports	144
Prices:		Exports, destination	116
Farm	30, 34	Hulls, output	115
Market	59	Meal:	
Support operations	37	Exports	116
Production	30-36, 433	Prices	115
Products, consumption	49	Production	115
Seed, prices paid by farmers	285	Oil:	
Seeding rates, per acre	283, 284, 285	Exports	116, 143, 144
Sirup:		Prices	115, 147
Consumption	49	Production	115, 143
Production, exports, and consumption	97	Used in margarine	140
Stocks on and off farms	31	Used in shortening	141
Sugar consumption per capita	49	Prices, farm	114
Supply and disappearance	31	Production	114, 433
Sweet corn:		Products:	
Area, production, and farm price	169, 170	Prices and production	115
Canned:		Quality	115
Consumption	198	Seed, prices paid by farmers	284

Cottonseed—Continued	Page	Eggplant—Continued	Page
Products—Continued		Prices, farm	172, 173
Value	114, 433	Shipments	195
Cowhides:		Yield and value	172, 435
Exports	352, 353	<i>See also</i> Vegetable seeds.	
Imports	352	Eggs:	
Prices	351	Cold-storage stocks	404, 412
Cows:		Consumption	410, 411
Number, Jan. 1	299, 301	Disposition and income	410, 411
Prices, market	306	Exports	412
Slaughter under Federal inspection	310	Foreign production	410
Cows, milk:		Imports	412
Number:		Income from	410, 411
Average during year	361-363	Lay, rate	409, 410
In specified countries	365	Numbers used for hatching	412
Jan. 1	298, 300	Prices:	
Kept for milk-cow replacements	356, 357	Farm	410, 411
That have calved	356, 357	Volume buyers, New York	412
Prices, farm	376	Production	409-412
Rations	356	Products under Federal inspection	413
<i>See also</i> Cattle.		Sales	410, 411
Cranberries:		Value	410, 411, 437
Area, value, and yield	227, 434	Electricity:	
Prices, farm and quantity processed	227	Average kilowatt-hours used and monthly bill	496
Production	204, 227, 434	Electric service, central-station, farms receiving	495
Cream:		Emergency conservation measures	519
Consumption	382	Employment, farm:	
Prices, farm	368, 369, 376	Number of persons employed	428, 429
Sales from farms	361	Total	428, 429
Stocks on hand, Dec. 31	382	<i>See also</i> Labor, farm and Workers, farm.	
Credit banks, Federal intermediate.		Equipment, farm. <i>See</i> Farm equipment.	
<i>See</i> Banks, Federal intermediate credit.		Escarole-endive:	
Crimson clover seed:		Area, production, and farm price	173, 174, 435
Area, yield, and production	275, 280, 434	Shipments	195
Imports and stocks	275	Yield and value	174, 435
Prices	275, 280	Expenditures, forestry:	
Value	275, 280, 434	Cooperative forest management	538
Crop insurance programs	472, 473	Forest fire protection	538
Crop loan programs, Commodity Credit Corporation	502-512	Expenses, farm production	462
Cropland, area	417, 418	Exports:	
Crops:		Agricultural products. <i>See</i> Agricultural products, exports.	
Area	433-436	Volume, index numbers	415
Alaska	585	<i>See also</i> <i>specific commodities.</i>	
Harvested, area required	436	Family, farm:	
Value of production	433-435	Income	461
Crops, principal:		Workers	428, 429
Production, index numbers	439, 440	Farm:	
<i>See also</i> <i>specific crops.</i>		Buildings, value	420
Area harvested	433-435	Cash receipts	458, 459, 462
Area planted	436	Conservation plans, soil conservation districts	529
Value of production	433-435	Employment	428-430
Cucumbers:		Equipment:	
Area and production	171, 172, 435	Value, shipped	427
Prices, farm	171, 172	<i>See also</i> Machinery, farm.	
Shipments	195	Family. <i>See</i> Family, farm.	
Unloads	194	Forestry accomplishments	538
Yield and value	172, 437	Income. <i>See</i> Income.	
<i>See also</i> Vegetable seeds.		Labor. <i>See</i> Labor, farm.	
Currents:		Land:	
Exports, destination	231	Area	415, 416
Foreign production, dried	251	Utilization	417, 418
Frozen pack	251, 252	Value	420
Dairy statistics:		Mortgage. <i>See</i> Mortgages, farm.	
Brucellosis work	360	Operators tenure of	417
Dairy products:		<i>See also</i> Farmers.	
Cold storage holdings	381	Output, index numbers	437, 438
Disappearance	382, 383	Population. <i>See</i> Population, farm.	
Exports	388, 389, 391	Production:	
Imports	387	Expenses	462
Imports, index numbers	560	Index numbers	438-440
Income from, cash and gross	368-370	Products:	
Manufactured	377-379	Income:	
Prices:		Cash	458-460, 464
Manufacturers'	380	Gross	458, 464
Support operations	390	Nonmoney	458
Production	377-379	Prices, farm	445-448
Sales	368-370	Property:	
Stocks, manufacturers'	380	Maintenance costs	462
Stocks on hand, Dec. 31	382	Taxes	462
Herd-improvement associations	359	Value	420
Dates:		Real estate. <i>See</i> Real estate, farm.	
Dried, production	250, 434	Transfers	421, 422
Imports	226	Wage rates	431, 432
Production, farm price, and value	204, 226, 434	Farm Credit Administration:	
Debras, prices	150	Loans	479, 480, 482-484
Discounts:		Loans and discounts:	
Farm Credit Administration	482	Made	482
Federal intermediate credit banks	479, 480, 482	Outstanding	482
Economic trends	414, 415		
Eggplant:			
Area and production	172, 173, 435		

**Farmers:** Page

Cooperative associations:  
 Type, number, and membership . . . . . 489-491  
 Marketing and purchasing associations,  
 membership and business . . . . . 489-491  
 Share of retail cost for food products . . . . . 443, 444  
 See also Farm, operators

**Farmers Home Administration**  
 loans . . . . . 474, 476, 479-481, 485-488  
 Community projects . . . . . 487  
 Farming purposes . . . . . 485, 486  
 Housing . . . . . 488

**Farms:**  
 Electrified . . . . . 497  
 Number . . . . . 415-417  
 Receiving central-station electric service . . . . . 495  
 Telephones, number of farms with service . . . . . 500, 501  
 Telephone costs . . . . . 499  
 Tenure of operator . . . . . 417  
 Value, per acre, index numbers . . . . . 420, 421

**Fat products, consumption** . . . . . 148

**Fats:**  
 Consumption . . . . . 148  
 Disappearance . . . . . 141, 142  
 Exports . . . . . 141-144  
 Imports . . . . . 141, 142  
 Prepared and processed under Federal  
 inspection . . . . . 345

**Prices:**  
 Index numbers . . . . . 149  
 Wholesale . . . . . 149

**Stocks, Jan. 1** . . . . . 141, 142

**Supply and disposition** . . . . . 141, 142

**Use, food and nonfood** . . . . . 140-142, 147, 148

**Used in—**  
 Drying-oil industries . . . . . 147  
 Margarine . . . . . 140  
 Shortening . . . . . 141  
 Soap . . . . . 149

