



ISSN 0256-7857

# **STATISTICAL YEARBOOK OF THE REPUBLIC OF CHINA**

---

# **2010**

DIRECTORATE GENERAL OF BUDGET, ACCOUNTING AND STATISTICS  
EXECUTIVE YUAN, REPUBLIC OF CHINA  
OCTOBER 2011

**STATISTICAL YEARBOOK OF THE REPUBLIC OF CHINA  
2010**

**Edited by:** Directorate-General of Budget, Accounting and Statistics  
Executive Yuan, Republic of China  
25, Guang-ming Rd., Nantou City, Nantou County 54071, Taiwan, R.O.C.  
Tel.: 886 - 49 - 2394031  
<http://www.stat.gov.tw>  
<http://www.dgbas.gov.tw>

**Printed on:** October 2011

**Books No.:** HA4631/C441s

**E-book:** <http://eng.dgbas.gov.tw/lp.asp?CtNode=2351&CtUnit=1072&BaseDSD=36>

**Price:** NT\$ 200

**Book Agency:** The Chinese Statistical Association  
2, Guang-jhou Street, Taipei City 10065, Taiwan, R.O.C.  
Tel.: 886 - 2 - 23803656  
<http://www.stat.org.tw/>  
Postal Giro No.: 0004130-8

Government Bookstore  
209, Song-jiang Rd., Taipei City, Taiwan, R.O.C.  
Tel.: 886 - 2 - 25180207  
<http://www.govbooks.com.tw>

Wu Nan Bookstores  
6, Jhong-shan Rd., Taichung, Taiwan, R.O.C.  
Tel: 886 - 4 - 22260330  
<http://www.wunanbooks.com.tw>

This work is licensed under a Creative Commons Attribution-Noncommercial License( Taiwan / v2.5 ).  
Uses are permitted with credit to the original and for the noncommercial purpose.

GPN : 2206400002

ISSN : 0256-7857

## INTRODUCTION

This yearbook mainly uses statistical tables to report the R.O.C. social-economic development in Taiwan-Fukien Area<sup>1</sup>.

1. To facilitate international comparison, a cross-reference table of the correspondent statistical table numbers between the 53<sup>st</sup> issue of the United Nations' *Statistical Yearbook* and the R.O.C. 2010 *Statistical Yearbook* is placed before the list of contents in this publication.
2. The introduction to compilation methodology for each section of statistical tables is condensed to a maximum of two pages and put at the start of the related section.

This yearbook divided into 18 sections, and 168 tables. The table numbers contained in each section are arranged as follows :

|              |           |   |
|--------------|-----------|---|
| <i>Table</i> | 1 - 7     | Land and Climate  |
|              | 8 - 20    | Population and Housing  |
|              | 21 - 36   | Manpower  |
|              | 37 - 62   | Education, Science and Technology, Culture and Mass Communication |
|              | 63 - 68   | Health  |
|              | 69 - 80   | Environment   |
|              | 81 - 87   | Justice and Public Safety   |
|              | 88 - 93   | Social Welfare  |
|              | 94 - 106  | National Economics  |
|              | 107 - 110 | Business Activities   |
|              | 111 - 118 | Agriculture, Forestry and Fishing                                 |
|              | 119 - 123 | Industry  |
|              | 124 - 132 | Transportation, Storage and Communications                        |
|              | 133 - 146 | Finance and Insurance   |
|              | 147 - 152 | External Trade  |
|              | 153 - 155 | Revenues and Expenditures of Government                           |
|              | 156 - 162 | Prices  |
|              | 163 - 168 | Administration  |

---

<sup>1</sup>Taiwan-Fukien Area referred to Taiwan area, Fukien Province's Kinmen county and Lienchiang county.

**Corresponding Table Numbers between the 53<sup>st</sup> issue of the United Nations' Statistical Yearbook and the 2010 Statistical Yearbook of the Republic of China**

| Table Number<br>UN | Table Number<br>R.O.C. | Table Number<br>UN | Table Number<br>R.O.C. | Table Number<br>UN | Table Number<br>R.O.C. |
|--------------------|------------------------|--------------------|------------------------|--------------------|------------------------|
| 1                  | not applicable         | 33                 | not applicable         | 65                 | 131                    |
| 2                  | 8                      | 34                 | 112, 113               | 66                 | 132                    |
| 3                  | 111                    | 35                 | 112                    | 67                 | not applicable         |
| 4                  | not applicable         | 36                 | not applicable         | 68                 | 126                    |
| 5                  | 119                    | 37                 | not applicable         | 69                 | 141                    |
| 6                  | 122                    | 38                 | 121                    | 70                 | 133                    |
| 7                  | 148                    | 39                 | not applicable         | 71                 | 134                    |
| 8                  | 8, 11                  | 40                 | 112                    | 72                 | 155                    |
| 9                  | 15, 16, 17             | 41                 | 121                    | 73                 | not applicable         |
| 10                 | 165                    | 42                 | 121                    | 74                 | not applicable         |
| 11                 | 25                     | 43                 | not applicable         | 75                 | not applicable         |
| 12                 | 38, 39, 40             | 44                 | not applicable         |                    |                        |
| 13                 | 38, 39, 40             | 45                 | 121                    |                    |                        |
| 14                 | 47, 48                 | 46                 | not applicable         |                    |                        |
| 15                 | 127                    | 47                 | 121                    |                    |                        |
| 16                 | 127                    | 48                 | 121                    |                    |                        |
| 17                 | 127                    | 49                 | 121                    |                    |                        |
| 18                 | 94                     | 50                 | 121                    |                    |                        |
| 19                 | 95                     | 51                 | 121                    |                    |                        |
| 20                 | 97                     | 52                 | 122                    |                    |                        |
| 21                 | 98                     | 53                 | 122                    |                    |                        |
| 22                 | 101                    | 54                 | 1                      |                    |                        |
| 23                 | 104, 105               | 55                 | 70, 71                 |                    |                        |
| 24                 | 119, 120               | 56                 | 72, 73                 |                    |                        |
| 25                 | 135                    | 57                 | not applicable         |                    |                        |
| 26                 | 136                    | 58                 | 80                     |                    |                        |
| 27                 | 29                     | 59                 | 50                     |                    |                        |
| 28                 | 30                     | 60                 | 53                     |                    |                        |
| 29                 | 156                    | 61                 | 57                     |                    |                        |
| 30                 | 159, 160               | 62                 | 147                    |                    |                        |
| 31                 | 111                    | 63                 | 148                    |                    |                        |
| 32                 | 112                    | 64                 | 152                    |                    |                        |

## EXPLANATION OF SYMBOLS

|   |     |
|---|-----|
| Not available.....  | ... |
| None.....   | -   |
| Magnitude insignificant, i.e., less than half of the unit of measurement..... | 0   |
| Revised figure.....   | r   |
| Preliminary figure.....   | p   |
| Forecasted figure.....  | f   |
| Estimated figure.....   | e   |

Decimal figures are always preceded by a period ( . ).

Thousands and millions are separated by a space.

Significant breaks in the homogeneity of a series are indicated by a horizontal or vertical line across the column.