**World production** . . . . . 143  
 See also Oils, Shortening, and under specific kinds.

**Feed:**  
 Bought, cost to farm operators . . . . . 462

**Grains:**  
 Disaster provisions . . . . . 514-516  
 Exports, specified Government programs . . . . . 54  
 Prices . . . . . 59

**High-protein feed index** . . . . . 56

**Quantity consumed by livestock and  
 poultry** . . . . . 57, 58

**Feed concentrates:**  
 Fed to livestock and poultry . . . . . 56  
 Quantity fed per animal unit . . . . . 56  
 Total fed . . . . . 56

**Feed Grain Program, payments to producers** . . . . . 513-516

**Exports, index numbers** . . . . . 559

**For milk cows** . . . . . 358

**Imports, index numbers** . . . . . 560

**Feedstuffs:**  
 Commercial, disappearance . . . . . 55  
 Prices, market . . . . . 60

**Fertilizer:**  
 Bought, cost to farm operators . . . . . 462  
 Consumption . . . . . 464-466  
 Materials, sales and value . . . . . 466  
 Plant-nutrient content . . . . . 464-466

**Fescue seed:**  
 Area, yield, and production . . . . . 276, 281, 433, 434  
 Imports . . . . . 276  
 Prices . . . . . 276, 281  
 Stocks . . . . . 276  
 Value . . . . . 277, 281, 433, 434

**Fibers:**  
 Imports . . . . . 76, 77  
 See also under specific kinds.

**Field seeds. See Seeds, field.**

**Figs:**  
 Dried:  
 Imports and exports . . . . . 228  
 Production . . . . . 228, 250, 252  
 Farm price . . . . . 228  
 Production . . . . . 204, 228, 434  
 Value . . . . . 228, 434

**Filberts:**  
 Imports . . . . . 257  
 Production, price, and value . . . . . 256, 434  
 Production in foreign countries . . . . . 255

**Fires, forest:**  
 Number and area . . . . . 539  
 Protection expenditures . . . . . 538

**Fish:**  
 Consumption per capita . . . . . 551, 552

**Fish—Continued** Page

**Oil:**  
 Exports . . . . . 143  
 Production . . . . . 143  
 Used in drying-oil industries . . . . . 147  
 Packaged, fresh and frozen, production  
 by species . . . . . 579

**Fisheries, catch and disposition** . . . . . 578

**Fishery production, industrial** . . . . . 583

**Fishery products:**  
 Canned, production and value . . . . . 580  
 Exports . . . . . 582  
 Frozen, production . . . . . 579  
 Imports . . . . . 581

**Flax fiber, imports** . . . . . 76, 77

**Flaxseed:**  
 Area . . . . . 117-119, 433  
 Crop insurance . . . . . 472  
 Crushed for linseed oil . . . . . 121  
 Disposition . . . . . 117, 120  
 Exports . . . . . 118, 121, 122, 144  
 Exports, destination . . . . . 121, 122  
 Imports . . . . . 118, 121, 145

**Prices:**  
 Farm . . . . . 117, 120  
 Market . . . . . 120  
 Support operations . . . . . 120  
 Production . . . . . 117-120, 433  
 Seed, prices paid by farmers . . . . . 285  
 Seeding rates, per acre . . . . . 283, 284  
 Stocks . . . . . 117  
 Supply and disappearance . . . . . 118  
 Value . . . . . 117, 433  
 Yield per acre . . . . . 117, 118, 433  
 See also Linseed.

**Flood prevention operations:**  
 Forest Service . . . . . 532  
 Soil Conservation Service . . . . . 532

**Flour. See under specific kinds.**

**Flowers:**  
 Quantity sold . . . . . 264  
 Value of sales . . . . . 264-266

**Food:**  
 Consumption, indexes . . . . . 551  
 Consumption, pounds . . . . . 552  
 Nutrients, contributed by food groups . . . . . 550  
 Plans, cost levels . . . . . 553  
 Stamp Program . . . . . 555, 556  
 Prices, farm-to-retail spread . . . . . 443, 444  
 Products, marketing spreads . . . . . 443, 444

**Food and Nutrition Service Programs** . . . . . 554-557

**Contributions to States** . . . . . 556

**Persons participating** . . . . . 555

**Quantity and costs** . . . . . 554, 555

**Food grain prices, market** . . . . . 29

**Foreign trade. See Agricultural products,  
 foreign trade; also under specific crops.**

**Forestry statistics** . . . . . 532-544

**Fires, number, and area** . . . . . 539

**Fires, protection expenditures** . . . . . 538

**Land, farm and nonfarm** . . . . . 417, 418

**Land, total and commercial** . . . . . 533

**Products, value** . . . . . 539

**Tree distribution** . . . . . 538

**Forests. See National forests.**

**Freight-rate indexes** . . . . . 442

**Fruit:**  
 Juices, canned:  
 Consumption . . . . . 254  
 Pack . . . . . 221, 250  
 Stocks . . . . . 253  
 See also under specific kinds.  
 Nectars, canned pack . . . . . 250

**Fruits:**  
 Area, bearing . . . . . 203, 434

**Canned:**  
 Consumption . . . . . 254  
 Stocks . . . . . 253  
 Citrus and citrus products . . . . . 218-226  
 Cold-storage stocks . . . . . 253  
 Consumption . . . . . 254

**Dried:**  
 Consumption . . . . . 254  
 Foreign production . . . . . 251  
 Production . . . . . 250  
 Exports, index numbers . . . . . 559

**Frozen:**  
 Cold-storage stocks . . . . . 253  
 Consumption . . . . . 254  
 Pack . . . . . 251, 252  
 Noncitrus, production, utilization, and value . . . . . 249  
 Orders, marketing . . . . . 517

Frozen—Continued	Page	Heifers:	Page
Production	204, 434	Number, Jan. 1	299, 301
Shipments	249	Number that have calved	356, 357
Unloads	248	Slaughter under Federal inspection	310
<i>See also under specific kinds.</i>		Heifers, milk cows replacements	299, 301
Fungicides:		Hemp, imports	76, 77
Prices, wholesale	468	Henequen, imports	76, 77
Production and foreign trade	467	Hens, numbers, Dec. 1	391, 392
Futures, commodity	572-577	Hides and skins:	
Game killed in national forests	544	Exports	352
Garlic:		Imports	352
Area, production, and farm price	175, 435	Imports, index numbers	562
Yield and value	175, 435	Mink pelts produced	353, 354
Goat skins, imports	352	Prices at Chicago	351
Goats:		Hog-corn price ratio	320
Carcasses condemned	355	Hogs:	
Numbers clipped and average clip	341	Carcasses condemned	355
Slaughtered under Federal inspection	355	Income from, cash and gross	317, 318
Government payments:		Marketings	317, 318
Per farm	462	Number:	
Total	458, 460	Dec. 1	312, 313, 424
Grain products:		For breeding and market	314
Consumption	49	In specified countries	315
Exports, destination	13, 37, 40, 47	Packer and shipper purchases, weight and cost	321
Imports, index numbers	562	Prices, farm	317, 333
Grains:		Production and disposition	317, 318
Consumption, civilian	49	Receipts:	
Exports:		At interior markets	317
Destination	13, 24, 37, 40, 47, 54	At public stockyards	317
Index numbers	561	Shipments	317, 318
Feed:		Slaughter:	
Area	433, 436	Farm	317, 318
Prices, market	59	Under Federal inspection	319, 320, 355
Food, area	433, 436	Slaughtered live weight	319
Imports, index numbers	562	Value, Dec. 1	312, 424
Supply and disappearance, total	1	Value of production	437
Utilization in alcoholic products	31, 44	<i>See also Pig crop and Sows.</i>	
<i>See also under specific kinds.</i>		Honey:	
Grape juice, canned pack	250	Consumption	97
Grapefruit:		Exports	97
Canned:		Imports	97
Exports	222	Prices:	
Pack	222	Market	96
Exports	222, 223, 225	To producers	93, 95
Foreign production	220	Production	93, 94, 97
Imports	223, 225	Yield per colony of bees	93, 94
Juice, canned:		Hops:	
Blended orange and grapefruit, pack	250	Area, yield, and production	295, 296, 433
Exports	222	Exports	297
Pack	221, 250	Imports	297
Juice, Concentrated, pack	221	Prices, farm	296
Prices, farm	218	Stocks on hand	296
Processed, quantity	218	Value	296, 433
Production	204, 218, 219, 436	Horses:	
Shipments	249	Carcasses condemned	355
Trade, international	225	Slaughtered under Federal inspection	355
Unloads	248	Horses and mules, feed consumed	57
Value	218, 436	Ice cream:	
<i>See also Citrus fruits.</i>		Consumption	383
Grapes:		Disappearance	383
Dried, production (raisins)	250, 251	Production	379
Exports	231	Imports:	
Farm disposition	230	Agricultural products. <i>See Agricultural products, imports.</i>	
Frozen	251, 252	Volume, index numbers	415
Imports	231	<i>See also under specific commodities.</i>	
Prices, farm	229	Income:	
Production	204, 229, 230, 434	Cash from—	
Shipments	249	Beef	306, 309
Unloads	248	Calves	306-309, 459
Utilization	230	Cattle	306-309, 459
Value	229, 434	Chickens	396-398, 459
Grazing on national forests, number of stock and receipts	541, 543	Dairy products	368-370, 459
Great Plains Conservation Program:		Eggs	410, 411, 459
Contracts, area, and obligations	531	Farming	458-462
Practices	530	Hogs	317, 318, 459
Greens, shipments	195	Lambs	328, 329, 459
Hams:		Lard	317, 318
Exports	346	Mohair	341
Imports	342	Sheep	328, 329, 459
Hardwood, production	539	Veal	306-309
<i>See also under specific commodities.</i>		Wool	334, 336
Hay:		Disposable personal	415, 461
Area	267-270, 271, 433	Farm family	461
Disposition	267, 271	Government payments:	
Prices, farm	267, 271	Per farm	464
Production	267-272, 433	Total	458, 460
Stocks on farms	267	Gross from—	
Supply and disappearance, total and per animal unit	270	Broilers	400, 401
Value	267, 271, 433	Calves	306, 308
Yield	267-270, 433	Cattle	306, 308



Income—Continued	Page	See also Employment, farm and Workers, farm.	Page
Gross from—Continued		Ladino clover seed:	
Chickens	396, 398	Area, yield, and production	274, 280, 433
Dairy products	369, 370	Exports	274
Eggs	410, 411	Imports	274
Farming	414, 458	Prices	274, 280
Hogs	317, 318	Stocks	274
Lambs	328, 329	Value	274, 280, 433
Sheep	328, 329	Lamb:	
Turkeys	406, 407	Crop	327, 328
Gross, per farm	462	Skin, exports and imports	353, 354
National	415	See also Lamb and mutton and Meat.	
Net, farm	414, 462	Lamb and mutton:	
Nonfarm population	461	Cold-storage holdings	346
Nonmoney	458	Consumption	351
Of industrial workers, index numbers	442	Exports	347
Personal	461	Imports	348
Index numbers:		Production:	
Agricultural:		Specified countries	344, 345
Exports	415	United States	342, 350
Imports	415, 560	Shipments to Territories	351
Production	438-440	Lambs:	
Cotton, exports	559	Cash receipts	328, 329
Cropland, used for crops	439	Marketings	328, 329
Crop production	438-440	Number, Jan. 1, by classes and State	323, 324
Dairy products, imports	560	Prices:	
Farm:		Farm	328, 333
Employment	429	Market	328
Food consumption	551	Shipments	328, 334
Input	438	Slaughter:	
Labor, production per hour	440	Farm	328, 329, 331
Output	439	Under Federal inspection	331
Production	438	See also Livestock and Sheep and lambs.	
Real estate taxes	469, 470	Land utilization:	
Real estate values per acre	420, 421	Cropland, forest land, and pasture	417, 418
Wage rates	431	For census years, United States	417
Fats, prices	149	In Alaska	585
Feeds:		Special uses	417, 418
Exports	559	Lard:	
Imports	560	Consumption	142, 148, 322, 350
Freight rates	442	Exports	143, 144, 322
Fruit exports	559	Income from, cash and gross	317, 318
Grains:		Prepared and processed under Federal inspection	344
Exports	559	Prices	147
Imports	560	Production	143, 322, 342, 350
Hides, imports	560	Shipments	322
Income, of industrial workers	442	Stocks	322
Industrial production	442	Supply	322
Livestock:		Used in—	
And poultry, Jan. 1, index numbers	355	Food products	148
Production	438, 440	Margarine	140
Products, production	438, 440	Shortening	141
Oils:		Legumes, area	433
Exports	559	Lemons:	
Imports	560	Exports	223
Prices	149	Imports	223
Oilseeds, exports and imports	559, 560	Prices, farm	218
Parity ratio	451	Processed, quantity	218
Prices:		Production	204, 218, 219, 434
Consumers'	415, 557	Production, foreign	220
Paid by farmers	415, 451, 452	Shipments	249
Producer	415, 449	Trade, international	225, 226
Received by farmers	414, 449, 450	Unloads	248
Skins, imports	560	Value	218, 434
Sugar, imports	560	See also Citrus fruits.	
Taxes, per acre	471, 472	Lespedeza seed:	
Tobacco:		Area, yield, and production	275, 280, 433
Exports	559	Prices	275, 280, 285
Imports	560	Stocks	275
Wool, imports	560	Value	275, 280, 433
Industrial production, index numbers	415, 442	Lettuce:	
Insecticides:		Area, production, and farm price	175, 176
Prices, wholesale	468	Shipments	195
Production and foreign trade	467	Unloads	194
Insurance, crop	471-473	Yield and value	195
Interest rates	478-481	See also Vegetable seeds.	
International Wheat Agreement	14	Lime:	
Irrigation	419	Bought, cost to farm operators	462
Istle, imports, for consumption	76, 77	Sales and value	466
Jute imports	76, 77	Limes:	
Kale:		Imports	223
Frozen pack	199, 200	Prices, farm	218, 219
See also Vegetable seeds.		Processed, quantity	218
Kapok, imports, for consumption	76, 77	Production	204, 218, 219, 434
Kentucky bluegrass seed, merion:		Shipments	249
Area, yield, and production	281, 433	Value	218, 434
Prices	281	See also Citrus fruits.	
Value	281, 433	Linseed:	
Kentucky bluegrass seed, other than merion:		Cake and meal, exports, imports, and production	121
Production	281, 433		
Kid skins, exports and imports	352		
Labor, farm, hours used	463		