# CONTENTS

## INTRODUCTION

## CORRESPONDING TABLE NUMBERS BETWEEN THE 53<sup>ST</sup> ISSUE OF THE UNITED NATIONS' STATISTICAL YEARBOOK AND 2010 STATISTICAL YEARBOOK OF THE REPUBLIC OF CHINA

## EXPLANATION OF SYMBOLS

*Table* *Page*

### LAND AND CLIMATE

|  |   |
|--|---|
| Explanatory notes .....                                  | 1 |
| 1. Area, cultivated land area and forest land area ..... | 2 |
| 2. Average temperature .....                             | 3 |
| 3. Average relative humidity .....                       | 4 |
| 4. Precipitation at station .....                        | 5 |
| 5. Number of days with precipitation .....               | 6 |
| 6. Duration of sunshine .....                            | 7 |
| 7. Number of occurrence of perceptible earthquake .....  | 8 |

### POPULATION AND HOUSING

|   |    |
|---|----|
| Explanatory notes .....   | 9  |
| 8. Population by sex, rate of population increase, average persons per household, density and natural increase rate ..... | 11 |
| 9. Number and rate of birth, death, marriage and divorce .....  | 12 |
| 10. Age-specific distribution of population, dependency ratio, index of aging and median age .....                        | 13 |
| 11. Population by sex and age .....   | 14 |
| 12. Population of age 15 years and over by sex and marital status .....   | 20 |
| 13. Population of cities over 150 000 inhabitants .....   | 22 |
| 14. Population in localities over 150 000 and between 20 000 and 150 000 inhabitants .....                                | 26 |
| 15. Fertility rates for women of childbearing age .....   | 27 |
| 16. Death rates by age and sex .....  | 28 |
| 17. Life expectation by age and sex .....   | 34 |
| 18. Live births by age of mother and number of births .....   | 36 |
| 19. Household appliances saturation .....   | 38 |
| 20. Population projections (2010 - 2060) .....  | 40 |

### MANPOWER

|   |    |
|---|----|
| Explanatory notes .....   | 41 |
| 21. Important labor force status .....                                  | 43 |
| 22. Important indicators of labor force status .....                    | 44 |
| 23. Persons not in the labor force by reason for nonparticipation ..... | 45 |
| 24. Labor force by age .....  | 46 |
| 25. Employed persons by industry .....                                  | 48 |
| 26. Employed persons by occupation .....                                | 50 |
| 27. Employed persons by class of workers .....                          | 52 |

|  |    |
|--|----|
| 28. Employed persons by educational attainment .....   | 54 |
| 29. Unemployed persons and unemployment rate by educational attainment .....                   | 54 |
| 30. Average monthly earnings of employees on payrolls of establishments, by industry.....      | 56 |
| 31. Average monthly working hours of employees on payrolls of establishments, by industry..... | 56 |
| 32. Indices of labor productivity by industry .....  | 58 |
| 33. Labor unions and members by type of labor unions .....                                     | 59 |
| 34. Occupational injuries .....  | 60 |
| 35. Labor dispute.....   | 62 |
| 36. Labor turnover rates of employees by industry.....   | 64 |

## **EDUCATION, SCIENCE AND TECHNOLOGY, CULTURE AND MASS COMMUNICATION**

|  |     |
|--|-----|
| Explanatory notes .....  | 67  |
| 37. Education preceding the first level: institutions, teachers and students .....   | 69  |
| 38. Education at the first level: institutions, teachers, graduates and students.....  | 70  |
| 39. Education at the second level (general, vocational and teacher-training) : institutions, teachers,<br>graduates and students ..... | 72  |
| 40. Education at the third level: institutions, teachers, graduates and students.....  | 78  |
| 41. Education at the special and other levels: institutions, teachers, graduates and students.....                                     | 80  |
| 42. Enrollment rates by school-age population group.....   | 86  |
| 43. Net percentage of graduates entering advanced levels.....  | 87  |
| 44. Gross percentage of junior high & senior high school graduates entering advanced levels .....                                      | 88  |
| 45. Number of students per teacher at all levels.....  | 89  |
| 46. Educational attainments of population aged 25 and over.....  | 90  |
| 47. Total educational expenditures.....  | 92  |
| 48. Total educational expenditures at all level of schools.....  | 93  |
| 49. Number of foreign students in Taiwan by field of study .....   | 94  |
| 50. Research and development (R & D) personnel by occupation, expenditures for R & D.....  | 98  |
| 51. National research and development (R & D) expenditures by type of work and type of cost.....                                       | 98  |
| 52. National research and development (R & D) expenditures by sector of performance.....   | 99  |
| 53. National research and development (R & D) expenditures by source of funds .....  | 99  |
| 54. Advanced studies for scientific and technical researchers .....  | 100 |
| 55. Supporting research projects on science and technology .....   | 101 |
| 56. Science and technology output indicators .....   | 102 |
| 57. Number of patents applied and granted.....   | 103 |
| 58. Saturation rate of newspapers and magazines .....  | 104 |
| 59. General conditions of culture and mass communication.....  | 105 |
| 60. General condition of historical sites.....   | 106 |
| 61. Average entertainment expenditure per person.....  | 108 |
| 62. Saturation rate of playground and recreational apparatuses.....  | 108 |

## **HEALTH**

|  |     |
|--|-----|
| Explanatory notes .....                                      | 109 |
| 63. General conditions of medical facilities .....           | 110 |
| 64. Number of health personnel .....                         | 111 |
| 65. Health services in contracted medical institutions ..... | 112 |
| 66. Number of patients of notifiable diseases .....          | 113 |

|   |     |
|---|-----|
| 67. Death rates of the leading causes, infant and maternity ..... | 114 |
| 68. Daily nutrient consumption per capita .....                   | 116 |
| <b>ENVIRONMENT</b>  |     |
| Explanatory notes .....   | 119 |
| 69. Nature protected areas .....                                  | 120 |
| 70. Emissions of greenhouse gases by kind .....                   | 121 |
| 71. Carbon dioxide emissions .....                                | 121 |
| 72. Concentration of air pollutants .....                         | 122 |
| 73. Pollutant standard indices (PSI) .....                        | 122 |
| 74. General quality of major rivers .....                         | 124 |
| 75. Pollution level of major rivers.....                          | 125 |
| 76. Over-standard time frames of noise monitoring.....            | 126 |
| 77. Clearance of municipal solid waste by all organizations ..... | 126 |
| 78. Budget of environmental agencies .....                        | 128 |
| 79. Pollution inspection and administrative penalty.....          | 130 |
| 80. Water withdrawal.....   | 131 |
| <b>JUSTICE AND PUBLIC SAFETY</b>                                  |     |
| Explanatory notes .....   | 133 |
| 81. Offenses, offenders and cleared cases.....                    | 134 |
| 82. Burglary and larceny .....                                    | 136 |
| 83. Violent crimes .....  | 137 |
| 84. Juvenile offenders .....                                      | 138 |
| 85. Treatment of criminals by the justice .....                   | 139 |
| 86. Fire losses and casualties.....                               | 142 |
| 87. Traffic accidents.....  | 143 |
| <b>SOCIAL WELFARE</b>   |     |
| Explanatory notes .....   | 145 |
| 88. Insured persons of social insurance.....                      | 146 |
| 89. Expenditure for social assistance .....                       | 148 |
| 90. Low-income households and population.....                     | 148 |
| 91. Assistance service organizations and inmates.....             | 149 |
| 92. General conditions of nursery .....                           | 150 |
| 93. Net expenditure on social welfare.....                        | 151 |
| <b>NATIONAL ECONOMICS</b>   |     |
| Explanatory notes .....   | 153 |
| 94. Key indicators of national income.....                        | 155 |
| 95. Expenditure on the gross domestic product .....               | 156 |
| 96. Gross domestic product.....                                   | 156 |
| 97. Gross domestic product by kind of activity.....               | 158 |
| 98. National disposable income .....                              | 158 |
| 99. Capital finance .....   | 160 |
| 100. External transactions .....                                  | 160 |
| 101. Government final consumption expenditure .....               | 162 |



|   |     |
|---|-----|
| 102. Composition of private final consumption expenditure .....                 | 162 |
| 103. Gross capital formation .....  | 164 |
| 104. Disposable income, consumption expenditure and savings of households ..... | 168 |
| 105. Average family income and expenditure per household, 2010 .....            | 170 |
| 106. Transactions table at purchasers' prices( C × I ), 2009.....               | 172 |
| <b>BUSINESS ACTIVITIES</b>  |     |
| Explanatory notes .....   | 181 |
| 107. Number and sales of profit-seeking enterprises .....                       | 182 |
| 108. Number of newly registered corporations and its capital.....               | 184 |
| 109. Number of business entities existing registered .....                      | 186 |
| 110. Number of small and medium enterprises.....                                | 188 |
| <b>AGRICULTURE, FORESTRY AND FISHING</b>  |     |
| Explanatory notes .....   | 191 |
| 111. Indices of agricultural, forestry and fishery production .....             | 192 |
| 112. Quantity of major agricultural production.....                             | 194 |
| 113. Value of major agricultural production.....                                | 198 |
| 114. Production and consumption of chemical fertilizers .....                   | 202 |
| 115. Farm machine.....  | 202 |
| 116. Agricultural household, population and employment .....                    | 204 |
| 117. Available food supplies.....   | 206 |
| 118. Cultivated, forest and aquaculture land areas.....                         | 208 |
| <b>INDUSTRY</b>   |     |
| Explanatory notes .....   | 209 |
| 119. Indices of industrial production .....                                     | 210 |
| 120. Indices of manufacturing production .....                                  | 212 |
| 121. Production of major manufactured goods .....                               | 214 |
| 122. Energy .....   | 216 |
| 123. Construction of building .....   | 218 |
| <b>TRANSPORTATION, STORAGE AND COMMUNICATIONS</b>                               |     |
| Explanatory notes .....   | 219 |
| 124. Railways, highways, motor vehicles in use.....                             | 220 |
| 125. International maritime transport.....                                      | 221 |
| 126. Civil aviation.....  | 222 |
| 127. Telephones and internet .....  | 223 |
| 128. International telephone business .....                                     | 224 |
| 129. Postal service.....  | 225 |
| 130. Visitor arrivals by purpose of visit.....                                  | 225 |
| 131. Number of foreign visitor arrivals by residence.....                       | 226 |
| 132. Visitor arrivals and their average expenditures.....                       | 228 |
| <b>FINANCE AND INSURANCE</b>  |     |
| Explanatory notes .....   | 229 |
| 133. Exchange rates, monetary aggregates and reserve money .....                | 230 |
| 134. International liquidity.....   | 231 |

|   |     |
|---|-----|
| 135. Interest rates of the Central Bank .....                                     | 232 |
| 136. Stock price index and money market interest rates .....                      | 233 |
| 137. Weighted average interest rates on loans .....                               | 233 |
| 138. Consolidated assets and liabilities of monetary institution .....            | 234 |
| 139. Consolidated assets and liabilities of financial institution.....            | 234 |
| 140. Number of financial institutions.....  | 236 |
| 141. Balance of payments .....  | 238 |
| 142. Direct written premiums and direct losses by line of business.....           | 240 |
| 143. New business and business in force of life insurance industry .....          | 242 |
| 144. Benefit payments to policyholders of life insurance industry .....           | 244 |
| 145. Premium receipts of life insurance industry .....                            | 245 |
| 146. Acquisitions of investments of life insurance industry .....                 | 245 |
| <b>EXTERNAL TRADE</b>   |     |
| Explanatory notes .....   | 247 |
| 147. Value of external trade .....  | 248 |
| 148. Indices of external trade .....  | 250 |
| 149. Composition of exports and imports .....                                     | 251 |
| 150. Exports by regions and principal countries (areas) .....                     | 252 |
| 151. Imports by regions and principal countries (areas) .....                     | 254 |
| 152. Exports and imports by SITC sections .....                                   | 256 |
| <b>REVENUES AND EXPENDITURES OF GOVERNMENT</b>                                    |     |
| Explanatory notes .....   | 257 |
| 153. Net revenues and expenditures of general government.....                     | 258 |
| 154. Total net tax revenues .....   | 264 |
| 155. Government bonds: issues, redemption and outstanding volumes.....            | 268 |
| <b>PRICES</b>   |     |
| Explanatory notes .....   | 269 |
| 156. Indices of wholesale price .....   | 270 |
| 157. Indices of wholesale price by industry .....                                 | 271 |
| 158. Indices of wholesale price by stage of processing .....                      | 271 |
| 159. Indices of consumer price by commodity quality .....                         | 272 |
| 160. Indices of consumer price .....  | 273 |
| 161. Indices of import price by S.I.T.C.....                                      | 274 |
| 162. Indices of export price by S.I.T.C. ....                                     | 274 |
| <b>ADMINISTRATION</b>   |     |
| Explanatory notes .....   | 275 |
| 163. Civil service personnel by organizations.....                                | 276 |
| 164. Civil service personnel by ages .....  | 278 |
| 165. Central public office elections.....   | 280 |
| 166. Local public office elections .....  | 282 |
| 167. Technical missions sent out by the government of the Republic of China ..... | 284 |
| 168. Trainees in Japan under Taiwan-Japan technical cooperation programs .....    | 286 |

## LAND AND CLIMATE

This chapter is concerned with the land and climate in Taiwan Area. The information on land is obtained from data compiled by the Land Administration Department, the Ministry of the Interior and the Council of Agriculture, Executive Yuan. Please refer to the *Statistical Yearbook of Interior, the Republic of China* and the *Agricultural Statistics Yearbook* for details. The information on climate is obtained from data collected by the weather observatories of the Central Weather Bureau located all over Taiwan Area and published in the *Statistical Abstract of Transportation and Communications, R.O.C.* by the Department of Statistics Ministry of Transportation and Communications are the same as those reported by the Central Weather Bureau .

The size of territory of the Republic of China (Taiwan) is approximately 36,000 square kilometers. It comprises the main island of Taiwan (Taiwan Proper), the archipelagoes of Penghu, Kinmen and Matsu, as well as a number of other islands.

Taiwan proper is part of the arc that lies closest to the continent and marks the edge of the Asiatic continental shelf. Measuring nearly 400 kilometers from north to south and around 145 kilometers from east to west at its widest, it constitutes 99 percent of the area under the nation's jurisdiction. The Central Mountain Range slopes gently to a broad and fertile plain in the west. In the east, the mountains descend precipitously to the Pacific. The island's uplands are so extensive that only about one-fifth of Taiwan is arable. Shorelines are fairly straight and there are few good natural harbors. Rivers are short and useful for power generation, but not for navigation. Taiwan proper can be divided into five major physiographical regions: mountain ranges, volcanic mountains, foothills, tablelands, and coastal plains and basins.

The cultivated land refers to land under temporary and permanent crops, and can be classified into paddy field, and upland field of registered land, nonregistered land, river alluvial land, tidal land, slope land, and virgin field. Before 1995, data of forest land area is obtained from an aerial survey from 1973 to 1977 while data of 1995 was from survey from 1984 to 1993.

The Central Weather Bureau distinctively takes the responsibility for meteorological, seismological, and related marine and astronomical operations of the nation. Taiwan's climate is subtropical but pleasant. Recently, the average temperature is between 11 °C (51.8 °F) and 26 °C (78.8 °F). Summer runs from May to October, and a mild winter from December to February. Local and seasonal variations are numerous. The north is often rainy in the winter and the south in the summer. Snow is rare and falls only on the higher mountains.