Linseed—Continued	Page	Measures—Continued	Page
Exports, destination	121, 122	Tables, explanation	IV
Meal prices	120	Meat:	
Oil:		Cold-storage holdings	345
Exports	121, 122, 143, 144	Food products, prepared and processed under Federal inspection	343
Imports	121, 145	Trade, international	348, 349
Prices, market	120, 147	<i>See also under specific kinds.</i>	
Production	121, 143	Meats:	
Stocks, June 1	121	Consumption	350
Used in drying oil industries	147	Exports	346, 348, 349
<i>See also Flaxseed.</i>		Imports	346-349
Linters. <i>See</i> Cotton, linters.		Prepared and processed under Federal inspection	343
Livestock:		Production:	
Bought, cost to farm operators	462	Specified countries	344, 345
Grazed on national forests, and receipts	541, 542	United States	342
Jan. 1, index numbers	355	Shipments to Territories	351
Number on farms	424	Mellorine, production	380
Prices	332, 333	Melons:	
Production	437	Consumption	196
Production, index numbers	438, 440	Honeydews:	
Products:		Area, production; and farm price	174
Index numbers	438, 440	Shipments	195
Production and value	437	Yield and value	174
Slaughtered under Federal inspection	355	<i>See also</i> Cantaloups and Watermelons.	
Value:		Milk:	
Of production	437	Condensed:	
Total and per head	424	Consumption	383
World. <i>See specific kinds.</i>		Disappearance	383
Loans and debt outstanding:		Exports	388, 389, 391
Agricultural, Federal and other agencies	474-477, 479-488, 492-494, 497-499, 503, 506	Exports, destination	389
Banks for cooperatives	479, 480, 482	Production	379
Commodity Credit Corporation	479, 480, 503, 506, 507	Stocks, manufacturers'	381
Economic opportunity	479, 480, 486, 487	Stocks on hand, Dec. 31	382
Emergency	479, 480, 485	Consumption	382
Farm real estate, of all operating banks	477	Disappearance	382, 383
Farm Credit System	479, 480, 482	Dry:	
Farmers' cooperative organizations	488	Nonfat:	
Farmers Home Administration	474, 476, 479, 480, 481, 485-487	Consumption	383
Federal intermediate credit banks	479, 480, 482	Disappearance	383
Federal land banks	474, 476, 482, 483	Exports	388, 389
Insurance companies	474, 476	Exports, destination	389
Interest:		Imports	387
Charges payable on debt outstanding	478	Imports, origin	387
Rates	478, 481	Prices	380
Non-real estate	479-481	Production	378, 379
Operating loans, Farmers Home Administration	479, 480, 485	Stocks, manufacturers'	381
Production credit associations	479-482, 484	Stocks on hand, Dec. 31	382
Rural Electrification Administration	479, 480, 492-494, 497-499	Whole:	
Rural Housing, Farmers Home Administration	488	Consumption	383
To associations	486, 487	Disappearance	383
To cooperatives	479, 480, 488	Exports	388, 389, 391
<i>See also under specific type of commodity.</i>		Exports, destination	389
Lumber, production	539	Imports	386
Macadamia nuts:		Prices	380
Prices	257	Stocks, manufacturers'	381
Production and value	257, 434	Stocks on hand, Dec. 31	382
Machinery, farm:		Evaporated:	
Number, Jan. 1	425	Consumption	383
Units manufactured	426	Disappearance	383
Value of shipments	427	Exports	388, 389, 391
<i>See also</i> Farm, equipment.		Exports, destination	389
Manila fiber, imports	76, 77	Prices	380
Maple products:		Production	378, 379
Sirup. <i>See</i> Sirup, maple.		Stocks, manufacturers'	381
Sugar. <i>See</i> Sugar, maple.		Stocks on hand, Dec. 31	382
Margarine:		Marketing orders, Federal	371-375
Consumption	148	Prices:	
Disappearance, domestic	139	Farm	368-370, 376
Exports	139, 144	Received by producers	368-373, 376
Manufacture, materials used	140	Retail	368
Prepared and processed under Federal inspection	343	Producer deliveries	373
Prices, wholesale	147	Producers, number	372
Production and supply	139	Production	361, 362
Marketing:		Production and utilization, specified countries	365
Agreements and orders:		Sales	368-370, 374, 375
Fruits, vegetables, and tree nuts	517	Utilization	364-367
Milk	371-375	Value	369, 370
Associations, membership and business	489-491	Milkfat:	
Bill for farm food products	445	Butter (fat content)	138
Costs	443	Percentage in milk	361-363
Spreads	443, 444	Prices, farm	368-370, 376
Marketing, farm, cash receipts	458-460, 462	Production:	
Meals. <i>See under specific kinds.</i>		Per cow	361-363
Measures:		Sales from farms	368-370
Equivalent weights	V-VII	Total	361-363
		Mill products, disappearance	55
		Mink pelts, number produced	353, 354
		Mohair:	
		Price-support operations	341

Mohair—Continued	Page
Production, price, and value	341
Molasses:	
Edible:	
Production, foreign trade, and consumption	97
Industrial:	
Production, foreign trade, and market supplies	98
Production:	
Hawaii	82
Philippines	83
United States	81, 82
Motortrucks, number on farms	425
Mules. <i>See</i> Horses and mules.	
Mushrooms:	
Area in production	263
Prices	263
Production	263
Shipments	195
Value of imports	263
Value of production	263
Mutton. <i>See</i> Lamb and mutton <i>and</i> Meats.	
National forests:	
Area, by States	537
Fires	538, 539
Forest products, value	539
Payments to States and Territories	543
Recreational use	543, 544
Stock grazed on, and receipts	541, 542
Timber cut	539
Use by hunters and fishermen	544
National income	416
National marketing bill for civilian purchases of food products	445
National Poultry Improvement Plan	399, 400
Naval stores:	
Gum:	
Market prices and value	545
<i>See also</i> Rosin <i>and</i> Turpentine.	
Nectarines:	
Disposition, use, price, and value	232, 434
Production	204, 232
Shipments	249
Nitrogen in commercial fertilizers	464-468
Nonfood Assistance Program	554
Nutrients contributed by food groups	550
Nuts:	
Area, bearing	203
Tree:	
Commercial production in foreign countries	255
Supply and utilization	255
Oatmeal:	
Consumption, civilian, per capita	49
Exports, destination	40
Oats:	
Area	38, 40, 42, 433
Consumption, civilian	49
Disposition	38, 41
Exports	39, 40
Imports	39
Prices:	
Farm	38, 41
Market	59
Support operations	39
Production	38-42, 433
Seed, prices paid by farmers	285
Seeding rates, per acre	281, 284
Stocks on and off farms	38
Supply and disappearance	39
Value	38, 41, 433
Yield	38, 40, 42, 433
Oil products, consumption	148
Oils:	
Animal:	
Used in margarine	140
Used in shortening	141
Consumption	148
Disappearance	141, 142
Exports	141-143
Imports	141, 142, 145
Prepared and processed under Federal inspection	343
Prices:	
Index numbers	149
Wholesale	147
Stocks, Jan. 1	141, 142
Supply and disposition	141, 142
Use, food and nonfood	140-142
Used in—	
Drying-oil industries	147

Oils—Continued	Page
Used in — Continued	
Margarine	140
Shortening	141
Soap	149
Vegetable:	
Exports	144
Imports, quantity	145
Used in margarine	140
Used in shortening	141
World production	143
<i>See also</i> Fats, Shortening, <i>and</i> under specific kinds.	
Oilseed cake and meal:	
Disappearance	55
Exports	144
Imports	145
<i>See also</i> under specific kinds	
Oilseeds:	
Exports	143, 144
Imports:	
Index numbers	561
Quantity	145
World production	143
Oiticica oil:	
Exports	143
Prices, wholesale	147
Production	143
Used in drying-oil industries	147
Okra, frozen pack	199, 200
Shipments	195
Oleomargarine. <i>See</i> Margarine	
Olive oil:	
Exports	143
Imports	145
Prices, wholesale	147
Production in specified countries	139
Production, world	143
Olives:	
Imports	233
Prices, farm	232
Production	204, 434
Utilization	232
Value	232, 434
Onions:	
Area and production	177, 178, 435
Exports	177
Imports	177
Prices, farm	177, 178
Shipments	195
Shrinkage and loss	177, 178
Stocks	178
Unloads	194
Yield and value	178, 435
<i>See also</i> Vegetable seeds.	
Orange juice:	
And grapefruit juice, blended, canned pack	250
Canned pack	221, 250
Concentrated pack	221
Frozen, cold-storage stocks	253
Oranges:	
Exports	223
Imports	223
Prices, farm	218
Processed, quantity	218
Production	204, 218, 219, 434
Production, foreign	220
Shipments	249
Trade, international	224
Unloads	248
Value	218, 434
<i>See also</i> Citrus fruits.	
Orchardgrass seed:	
Area, yield, and production	275, 280, 433
Imports	275
Prices	275, 280
Stocks	275
Value	275, 280, 433
Palm kernel oil:	
Exports	143
Imports	145
Production, world	143
Palm oil:	
Exports	143
Imports	145
Prices, wholesale	147
Production, world	143
Papayas:	
Prices	241
Production	204, 241, 434
Utilization	241
Value	241, 434

Paper:	Page	Peas—Continued	Page
Consumption per capita	544	Canned—Continued	
Production and consumption	544	Frozen pack	199, 200
Paperboard:		Prices, farm	178, 179
Consumption per capita	544	Shipments	195
Production and consumption	544	Unloads	194
Parity prices	445-448	Yield and value	178, 435
Parity ratio	451	<i>See also</i> Vegetable seeds.	
Parsley, shipments	195	Pecans:	
Pasture and range, condition:		Exports	258
First of month, April-December	272	Imports	258
June and September	273	Production and prices	257, 258, 434
Payments, Government	458, 460	Value	257, 434
Peaches:		Peppermint:	
Canned:		Area, production, and value	137, 138
Exports	233, 236	Yield and farm price	137, 138
Quantity	235	Pepper, green:	
Dried:		Area, production, and prices	179, 180
Exports	233	Frozen pack	199, 200
Production	250	Shipments	195
Exports	233, 236	Yield and value	179
Farm disposition	235	<i>See also</i> Vegetable seeds.	
Frozen	251, 252	Persimmons:	
Prices, farm	233, 234	Prices	241
Production	204, 233—235, 434	Production	204, 241
Production, foreign	234	Shipments	249
Shipments	249	Value	241, 434
Unloads	248	Pesticides, production and foreign trade	467
Utilization	235	Phosphate rock, sales and value	466
Value	233, 434	Phosphoric oxide in commercial fertilizers	464-466
Peanut cake and meal, stocks and production	123	Pickles:	
Peanut oil:		Canned pack	197
Exports	123, 143, 144	Stocks	172
Imports	123, 145	Pig crop	314, 315
Prices, wholesale	149	<i>See also</i> Hogs and Sows.	
Production	123, 124, 143	Pimientos, canned pack	197
Stocks	123, 124	Pineapple juice, canned pack	250
Peanuts:		Plant nutrients, consumption	464-466
Area	122, 126, 128, 433	<i>See also</i> Fertilizers.	
Consumption and exports	124	Plums:	
Crushed	123, 124	Canned:	
Disposition	122, 126	Exports	245
Foreign production	128	Quantity	242, 244
Imports	124, 145	Exports	245
Milled	123	Farm disposition	242, 243
Prices:		Frozen, commercial pack	251, 252
Cleaned and shelled, f.o.b.	127	Imports	245
Farm	122, 126	Prices, farm	242, 243
Support operations	127	Production	204, 242, 244, 434
Production	122-124, 126, 128, 433	Shipments	249
Seed, prices paid by farmers	285	Unloads	248
Seeding rates, per acre	283, 284	Utilization	242-244
Stocks on hand	123, 124	Value	242, 243, 434
Supply and disposition	124	Pollution abatement practices	520-524
Utilization, shelled	125	Pomegranates:	
Value	122, 433	Prices	241
Yield	122, 126, 433	Production	204, 241, 434
Pears:		Shipments	249
Canned:		Value	241, 434
Exports	238	Popcorn:	
Quantity	240	Area, production, and value	297, 298, 433
Dried:		Yield and farm price	297, 298
Exports	238	Poppy seed, imports	145
Production	250	Population:	
Exports	238, 239	Eating from civilian food supplies	548
Farm disposition	240	Farm	427
Imports	238	Total	427
Prices:		Pork:	
Farm	236, 237	Cold-storage holdings	345
Market	238	Consumption	350
Production	204, 236, 240, 434	Exports	346, 351
Production, foreign	237	Imports	347, 351
Shipments	249	Income from, cash and gross	317, 318
Trade, international	239	Prepared and processed under Federal inspection	343
Unloads	248	Prices, wholesale	321
Utilization	240	Production:	
Value	434	Specified countries	344, 345
Peas:		United States	342, 350
Blackeye, frozen pack	199, 200	Shipments to Territories	351
Dry:		Potash in commercial fertilizer	464-466
Area and disposition	293, 294, 295	Potatoes:	
Exports	294, 295, 296	Area	180, 181, 183, 433
Prices, farm	293, 294, 295	Consumption	196, 202
Production	292, 293, 294	Exports	186
Seeding rates, per acre	283, 284	Farm disposition	184, 185
Value	294, 295, 433	Foreign production	183
Yield	433	Frozen pack	199, 200
Green:		Imports	186
Area and production	178, 179, 435	Prices, farm	180, 181
Canned:		Production	180-185, 433
Consumption	198	Seed, prices paid by farmers	284
Pack	197		