Table 1. Area, cultivated land area and forest land area

km<sup>2</sup>

| Year | Area      |           |             | Cultivated <sup>1,2</sup><br>land area | Forest land area <sup>1</sup> |
|------|-----------|-----------|-------------|--|-------------------------------|
|      | Total     | Land area | Reclamation |  |                               |
| 1981 | 36 179.12 | 36 140.27 | 38.85       | 9 000.62                               | 18 651.41                     |
| 1982 | 36 179.12 | 36 140.27 | 38.85       | 8 908.30                               | 18 651.41                     |
| 1983 | 36 179.12 | 36 140.27 | 38.85       | 8 943.26                               | 18 651.41                     |
| 1984 | 36 179.12 | 36 140.27 | 38.85       | 8 916.55                               | 18 651.41                     |
| 1985 | 36 179.12 | 36 140.27 | 38.85       | 8 876.60                               | 18 651.41                     |
| 1986 | 36 181.92 | 36 143.07 | 38.85       | 8 874.51                               | 18 651.41                     |
| 1987 | 36 181.92 | 36 143.07 | 38.85       | 8 862.81                               | 18 651.41                     |
| 1988 | 36 181.92 | 36 143.07 | 38.85       | 8 949.74                               | 18 651.41                     |
| 1989 | 36 181.87 | 36 143.02 | 38.85       | 8 946.01                               | 18 651.41                     |
| 1990 | 36 181.87 | 36 143.02 | 38.85       | 8 900.90                               | 18 651.41                     |
| 1991 | 36 181.87 | 36 143.02 | 38.85       | 8 844.43                               | 18 469.70                     |
| 1992 | 36 181.87 | 36 143.02 | 38.85       | 8 759.51                               | 18 469.70                     |
| 1993 | 36 181.87 | 36 143.02 | 38.85       | 8 745.35                               | 18 662.08                     |
| 1994 | 36 181.87 | 36 143.02 | 38.85       | 8 723.07                               | 18 662.08                     |
| 1995 | 36 181.87 | 36 143.02 | 38.85       | 8 733.78                               | 21 023.12                     |
| 1996 | 36 181.87 | 36 143.02 | 38.85       | 8 721.59                               | 21 017.19                     |
| 1997 | 36 188.04 | 36 149.19 | 38.85       | 8 648.17                               | 21 017.19                     |
| 1998 | 36 188.04 | 36 149.19 | 38.85       | 8 587.56                               | 21 017.19                     |
| 1999 | 36 188.04 | 36 149.19 | 38.85       | 8 550.73                               | 21 017.19                     |
| 2000 | 36 188.04 | 36 149.19 | 38.85       | 8 514.95                               | 21 017.19                     |
| 2001 | 36 188.04 | 36 149.19 | 38.85       | 8 487.43                               | 21 017.19                     |
| 2002 | 36 188.04 | 36 149.19 | 38.85       | 8 473.34                               | 21 017.19                     |
| 2003 | 36 188.04 | 36 149.19 | 38.85       | 8 440.97                               | 21 017.19                     |
| 2004 | 36 188.04 | 36 149.19 | 38.85       | 8 355.07                               | 21 017.19                     |
| 2005 | 36 188.04 | 36 149.19 | 38.85       | 8 331.76                               | 21 017.19                     |
| 2006 | 36 188.04 | 36 149.19 | 38.85       | 8 295.27                               | 21 017.19                     |
| 2007 | 36 189.51 | 36 150.66 | 38.85       | 8 259.47                               | 21 017.19                     |
| 2008 | 36 189.51 | 36 150.66 | 38.85       | 8 223.64                               | 21 017.19                     |
| 2009 | 36 191.47 | 36 152.62 | 38.85       | 8 154.62                               | 21 017.19                     |
| 2010 | 36 191.47 | 36 152.62 | 38.85       | 8 131.25                               | 21 017.19                     |

Notes : <sup>1</sup> Data do not include Kinmen County and Lienchiang County<sup>2</sup> Cultivated land refers to land under temporary and permanent crops, and can be classified into paddy field, and upland field of registered land, nonregistered land, river alluvial land, tidal land, slope land, and virgin field.

**Table 2. Average temperature**

°C

| Year | Keelung | Danshuei | Taipei | Hsinchu | Yilan | Taichung | Hualien | Sun Moon Lake | Alishan | Kao-hsiung | Heng-chun |
|------|---------|----------|--------|---------|-------|----------|---------|---------------|---------|------------|-----------|
| 1981 | 22.1    | 22.5     | 22.5   | 22.2    | 22.3  | 22.8     | 23.1    | 19.1          | 10.9    | 25.0       | 25.2      |
| 1982 | 22.1    | 22.4     | 22.4   | 22.1    | 22.3  | 22.8     | 23.3    | 19.1          | 10.8    | 24.8       | 24.8      |
| 1983 | 22.5    | 22.7     | 22.7   | 22.5    | 22.5  | 22.9     | 23.0    | 19.1          | 10.9    | 24.7       | 24.9      |
| 1984 | 22.0    | 22.0     | 22.0   | 21.9    | 21.8  | 22.5     | 22.6    | 19.1          | 10.7    | 24.3       | 24.5      |
| 1985 | 22.3    | 22.0     | 22.6   | 22.0    | 22.1  | 22.6     | 23.1    | 19.3          | 10.8    | 24.2       | 24.7      |
| 1986 | 22.2    | 21.6     | 22.4   | 22.1    | 21.6  | 22.7     | 22.8    | 18.9          | 10.6    | 24.4       | 24.2      |
| 1987 | 22.6    | 21.9     | 23.0   | 22.5    | 22.4  | 23.1     | 23.6    | 19.6          | 11.3    | 25.1       | 25.3      |
| 1988 | 22.6    | 21.7     | 23.1   | 22.3    | 22.1  | 22.9     | 23.4    | 20.0          | 11.2    | 24.9       | 25.2      |
| 1989 | 22.3    | 21.9     | 23.1   | 22.2    | 22.0  | 22.9     | 22.9    | 19.1          | 10.4    | 24.9       | 24.8      |
| 1990 | 22.2    | 22.6     | 23.5   | 22.7    | 22.6  | 23.2     | 23.3    | 19.5          | 10.9    | 25.1       | 25.1      |
| 1991 | 22.6    | 22.3     | 23.5   | 22.5    | 22.3  | 23.5     | 23.5    | 19.4          | 11.1    | 25.3       | 25.1      |
| 1992 | 22.2    | 21.4     | 22.3   | 21.6    | 21.9  | 22.9     | 23.1    | 18.7          | 10.5    | 24.9       | 25.0      |
| 1993 | 22.7    | 22.1     | 22.7   | 22.2    | 22.3  | 23.4     | 23.4    | 19.2          | 10.9    | 25.1       | 25.2      |
| 1994 | 23.0    | 22.3     | 23.2   | 22.5    | 22.8  | 23.5     | 23.9    | 19.3          | 11.3    | 25.2       | 25.4      |
| 1995 | 22.2    | 21.6     | 22.3   | 21.9    | 22.0  | 22.9     | 23.1    | 18.8          | 10.9    | 24.6       | 24.9      |
| 1996 | 22.4    | 21.6     | 22.5   | 22.2    | 22.2  | 23.2     | 23.4    | 19.1          | 11.1    | 24.8       | 25.0      |
| 1997 | 22.5    | 21.8     | 22.5   | 22.1    | 22.4  | 23.4     | 23.3    | 19.0          | 10.9    | 25.0       | 25.0      |
| 1998 | 23.6    | 22.5     | 23.6   | 23.4    | 23.4  | 24.3     | 24.3    | 19.9          | 12.0    | 25.8       | 26.0      |
| 1999 | 22.9    | 22.3     | 23.0   | 22.5    | 22.7  | 23.7     | 23.6    | 19.3          | 11.4    | 25.2       | 25.1      |
| 2000 | 22.8    | 22.4     | 23.2   | 22.6    | 22.9  | 23.7     | 23.7    | 19.1          | 11.3    | 25.1       | 25.3      |
| 2001 | 23.0    | 22.3     | 23.3   | 22.7    | 22.8  | 23.6     | 23.7    | 19.2          | 11.5    | 25.1       | 25.2      |
| 2002 | 23.3    | 22.7     | 23.8   | 23.2    | 23.1  | 24.1     | 23.9    | 19.2          | 11.4    | 25.6       | 25.4      |
| 2003 | 23.1    | 22.4     | 23.5   | 23.0    | 22.7  | 23.9     | 23.6    | 19.3          | 11.1    | 25.4       | 25.3      |
| 2004 | 22.6    | 22.0     | 23.1   | 22.6    | 22.5  | 23.4     | 23.3    | 19.1          | 11.0    | 25.2       | 25.1      |
| 2005 | 22.3    | 22.0     | 23.3   | 22.5    | 22.6  | 23.3     | 23.4    | 19.0          | 11.6    | 25.0       | 25.0      |
| 2006 | 22.9    | 22.5     | 23.8   | 22.9    | 23.2  | 23.8     | 23.7    | 19.5          | 11.8    | 25.7       | 25.9      |
| 2007 | 22.9    | 22.5     | 23.6   | 23.1    | 23.2  | 23.8     | 23.9    | 19.5          | 11.7    | 25.5       | 25.8      |
| 2008 | 22.7    | 22.3     | 23.2   | 22.8    | 23.0  | 23.5     | 23.6    | 19.3          | 11.2    | 25.1       | 25.4      |
| 2009 | 22.7    | 22.7     | 23.4   | 23.1    | 22.9  | 23.8     | 23.8    | 19.3          | 11.6    | 25.4       | 25.4      |
| 2010 | 22.6    | 22.3     | 23.3   | 22.7    | 22.7  | 23.7     | 23.7    | 19.2          | 11.8    | 25.4       | 25.4      |