Potatoes—Continued	Page	Real estate, farm:	Page
Seeding rates, per acre	282, 283	Debt:	
Shipments	195	Interest rates	478
Stocks	182	Outstanding, by regions and total	474
Unloads	194	Loans:	
Utilization	184	Interest charges payable	478
Value	180, 433	Farmers Home Administration	488
Yield	180, 183, 433	Of operating banks	477
Poultry:		Taxes, amount and index numbers	469, 470
Cold-storage holdings	404	Value:	
Consumption per capita	551, 552	By regions	420
Cut up under Federal inspection	404	Index number	415, 420, 421
Inspected for further processing	404	Red clover seed:	
Jan. 1, index numbers	355	Area, yield, and production	275, 280, 433
Products, cold-storage holdings	404	Exports	274
Slaughtered under Federal inspection	403	Imports	274
<i>See also Chickens, Chicks, and Turkeys.</i>		Prices	274, 279
Poultry-feed price ratios	402	Stocks	274
Price, index, consumers', by groups and years	415, 557	Value	274, 279, 433
Price support:		Refrigeration, warehouse space	584
Commodities owned	504	Rhubarb, frozen pack	199, 200
Commodities under loan	505	Rice:	
Granted by CCC	504	Area	19-21, 25, 26, 433
Operations, investment in	508	By length of grain	20-22
<i>See also individual commodities.</i>		Area, yield, and production	20, 21
Prices:		Stocks	22
For individual crops or commodities, <i>see specific commodity.</i>		Consumption, civilian	49
Consumer, index numbers	415	Disposition	19, 23
Farm product	445-448	Exports:	
Farm-retail spread	443, 444	Destination	24
Index numbers	451-454	Under specified Government programs	23
Paid by farmers	451-455	Prices:	
Parity index	451	Farm	19, 23
Producer, index numbers	415, 449	Market	29
Received by farmers, index numbers	449, 450	Support operations	24
Production:		Production	19-21, 23, 25, 26, 433
Assets	423	Products, consumption per capita	49
Credit associations, loans	479-482, 484	Seeding rates, per acre	283, 284
Expenses of farmers	419, 462	Stocks	19, 20, 22
Operating loans, Farmers Home Administration	479, 480, 485	Supply and disappearance	20
Per hour, index numbers	440	Trade, international	27, 28
Proteins (animal), disappearance	55	Value	19, 23, 433
Prune juice, canned pack	250	Yield	19-21, 25, 26, 433
Prunes:		Rosin:	
Canned:		Consumption, industrial	545, 547
Exports	245	Prices and value	545
Quantity	242, 244	Supply and distribution	547
Dried:		Rural Electrification Administration:	
Exports and imports	245	Borrowers, status of	493, 484
Production	242, 243, 251	Loans	479, 480, 492-494, 497-499
Quantity and farm price	244	Services	492-501
Exports	245	Rural Telephone Bank	497-499
Frozen:		Rye:	
Pack	251, 252	Area	15, 16, 18, 433
Quantity	244	Consumption, civilian	49
Imports	245	Disposition	15, 17
Prices, farm	242-244	Exports	16
Production	204, 242-244	Flour, consumption per capita	49
Shipments	249	Imports	16
Unloads	248	Prices:	
Utilization	242-244	Farm	15, 17
Value	242, 243	Market	29
Pullets, number, Dec. 1	391-393	Support operations	17
Pulpwood consumption	544	Production	15-18, 433
Pumpkin:		Seeding rates, per acre	283, 284
Canned pack	197	Stocks on and off farms	15
Consumption	198	Supply and disappearance	16
Frozen pack	199, 200	Utilization	16
Shipments	195	Value	15, 17, 433
<i>See also Vegetable seeds.</i>		Yield	15, 16, 18, 433
Radish, shipments	195	Ryegrass seed, all:	
Raisins:		Area, yield, and production	277, 281, 434
Exports	231	Exports	277
Imports	231	Imports	277
Production	229, 250, 252	Prices	277, 281
Rapeseed:		Stocks	277
Imports	145	Value	277, 281, 434
Oil:		Sauerkraut:	
Exports	143	Cabbage utilized	162
Imports	145	Canned pack	197
Prices, market	150	Consumption	198
Production	143	Stocks, canners' and distributors'	200
Rates of seeding, for specified crops, acre	282, 283	Sausage:	
Rations, concentrate, value per 100 lb. fed to milk cows	357, 358	Exports	346
Rations fed to milk cows	358	Imports	347
		Prepared and processed under Federal inspection	343
		School lunch programs, quantity and costs	554-557
		Seeding rate for specified crops per acre, by States	283, 284
		Seeds:	
		Area, yield, and production	273-282, 433, 434
		Bought, cost to farm operators	462