Table 3. Average relative humidity

%

| Year   | Keelung | Danshuei | Taipei | Hsinchu | Yilan | Taichung | Hualien | Sun Moon Lake | Alishan | Kao-hsiung | Heng-chun |
|--------|---------|----------|--------|---------|-------|----------|---------|---------------|---------|------------|-----------|
| 1981   | 82      | 81       | 78     | 81      | 83    | 77       | 80      | 83            | 88      | 76         | 77        |
| 1982   | 82      | 81       | 79     | 81      | 83    | 77       | 76      | 83            | 88      | 77         | 77        |
| 1983   | 83      | 80       | 80     | 81      | 82    | 77       | 79      | 83            | 87      | 77         | 78        |
| 1984   | 85      | 82       | 82     | 82      | 86    | 77       | 79      | 83            | 89      | 77         | 77        |
| 1985   | 86      | 82       | 82     | 83      | 87    | 78       | 79      | 83            | 87      | 78         | 77        |
| 1986   | 79      | 82       | 77     | 79      | 86    | 77       | 78      | 84            | 85      | 77         | 76        |
| 1987   | 80      | 84       | 77     | 80      | 85    | 78       | 76      | 82            | 82      | 78         | 74        |
| 1988   | 77      | 83       | 77     | 81      | 84    | 78       | 78      | 82            | 83      | 77         | 75        |
| 1989   | 77      | 83       | 78     | 81      | 84    | 76       | 80      | 83            | 82      | 75         | 75        |
| 1990   | 80      | 82       | 74     | 81      | 84    | 76       | 81      | 84            | 85      | 76         | 78        |
| 1991   | 80      | 80       | 73     | 80      | 84    | 75       | 78      | 83            | 85      | 73         | 76        |
| 1992   | 78      | 82       | 77     | 80      | 84    | 76       | 76      | 82            | 87      | 74         | 75        |
| 1993   | 76      | 78       | 76     | 79      | 83    | 75       | 75      | 80            | 84      | 73         | 77        |
| 1994   | 75      | 79       | 75     | 77      | 81    | 75       | 75      | 81            | 87      | 75         | 77        |
| 1995   | 76      | 80       | 74     | 77      | 83    | 74       | 78      | 79            | 88      | 75         | 76        |
| 1996   | 77      | 78       | 75     | 77      | 83    | 75       | 79      | 79            | 87      | 76         | 76        |
| 1997   | 78      | 80       | 78     | 80      | 82    | 76       | 81      | 83            | 86      | 78         | 77        |
| 1998   | 77      | 82       | 78     | 80      | 84    | 76       | 82      | 84            | 84      | 79         | 75        |
| 1999   | 76      | 78       | 77     | 77      | 85    | 75       | 80      | 82            | 83      | 78         | 75        |
| 2000 r | 79      | 81       | 79     | 80      | 84    | 78       | 81      | 82            | 87      | 78         | 76        |
| 2001   | 76      | 79       | 77     | 78      | 82    | 75       | 79      | 81            | 87      | 76         | 75        |
| 2002   | 72      | 78       | 76     | 77      | 80    | 73       | 77      | 82            | 87      | 75         | 72        |
| 2003   | 74      | 77       | 76     | 77      | 80    | 72       | 77      | 81            | 85      | 74         | 72        |
| 2004   | 74      | 80       | 75     | 78      | 77    | 73       | 77      | 82            | 83      | 73         | 71        |
| 2005   | 75      | 80       | 76     | 76      | 78    | 77       | 77      | 84            | 91      | 76         | 74        |
| 2006   | 77      | 81       | 76     | 76      | 79    | 77       | 76      | 83            | 92      | 76         | 73        |
| 2007   | 76      | 79       | 76     | 75      | 80    | 74       | 77      | 81            | 89      | 75         | 72        |
| 2008   | 76      | 78       | 75     | 75      | 76    | 75       | 78      | 80            | 89      | 75         | 74        |
| 2009   | 77      | 75       | 74     | 73      | 75    | 72       | 75      | 83            | 87      | 75         | 74        |
| 2010   | 78      | 79       | 76     | 77      | 78    | 75       | 74      | 82            | 85      | 75         | 76        |

**Table 4. Precipitation at station**

mm

| Year   | Keelung | Danshuei | Taipei | Hsinchu | Yilan | Taichung | Hualien | Sun Moon Lake | Alishan | Kao-hsiung | Heng-chun |
|--------|---------|----------|--------|---------|-------|----------|---------|---------------|---------|------------|-----------|
| 1981   | 3 799   | 2 335    | 2 290  | 2 428   | 2 781 | 2 235    | 2 229   | 2 989         | 4 117   | 2 277      | 2 329     |
| 1982   | 3 241   | 2 130    | 2 047  | 1 809   | 2 285 | 1 525    | 1 649   | 2 178         | 3 503   | 1 695      | 1 664     |
| 1983   | 3 464   | 1 988    | 2 252  | 2 345   | 2 729 | 1 743    | 1 556   | 2 500         | 4 071   | 2 231      | 1 772     |
| 1984   | 4 836   | 2 621    | 2 711  | 1 962   | 3 238 | 1 548    | 2 246   | 2 198         | 3 166   | 1 629      | 2 194     |
| 1985   | 4 323   | 2 319    | 2 488  | 1 976   | 3 280 | 2 074    | 2 496   | 2 823         | 4 133   | 1 996      | 2 418     |
| 1986   | 4 587   | 2 546    | 2 606  | 2 226   | 2 914 | 1 529    | 2 396   | 2 507         | 3 476   | 1 622      | 1 707     |
| 1987   | 4 260   | 2 270    | 2 219  | 1 488   | 2 394 | 1 394    | 2 328   | 2 432         | 3 588   | 1 554      | 2 164     |
| 1988   | 4 556   | 2 252    | 2 817  | 1 422   | 4 279 | 1 212    | 2 997   | 2 025         | 3 667   | 1 936      | 2 115     |
| 1989   | 3 598   | 2 088    | 2 269  | 1 613   | 2 885 | 1 639    | 2 230   | 2 348         | 3 655   | 1 383      | 1 960     |
| 1990   | 4 452   | 2 823    | 2 913  | 2 223   | 2 942 | 2 043    | 3 003   | 2 973         | 5 019   | 1 834      | 2 127     |
| 1991   | 3 303   | 1 535    | 2 216  | 1 207   | 2 546 | 979      | 1 795   | 1 543         | 3 094   | 1 810      | 2 450     |
| 1992   | 3 668   | 2 585    | 2 392  | 1 785   | 2 731 | 1 621    | 2 523   | 2 435         | 4 628   | 1 974      | 1 697     |
| 1993   | 3 054   | 1 487    | 1 741  | 1 353   | 1 938 | 1 111    | 989     | 1 852         | 2 642   | 1 084      | 994       |
| 1994   | 3 459   | 2 033    | 2 044  | 1 837   | 3 105 | 2 028    | 1 998   | 2 595         | 4 038   | 2 470      | 1 651     |
| 1995   | 2 882   | 1 669    | 1 717  | 1 211   | 2 291 | 1 376    | 2 182   | 2 240         | 2 673   | 1 134      | 2 099     |
| 1996   | 3 932   | 1 899    | 2 253  | 1 605   | 2 964 | 1 616    | 2 708   | 2 444         | 4 647   | 1 107      | 1 401     |
| 1997   | 3 203   | 2 079    | 2 595  | 1 960   | 1 836 | 1 976    | 1 506   | 2 438         | 3 611   | 2 118      | 1 866     |
| 1998   | 5 438   | 2 865    | 4 405  | 2 088   | 4 945 | 2 177    | 3 558   | 3 063         | 4 364   | 2 434      | 2 650     |
| 1999   | 2 747   | 1 373    | 1 958  | 1 157   | 2 197 | 1 390    | 1 677   | 2 334         | 3 075   | 2 764      | 3 100     |
| 2000 r | 5 796   | 3 008    | 3 226  | 1 937   | 4 844 | 2 045    | 3 062   | 2 357         | 4 057   | 1 991      | 2 845     |
| 2001   | 3 642   | 2 679    | 2 862  | 2 293   | 3 522 | 1 981    | 2 569   | 2 206         | 4 017   | 2 557      | 2 495     |
| 2002   | 2 607   | 1 178    | 1 346  | 1 091   | 1 651 | 1 316    | 1 062   | 1 456         | 2 197   | 1 038      | 1 614     |
| 2003   | 2 156   | 968      | 1 193  | 878     | 1 413 | 931      | 1 349   | 1 479         | 2 299   | 1 326      | 1 882     |
| 2004   | 3 886   | 2 302    | 2 830  | 2 262   | 2 557 | 2 261    | 1 983   | 2 405         | 4 192   | 1 440      | 1 550     |
| 2005   | 4 241   | 2 778    | 3 028  | 2 384   | 3 330 | 2 575    | 2 777   | 3 005         | 5 801   | 2 821      | 2 339     |
| 2006   | 3 724   | 2 591    | 2 288  | 2 128   | 2 730 | 2 172    | 1 901   | 3 229         | 5 331   | 2 046      | 1 690     |
| 2007   | 4 064   | 2 673    | 3 016  | 1 964   | 3 115 | 2 433    | 2 526   | 2 822         | 5 043   | 2 194      | 2 140     |
| 2008   | 3 674   | 2 576    | 2 969  | 2 167   | 2 846 | 2 478    | 2 312   | 3 851         | 5 887   | 2 591      | 2 005     |
| 2009   | 3 655   | 1 322    | 1 669  | 1 120   | 2 930 | 1 979    | 2 536   | 1 798         | 5 222   | 1 756      | 1 854     |
| 2010   | 3 304   | 2 070    | 2 278  | 1 605   | 2 542 | 2 054    | 1 769   | 1 932         | 3 655   | 2 161      | 2 421     |