Seeds—Continued	Page	Soil, conservation—Continued	Page
Field:		State and Local appropriations	525
Prices, farm	274-282	State participation	526
Prices, paid by farmers	285	Plans	529
Stocks on hand, June 30	274-278	Practices applied	530
Imports under Federal Seed Act	286, 288	Surveys, area	527
Value	274-282, 433, 434	Soil Conservation Service:	
Vegetable. <i>See</i> Vegetable seeds.		Conservation plans	529
<i>See also under specific kinds.</i>		Flood prevention operations	532
Sesame:		Great Plains	530, 531
Oil:		Watershed improvements	532
Exports and world production	143	Sorghum:	
Prices, wholesale	150	Area	50, 52, 433
Seed, imports	145	Grain:	
Sheep:		Disaster provisions	515, 516
Marketings	328, 329	Disposition	50, 53
Number in specified countries	326	Exports	54
Number, Jan. 1	323, 324	Payments to producers	515, 516
Number on feed, Jan. 1	325	Prices, farm	50, 53
Prices:		Prices, market	59
Farm	328, 333	Stocks on and off farms	51
Market	328	Supply and disappearance	51
Shipments	328, 329	Support operations	53
Slaughter:		Production	50-53, 433
Farm	328, 329, 330, 331	Seed, prices paid by farmers	285
Under Federal inspection	331, 355	Seeding rates, per acre	283, 284
Stock sheep	325	Value	50, 53, 433
<i>See also</i> Sheep and lambs <i>and</i> Livestock.		Yield	50, 52, 433
Sheep and lambs:		Sows:	
Carcases condemned	355	Farrowing	314, 316
Number:		Packer purchases, average weight and cost	321
Jan. 1, by classes and States	323, 324, 424	<i>See also</i> Hogs <i>and</i> Pigs.	
On feed	323, 325	Soybean cake and meal:	
Shorn for wool	334-336	Cake and meal stocks, production, and	
Prices, farm	328, 333	exports	131, 134
Production, disposition, and income	328, 329	Meal, prices	133
Receipts at public stockyards	330	Soybean oil:	
Shipments	328, 329	Exports	131, 134, 143, 144
Skins:		Prices:	
Exports	352, 353	Market	133
Imports	352	Wholesale	150
Origin	352	Production	131, 143
Slaughter:		Stocks	131
Farm	328, 329, 331	Used in—	
Under Federal inspection	331, 355	Drying-oil industries	147
Value:		Margarine	140
Jan. 1	323	Shortening	141
Of production	328, 329, 437	Soybeans:	
<i>See also</i> Lambs, Livestock, <i>and</i> Sheep.		Area	129, 131, 133, 433
Shortening:		Crop insurance	474
Consumption:		Crushed	131
Civilian	140, 148	Disappearance	130
Military	140	Disposition	129, 132
Exports	140	Exports	130, 134
Manufacture, fats and oils used	141	Foreign production	133
Prices, wholesale	150	Imports	145
Production	140	Prices:	
Supply and disappearance	140	Farm	129, 132
<i>See also</i> Fats <i>and</i> Oils.		Market	133
Silk, imports	76, 77	Support operations	132
Sirup:		Production	129-133, 433
Corn:		Seed, imports	286, 288
Consumption, civilian, per capita	49	Seed, prices paid by farmers	284
Production, exports, and consumption	97	Seeding rates, per acre	282, 283
Maple:		Stocks on and off farms	129, 130
Consumption, domestic	97	Supply and disappearance	129, 433
Imports	97	Value	129, 433
Prices, farm	91, 92	Yield	129, 131, 433
Production	91, 92, 97, 433	Spearmint:	
Value	433	Area, production, and value	137, 138
Refiners' production and consumption	97	Yield and farm price	137, 138
Sugarcane:		Special Milk Program	554, 556
Production	97	Sperm Whale oil:	
Consumption	97	Exports	143
Sirups, edible:		Production, world	143
Production, foreign trade, and consumption	97	Spinach:	
Sisal, imports for consumption	76, 77	Area, production, and prices	187, 188
Skins:		Canned pack	197
Exports	352	Consumption	198
Imports	352	Frozen pack	199, 200
Imports, by country of origin	352	Shipments	195
Index numbers, imports	560	Yield and value	188
Mink pelts produced	353, 354	<i>See also</i> Vegetable seeds.	
Snuff:		Squash:	
Consumption	108	Canned pack	197
Manufactured	107	Frozen pack	199, 200
Soap, consumption	148	Shipments	195
Soap, manufacture, fats and oils used	149	<i>See also</i> Vegetable seeds.	
Softwoods, production	539	Stags, slaughter under Federal inspection	310
Soil, conservation:		Steers:	
Districts:		Beef, prices, market	306
Growth	525	Number, Jan. 1	299, 302

Steers—Continued	Page		Page
Slaughter under Federal inspection	309	Tangerine, juice, pack	221, 250
Strawberries:		Tangerines:	
Area	246	Prices, farm	218, 219
Frozen pack	251, 252	Production	204, 218, 220
Prices, farm	246, 247	Shipments	249
Production	204, 246, 247, 434	Unloads	248
Shipments	249	<i>See also</i> Citrus Fruits.	
Unloads	248	Taro:	
Utilization	246, 247	Area, production, and yield	188, 433
Value	434	Taxes:	
Sugar:		Farm real estate:	
Beet:		Amount	469, 470
Production, United States	77	Index numbers	469, 470
Production, world	84	Tea:	
Stocks, production, and deliveries	86	Exports from principal countries	263
Cane:		Imports, origin	262
Produced per ton of cane	81, 82	Telephone borrower statistics	497-499
Production:		Guarantee commitments	499
In Hawaii	82	Monthly bill	500, 501
In Philippines	83	Number of farms with service	501
In United States	81, 82	Revenues and expenses	497
Production, world	84	Temples	204, 218, 219, 249
Stocks, production, and deliveries	86	Timber:	
Stocks, receipts, meltings, and deliveries	87	Cut	539
Consumption:		Prices	541
Military and civilian, total and per capita	83	Products	540, 541
Corn, consumption, civilian, per capita	49	Removals and growth	534, 536
Exports	83, 88, 89, 91	Volume	533-535
Foreign stocks	87	Timothy seed:	
Imports	85, 88, 89, 90	Area, yield, and production	275, 280
Imports, index numbers	560	Exports	275
Maple:		Imports	275
Production	91	Prices	275, 280, 285
Marketings, by source	85	Stocks	275
Prices:		Value	275, 280, 433
Retail, United States	90	Tobacco:	
Wholesale, at New York	90	Area	99-105, 433
Production, world	84, 85	Chewing:	
Stocks, production, trade, and supply available for consumption	83	Consumption	108
Trade, international	88, 89	Manufactured	107
Sugarbeet seed:		Consumption	108
Area, yield, production, price, and value	79	Crop insurance	473
Sugarbeets:		Exports:	
Area	77, 78, 80, 433	Destination	112, 113
Prices, farm	77, 78	Index numbers	559
Production	77, 78, 80, 433	Quantity	102-105, 110, 111
Value	77, 78, 433	Imports:	
World area and production	80	Index numbers	560
Yield	77, 78, 80, 433	Origin	109
<i>See also</i> Beets.		Quantity	110, 111
Sugarcane:		Prices:	
Area	81, 82, 433	Farm	99, 102-105
Area, production, and yield:		Support operations	109
In Hawaii	82	Production	99-105, 433
In Philippines	83	Products:	
Prices, farm	81, 82	Consumption	108
Production for sugar and seed	81, 82, 433	Manufactured	107
Value	81, 82, 433	Smoking:	
Yield per acre	81, 82, 433	Consumption	108
Sunflower	135, 136, 143	Manufactured	107
Support prices, commodity	456, 457	Stocks	102-107
Sweetpotatoes:		Supply and disappearance	102-105
Area	188, 189, 433	Trade, international	110, 111
Consumption	196	Value	99, 433
Farm disposition	189, 190	World area and production	100, 101
Prices	188, 189	Yield	99-105, 433
Production	188, 189, 433	<i>See also</i> Cigarettes, Cigars, and Snuff.	
Seeding rates, per acre	284, 285	Tomato products:	
Shipments	195	Catsup exports	192
Value	188, 433	Juice:	
Yield	188, 433	Canned pack	197
Tallow:		Exports	192
Edible:		Paste:	
Exports	144	Exports	192
Prices	150	Imports	192
Production, world	143	Pulp, canned pack	197
Inedible:		Tomatoes:	
Exports	144, 146	Area and production	190-192
Factory consumption	147	Canned:	
Imports	147	Consumption	198
Prices	147	Exports	192
Production	147	Imports	192
Supply and disposition	147	Pack	197
Used in soap	149	Consumption	196
Tall oil:		Exports	192
Prices, wholesale	147	Imports	192
Used in drying-oil industries	147	Prices, farm	190-192
Used in soap	149	Shipments	195
Tampico, imports for consumption	76, 77	Yield and value	190
Tangelos	204, 218, 219, 249	<i>See also</i> Vegetable seeds.	
		Tractors, numbers on farms	425