Table 5. Number of days with precipitation

Days

| Year   | Keelung | Danshuei | Taipei | Hsinchu | Yilan | Taichung | Hualien | Sun Moon Lake | Alishan | Kao-hsiung | Heng-chun |
|--------|---------|----------|--------|---------|-------|----------|---------|---------------|---------|------------|-----------|
| 1981   | 198     | 174      | 151    | 135     | 199   | 110      | 169     | 144           | 154     | 97         | 145       |
| 1982   | 206     | 153      | 160    | 141     | 199   | 111      | 167     | 144           | 142     | 79         | 127       |
| 1983   | 218     | 178      | 183    | 146     | 204   | 131      | 171     | 183           | 174     | 114        | 147       |
| 1984   | 236     | 198      | 213    | 160     | 223   | 120      | 176     | 174           | 174     | 90         | 128       |
| 1985   | 222     | 179      | 181    | 145     | 213   | 123      | 188     | 189           | 197     | 99         | 146       |
| 1986   | 221     | 153      | 164    | 128     | 212   | 110      | 178     | 166           | 169     | 93         | 130       |
| 1987   | 204     | 146      | 155    | 122     | 190   | 111      | 154     | 151           | 157     | 79         | 108       |
| 1988   | 220     | 171      | 170    | 135     | 219   | 124      | 160     | 179           | 169     | 88         | 121       |
| 1989   | 203     | 166      | 164    | 117     | 199   | 107      | 166     | 147           | 160     | 88         | 126       |
| 1990   | 218     | 156      | 159    | 132     | 228   | 106      | 179     | 154           | 157     | 90         | 127       |
| 1991   | 200     | 152      | 157    | 117     | 186   | 93       | 145     | 141           | 155     | 88         | 108       |
| 1992   | 194     | 177      | 184    | 132     | 200   | 133      | 162     | 177           | 179     | 98         | 118       |
| 1993   | 187     | 160      | 165    | 106     | 198   | 96       | 142     | 140           | 146     | 76         | 81        |
| 1994   | 181     | 157      | 150    | 113     | 200   | 122      | 138     | 156           | 168     | 90         | 101       |
| 1995   | 187     | 161      | 157    | 111     | 183   | 105      | 137     | 140           | 149     | 78         | 98        |
| 1996   | 191     | 163      | 169    | 112     | 187   | 110      | 150     | 150           | 147     | 85         | 102       |
| 1997   | 184     | 162      | 157    | 114     | 188   | 115      | 132     | 160           | 161     | 95         | 110       |
| 1998   | 212     | 186      | 201    | 136     | 196   | 134      | 148     | 178           | 176     | 114        | 122       |
| 1999   | 206     | 157      | 163    | 104     | 216   | 119      | 146     | 164           | 163     | 105        | 130       |
| 2000 r | 216     | 179      | 188    | 128     | 230   | 119      | 164     | 161           | 169     | 95         | 123       |
| 2001   | 204     | 170      | 174    | 119     | 189   | 121      | 152     | 151           | 157     | 91         | 104       |
| 2002   | 161     | 136      | 136    | 99      | 159   | 101      | 126     | 130           | 134     | 71         | 91        |
| 2003   | 150     | 123      | 127    | 88      | 145   | 74       | 110     | 122           | 135     | 66         | 92        |
| 2004   | 168     | 146      | 155    | 115     | 169   | 94       | 122     | 129           | 131     | 69         | 82        |
| 2005   | 195     | 161      | 172    | 131     | 188   | 127      | 147     | 171           | 163     | 96         | 104       |
| 2006   | 195     | 154      | 167    | 121     | 204   | 132      | 161     | 169           | 174     | 81         | 97        |
| 2007   | 195     | 162      | 169    | 119     | 204   | 128      | 157     | 168           | 174     | 97         | 113       |
| 2008   | 187     | 144      | 168    | 122     | 194   | 126      | 185     | 160           | 177     | 96         | 105       |
| 2009   | 193     | 145      | 152    | 103     | 168   | 86       | 143     | 111           | 134     | 72         | 109       |
| 2010   | 181     | 153      | 168    | 130     | 187   | 131      | 161     | 151           | 160     | 82         | 117       |