Tractors—Continued	Page	Vegetables—Continued	Page
<i>See also</i> Machinery, farm.		Frozen:	
Trade, international:		Cold-storage stocks . . . . .	201
Apples . . . . .	208	Consumption . . . . .	202
Citrus fruit . . . . .	226-228	Pack . . . . .	199, 200
Cotton . . . . .	69	Orders, marketing . . . . .	517
Meat . . . . .	348, 349	Production . . . . .	151, 153, 435
Pears . . . . .	239	Shipments . . . . .	195
Rice . . . . .	27, 28	Unloads . . . . .	194
Sugar . . . . .	88, 89	Value . . . . .	151, 154, 435
Tobacco . . . . .	110, 111	<i>See also under specific kinds.</i>	
Wheat and flour . . . . .	12	Vetch seed, hairy:	
Wool . . . . .	339, 340	Area, yield, and production . . . . .	278, 282, 434
Transportation costs, rail and truck . . . . .	443	Imports and stocks . . . . .	278
Truck crops. <i>See</i> Vegetable crops.		Prices . . . . .	278, 282
Tung oil:		Value . . . . .	278, 279, 434
Exports and production . . . . .	143	Wages, farm:	
Imports . . . . .	145	Average earnings received . . . . .	429, 430
Prices, wholesale . . . . .	149	Rates . . . . .	431, 432
Used in drying-oil industries . . . . .	147	Index numbers . . . . .	431
Turkey-fed price ratios . . . . .	402	Walnuts, English:	
Turkeys:		Exports and imports . . . . .	259
Breeder hens, number . . . . .	405, 406	Production in foreign countries . . . . .	255
Commercial storage stocks . . . . .	406	Production, prices, and value . . . . .	259, 434
Consumption:		Warehouse space, refrigerated . . . . .	584
Per capita and total . . . . .	406	Water conservation. <i>See</i> Conservation.	
Disposition and income . . . . .	406, 407	Watermelons:	
Number raised . . . . .	407, 424	Area, production, and prices . . . . .	193
Participation in National Turkey		Shipments . . . . .	195
Improvement Plan . . . . .	399	Unloads . . . . .	194
Poult hatched . . . . .	408	Yield and value . . . . .	193
Prices . . . . .	406, 407	<i>See also</i> Melons and Vegetable seeds.	
Production . . . . .	406, 407, 437	Watershed improvements of Soil	
Sales . . . . .	406	Conservation Service . . . . .	532
Supply and distribution . . . . .	406	Weed killers, production and foreign trade . . . . .	467
Tested for pullorum disease . . . . .	405	Weights:	
Value, breeder hens, Dec. 1:		Equivalent measures . . . . .	V-VII
Per head and total . . . . .	405, 406	Tables, explanation . . . . .	IV
<i>See also</i> Poultry.		Wheat:	
Turnip greens, frozen pack . . . . .	199, 200	Area . . . . .	1, 2, 5-7, 9, 10, 433
Shipments . . . . .	195	Cereal, consumption per capita . . . . .	49
<i>See also</i> Vegetable seeds.		Consumption . . . . .	49
Turpentine:		Crop insurance . . . . .	475
Consumption . . . . .	545, 546	Disaster provisions . . . . .	514-516
Prices and value . . . . .	545	Disposition . . . . .	1, 8
Supply and distribution . . . . .	546	Exports: . . . . .	4, 11-14
<i>See also</i> Naval stores.		Specified Government programs . . . . .	11
Utilization of farm commodities:		Flour:	
Apples . . . . .	209	Consumption, civilian, per capita . . . . .	49
Apricots . . . . .	211, 212	Exports, destination . . . . .	13
Barley, in alcoholic products . . . . .	44	Prices . . . . .	29
Cherries . . . . .	217	Imports . . . . .	4, 11, 12
Corn:		International Wheat Agreement . . . . .	14
Area . . . . .	30, 32, 33	Loan program, Commodity Credit	
In alcoholic products . . . . .	31	Corporation . . . . .	502-507, 509-512
Grapes . . . . .	230	Payments to producers . . . . .	513-516
Land . . . . .	417, 418	Prices:	
Milk . . . . .	364-367	Farm . . . . .	1, 2, 8
Olives . . . . .	232	Market . . . . .	29
Peaches . . . . .	235	Support operations . . . . .	7
Pears . . . . .	240	Production . . . . .	1, 2, 4-10, 433
Plums and prunes . . . . .	242-244	Seed, price paid by farmers . . . . .	285
Total index . . . . .	437	Seeding rates, per acre . . . . .	283, 284
<i>See also individual items.</i>		Stocks:	
Value of agricultural commodities:		By classes . . . . .	4
Crops:		On and off farms . . . . .	3
Principal . . . . .	433-435	Supply and disappearance . . . . .	4
Specific. <i>See under name of specific crop.</i>		Trade, international . . . . .	12
Vegetable . . . . .	151, 154	Value . . . . .	1, 8, 433
Exports . . . . .	559-565, 567-569	Yield . . . . .	1, 2, 5-7, 9, 10, 433
Imports . . . . .	559, 560, 565, 566, 570, 571	Wood-pulp production . . . . .	544
Livestock . . . . .	424, 437	Wool:	
Veal:		Carpet, imports . . . . .	334
Consumption . . . . .	350	Consumption, total . . . . .	338
Production . . . . .	342, 350	Exports . . . . .	334, 339, 340
<i>See also</i> Beef, Beef and Veal, and Meats.		Imports:	
Vegetable fats and oils:		By grades . . . . .	338
Fats. <i>See</i> Fats, vegetable.		Index numbers . . . . .	560
Oils. <i>See</i> Oils, vegetable.		Origin . . . . .	340
Vegetable fiber, imports . . . . .	76, 77	Quantity for consumption . . . . .	334
Vegetable seeds:		Prices:	
Area and production . . . . .	287	Delivered to U.S. mills . . . . .	337
Admitted under Federal Seed Act . . . . .	286, 288	Farm . . . . .	334, 336
Stocks on hand . . . . .	287	Price-support operations . . . . .	337
Vegetables:		Production, pulled . . . . .	334
Area . . . . .	151, 152, 435	Production, shorn . . . . .	334, 336
Canned:		Production in specified countries . . . . .	335
Consumption . . . . .	198, 202	Trade, international . . . . .	339, 340
Pack . . . . .	197	Value and weight per fleece . . . . .	334, 336, 337
Stocks . . . . .	200	World production . . . . .	335
Exports, index numbers . . . . .	559	Workers, farm:	
		Average days worked . . . . .	429, 430



# INDEX

601

	Page	
Workers, farm—Continued		
Average earnings received .....	429, 430	
Hired, number and index .....	429	<i>See also Labor and Employment.</i>

\* U.S. GOVERNMENT PRINTING OFFICE: 1981 0— 343-911