Table 6. Duration of sunshine

Hours

| Year   | Keelung | Danshuei | Taipei | Hsinchu | Yilan | Taichung | Hualien | Sun Moon Lake | Alishan | Kao-hsiung | Heng-chun |
|--------|---------|----------|--------|---------|-------|----------|---------|---------------|---------|------------|-----------|
| 1981   | 1 250   | 1 481    | 1 415  | 1 807   | 1 322 | 2 042    | 1 394   | 1 664         | 1 747   | 2 113      | 2 528     |
| 1982   | 1 320   | 1 560    | 1 476  | 1 846   | 1 376 | 2 074    | 1 398   | 1 648         | 1 707   | 2 018      | 2 311     |
| 1983   | 1 269   | 1 497    | 1 356  | 1 810   | 1 431 | 2 012    | 1 579   | 1 632         | 1 617   | 2 104      | 2 378     |
| 1984   | 1 206   | 1 308    | 1 253  | 1 587   | 1 321 | 2 090    | 1 430   | 1 683         | 1 629   | 2 323      | 2 308     |
| 1985   | 1 154   | 1 378    | 1 292  | 1 634   | 1 325 | 2 080    | 1 428   | 1 648         | 1 497   | 2 429      | 2 198     |
| 1986   | 1 288   | 1 596    | 1 425  | 1 869   | 1 299 | 2 122    | 1 413   | 1 620         | 1 676   | 2 276      | 2 294     |
| 1987   | 1 323   | 1 679    | 1 387  | 1 728   | 1 388 | 2 173    | 1 467   | 1 739         | 1 744   | 2 237      | 2 372     |
| 1988   | 1 174   | 1 522    | 1 311  | 1 684   | 1 268 | 2 033    | 1 274   | 1 676         | 1 809   | 2 220      | 2 361     |
| 1989   | 1 175   | 1 368    | 1 353  | 1 686   | 1 292 | 2 014    | 1 410   | 1 683         | 1 747   | 2 133      | 2 251     |
| 1990   | 1 119   | 1 371    | 1 387  | 1 636   | 1 176 | 1 956    | 1 294   | 1 574         | 1 562   | 1 870      | 2 076     |
| 1991   | 1 177   | 1 373    | 1 343  | 1 613   | 1 337 | 2 066    | 1 465   | 1 615         | 1 602   | 2 124      | 2 236     |
| 1992   | 1 007   | 1 302    | 1 311  | 1 601   | 1 234 | 1 771    | 1 406   | 1 450         | 1 428   | 1 939      | 2 225     |
| 1993   | 1 188   | 1 598    | 1 463  | 1 886   | 1 436 | 2 106    | 1 500   | 1 869         | 1 624   | 2 201      | 2 259     |
| 1994   | 1 300   | 1 633    | 1 452  | 1 875   | 1 382 | 2 069    | 1 534   | 1 597         | 1 521   | 2 049      | 1 816     |
| 1995   | 1 157   | 1 528    | 1 365  | 2 003   | 1 255 | 2 025    | 1 464   | 1 682         | 1 577   | 2 139      | 1 978     |
| 1996   | 1 344   | 1 672    | 1 559  | 2 099   | 1 418 | 2 103    | 1 562   | 1 871         | 1 620   | 2 219      | 2 387     |
| 1997   | 1 267   | 1 534    | 1 362  | 1 720   | 1 387 | 2 006    | 1 388   | 1 657         | 1 477   | 1 997      | 2 088     |
| 1998   | 1 117   | 1 346    | 1 187  | 1 648   | 1 345 | 1 882    | 1 472   | 1 594         | 1 471   | 2 075      | 2 254     |
| 1999   | 1 100   | 1 454    | 1 139  | 1 697   | 1 356 | 1 942    | 1 430   | 1 519         | 1 396   | 1 939      | 2 110     |
| 2000 r | 1 204   | 1 438    | 962    | 1 682   | 1 354 | 2 032    | 1 456   | 1 535         | 1 436   | 1 949      | 2 029     |
| 2001   | 1 398   | 1 597    | 1 497  | 1 848   | 1 469 | 2 169    | 1 579   | 1 543         | 1 586   | 2 232      | 2 266     |
| 2002   | 1 573   | 1 744    | 1 624  | 1 828   | 1 515 | 2 255    | 1 586   | 1 598         | 1 519   | 2 489      | 2 350     |
| 2003   | 1 549   | 1 800    | 1 658  | 2 110   | 1 519 | 2 346    | 1 677   | 1 797         | 1 577   | 2 515      | 2 395     |
| 2004   | 1 553   | 1 786    | 1 614  | 2 016   | 1 483 | 2 250    | 1 803   | 1 799         | 1 638   | 2 574      | 2 392     |
| 2005   | 1 349   | 1 483    | 1 397  | 1 682   | 1 431 | 1 805    | 1 544   | 1 546         | 1 491   | 2 329      | 2 174     |
| 2006   | 1 312   | 1 514    | 1 382  | 1 822   | 1 441 | 1 892    | 1 483   | 1 540         | 1 338   | 2 261      | 2 294     |
| 2007   | 1 244   | 1 549    | 1 413  | 1 879   | 1 486 | 1 963    | 1 576   | 1 599         | 1 449   | 2 365      | 2 282     |
| 2008   | 1 364   | 1 717    | 1 605  | 1 949   | 1 548 | 1 953    | 1 631   | 1 625         | 1 343   | 2 283      | 2 165     |
| 2009   | 1 473   | 1 751    | 1 632  | 1 972   | 1 611 | 2 094    | 1 773   | 1 748         | 1 678   | 2 523      | 2 218     |
| 2010   | 1 303   | 1 583    | 1 507  | 1 801   | 1 615 | 1 886    | 1 677   | 1 586         | 1 508   | 2 378      | 2 036     |

Table 7. Number of occurrence of perceptible earthquake

Numbers

| Year | Total | Taipei Area | Yilan Area | Taichung Area | Hwaiien Area | Chianan Area | Taitung Area | Kaoping Area | Other Areas |
|------|-------|-------------|------------|---------------|--------------|--------------|--------------|--------------|-------------|
| 1981 | 134   | 12          | 4          | 66            | 6            | 41           | 3            | 2            |             |
| 1982 | 181   | 12          | 4          | 112           | 7            | 39           | 4            | 3            |             |
| 1983 | 118   | 10          | 6          | 46            | 8            | 43           | 5            | -            |             |
| 1984 | 78    | 12          | 3          | 31            | 4            | 27           | 1            | -            |             |
| 1985 | 118   | 24          | 7          | 48            | 8            | 30           | 1            | -            |             |
| 1986 | 761   | 66          | 5          | 638           | 8            | 43           | 1            | -            |             |
| 1987 | 141   | 8           | 2          | 89            | 10           | 29           | 1            | 2            |             |
| 1988 | 202   | 26          | 6          | 129           | 12           | 25           | 1            | 3            |             |
| 1989 | 60    | 3           | 6          | 27            | 5            | 19           | -            | -            |             |
| 1990 | 294   | 4           | 3          | 269           | 5            | 10           | 2            | 1            |             |
| 1991 | 403   | -           | 13         | 9             | 198          | 107          | 48           | 28           | -           |
| 1992 | 384   | 3           | 25         | 18            | 229          | 27           | 64           | 18           | -           |
| 1993 | 409   | 2           | 20         | 12            | 186          | 82           | 69           | 38           | -           |
| 1994 | 1 183 | 4           | 60         | 50            | 789          | 78           | 61           | 135          | 6           |
| 1995 | 1 048 | 3           | 53         | 20            | 558          | 168          | 201          | 42           | 3           |
| 1996 | 674   | 3           | 34         | 19            | 241          | 112          | 194          | 71           | -           |
| 1997 | 676   | 1           | 40         | 24            | 350          | 89           | 129          | 43           | -           |
| 1998 | 741   | 5           | 63         | 31            | 308          | 141          | 132          | 57           | 4           |
| 1999 | 2 945 | 3           | 47         | 1 265         | 659          | 666          | 98           | 207          | -           |
| 2000 | 1 457 | -           | 26         | 354           | 525          | 307          | 116          | 126          | 3           |
| 2001 | 990   | 1           | 26         | 129           | 311          | 188          | 102          | 232          | 1           |
| 2002 | 1 668 | 5           | 325        | 115           | 912          | 114          | 121          | 75           | 1           |
| 2003 | 1 207 | 3           | 30         | 68            | 362          | 143          | 539          | 60           | 2           |
| 2004 | 709   | 4           | 34         | 50            | 215          | 77           | 272          | 56           | 1           |
| 2005 | 1 105 | 5           | 156        | 37            | 618          | 77           | 167          | 44           | 1           |
| 2006 | 785   | 3           | 27         | 46            | 195          | 60           | 366          | 84           | 4           |
| 2007 | 583   | 3           | 24         | 37            | 225          | 82           | 154          | 57           | 1           |
| 2008 | 651   | 5           | 35         | 27            | 248          | 103          | 165          | 63           | 5           |
| 2009 | 792   | 10          | 49         | 71            | 435          | 87           | 99           | 39           | 2           |
| 2010 | 545   | 2           | 34         | 43            | 217          | 64           | 98           | 83           | 4           |

Notes : 1. Central Weather Bureau adopted new equipments detecting earthquake vibration from 1991.  
2. Before 1991, the figures of Taipei area include the data Yilan area.

## POPULATION AND HOUSING

This chapter is concerned with population and housing. On the front of population, it contains information on population growth as well as the current status and projections of population. The population projections are obtained from the *Population Projections for Taiwan : 2010 to 2060* prepared by the Manpower Planning Department of Council for Economic Planning and Development, Executive Yuan. Other population statistics come from the *Demographic Fact Book*, the *Demography Quarterly*, the *Monthly Bulletin of Interior Statistics*, and the *Statistical Yearbook of Interior*, published by the Ministry of the Interior. Data on living standards of households are obtained from the *Report on the Survey of Family Income and Expenditure*, published by the Directorate General of Budget, Accounting and Statistics, Executive Yuan.

The population statistics mainly come from the household registration. According to the provisions of laws and regulations, the registered population refers to all of the R.O.C. nationals maintaining household registration in Taiwan-Fukien Area. The demographic data can be divided into two kinds, i.e., year-end static population data and year-round dynamic population data. The static data are defined as those collected during a particular reference period of time; those collected by continuous registration are called dynamic data. Thus, the former includes such population data as household, age-sex composition, education, marital status, and population density; the latter comprises data of birth, death, marriage, divorce and migration. All of the static population data are conducted from the outcome of household registration. The standard day of the statistics is on December 31. All of the dynamic data are calculated in accordance with the records of the application forms of those vital events. The standard period of the statistics is from January 1 to December 31 in the year.

The population projection, designed to provide data required by the government in drawing up its national economic plans as well as in formulating its policies, adopts the cohort-component approach by which moving projection is calculated separately for each age group with a compute program derived from one used by the US. Census Bureau in its projection of population for a specific age.

Fertility Rates -- Four kinds of fertility rates are presented in this section, i.e., general fertility rate, total fertility rate, gross reproduction rate, and net reproduction rate. The general fertility rate refers to the number of live births per thousand of mid-year childbearing age women (aged 15 to 49). The total fertility rate refers to the birth rate derived from the total number of births likely to come out from the current generation of childbearing age women during their childbearing period without death. The gross reproduction rate refers to the number of live female infants given by every 1,000 childbearing age women

during their childbearing period. The net reproduction rate refers to the number of live female infants given by every 1,000 childbearing women surviving during their childbearing period.

**Table 8. Population by sex, rate of population increase, average persons per household, density and natural increase rate**

| End of Year | Population |            |            | Annual rate of increase (%) | Sex ratio (Female=100) | Average persons per household | Density (Persons/km <sup>2</sup> ) | Natural increase rate (‰) |
|-------------|------------|------------|------------|-----------------------------|------------------------|-------------------------------|------------------------------------|---------------------------|
|             | Both sexes | Male       | Female     |                             |                        |                               |                                    |                           |
| 1981        | 18 193 955 | 9 479 508  | 8 714 447  | 1.84                        | 108.8                  | 4.66                          | 502.9                              | 18.13                     |
| 1982        | 18 515 754 | 9 636 285  | 8 879 469  | 1.77                        | 108.5                  | 4.58                          | 511.8                              | 17.31                     |
| 1983        | 18 790 538 | 9 769 572  | 9 020 966  | 1.48                        | 108.3                  | 4.52                          | 519.4                              | 15.68                     |
| 1984        | 19 069 194 | 9 904 853  | 9 164 341  | 1.48                        | 108.1                  | 4.48                          | 527.1                              | 14.85                     |
| 1985        | 19 313 825 | 10 023 344 | 9 290 481  | 1.28                        | 107.9                  | 4.42                          | 533.8                              | 13.23                     |
| 1986        | 19 509 082 | 10 114 710 | 9 394 372  | 1.01                        | 107.7                  | 4.34                          | 539.2                              | 11.03                     |
| 1987        | 19 725 010 | 10 217 434 | 9 507 576  | 1.11                        | 107.5                  | 4.24                          | 545.2                              | 11.10                     |
| 1988        | 19 954 397 | 10 328 081 | 9 626 316  | 1.16                        | 107.3                  | 4.14                          | 551.5                              | 12.09                     |
| 1989        | 20 156 587 | 10 424 102 | 9 732 485  | 1.01                        | 107.1                  | 4.06                          | 557.1                              | 10.57                     |
| 1990        | 20 401 305 | 10 540 635 | 9 860 670  | 1.21                        | 106.9                  | 4.00                          | 563.9                              | 11.34                     |
| 1991        | 20 605 831 | 10 640 276 | 9 965 555  | 1.00                        | 106.8                  | 3.94                          | 569.5                              | 10.52                     |
| 1992        | 20 802 622 | 10 734 609 | 10 068 013 | 0.96                        | 106.6                  | 3.88                          | 575.0                              | 10.20                     |
| 1993        | 20 995 416 | 10 824 161 | 10 171 255 | 0.93                        | 106.4                  | 3.82                          | 580.3                              | 10.27                     |
| 1994        | 21 177 874 | 10 907 032 | 10 270 842 | 0.87                        | 106.2                  | 3.75                          | 585.3                              | 9.91                      |
| 1995        | 21 357 431 | 10 990 657 | 10 366 774 | 0.85                        | 106.0                  | 3.67                          | 590.3                              | 9.90                      |
| 1996        | 21 525 433 | 11 065 798 | 10 459 635 | 0.79                        | 105.8                  | 3.57                          | 594.9                              | 9.47                      |
| 1997        | 21 742 815 | 11 163 764 | 10 579 051 | 1.01                        | 105.5                  | 3.50                          | 600.8                              | 9.48                      |
| 1998        | 21 928 591 | 11 243 408 | 10 685 183 | 0.85                        | 105.2                  | 3.44                          | 606.0                              | 6.79                      |
| 1999        | 22 092 387 | 11 312 728 | 10 779 659 | 0.75                        | 105.0                  | 3.38                          | 610.5                              | 7.16                      |
| 2000        | 22 276 672 | 11 392 050 | 10 884 622 | 0.83                        | 104.7                  | 3.33                          | 615.6                              | 8.08                      |
| 2001        | 22 405 568 | 11 441 651 | 10 963 917 | 0.58                        | 104.4                  | 3.29                          | 619.1                              | 5.94                      |
| 2002        | 22 520 776 | 11 485 409 | 11 035 367 | 0.51                        | 104.1                  | 3.25                          | 622.3                              | 5.29                      |
| 2003        | 22 604 550 | 11 515 062 | 11 089 488 | 0.37                        | 103.8                  | 3.21                          | 624.6                              | 4.27                      |
| 2004        | 22 689 122 | 11 541 585 | 11 147 537 | 0.37                        | 103.5                  | 3.16                          | 627.0                              | 3.59                      |
| 2005        | 22 770 383 | 11 562 440 | 11 207 943 | 0.36                        | 103.2                  | 3.12                          | 629.2                              | 2.92                      |
| 2006        | 22 876 527 | 11 591 707 | 11 284 820 | 0.47                        | 102.7                  | 3.09                          | 632.2                              | 3.01                      |
| 2007        | 22 958 360 | 11 608 767 | 11 349 593 | 0.36                        | 102.3                  | 3.06                          | 634.4                              | 2.76                      |
| 2008        | 23 037 031 | 11 626 351 | 11 410 680 | 0.34                        | 101.9                  | 3.01                          | 636.6                              | 2.40                      |
| 2009        | 23 119 772 | 11 636 734 | 11 483 038 | 0.36                        | 101.3                  | 2.96                          | 638.8                              | 2.07                      |
| 2010        | 23 162 123 | 11 635 225 | 11 526 898 | 0.18                        | 100.9                  | 2.92                          | 640.0                              | 0.91                      |

**Notes :** All figures are based on the household registration data at the end of year.

**Table 9. Number and rate of birth, death, marriage and divorce**

| Year | Birth            |                      | Death            |                      | Married |   | Divorced |  |
|------|------------------|----------------------|------------------|----------------------|---------|---|----------|--|
|      | Number (persons) | Crude birth rate (‰) | Number (persons) | Crude death rate (‰) | Couples | Crude marriage rate (couples per 1000 pop.) | Couples  | Crude divorce rate (couples per 1000 pop.) |
| 1981 | 414 069          | 22.97                | 87 192           | 4.84                 | 167 496 | 9.29  | 14 884   | 0.83                                       |
| 1982 | 405 263          | 22.08                | 87 578           | 4.77                 | 162 103 | 8.83  | 16 954   | 0.92                                       |
| 1983 | 383 439          | 20.56                | 90 951           | 4.88                 | 158 634 | 8.50  | 17 528   | 0.94                                       |
| 1984 | 371 008          | 19.60                | 89 915           | 4.75                 | 155 364 | 8.21  | 19 023   | 1.00                                       |
| 1985 | 346 208          | 18.04                | 92 348           | 4.81                 | 153 832 | 8.02  | 21 165   | 1.10                                       |
| 1986 | 309 230          | 15.93                | 95 057           | 4.90                 | 145 854 | 7.51  | 22 385   | 1.15                                       |
| 1987 | 314 024          | 16.01                | 96 319           | 4.91                 | 146 312 | 7.46  | 23 061   | 1.18                                       |
| 1988 | 342 031          | 17.24                | 102 113          | 5.15                 | 155 548 | 7.84  | 25 012   | 1.26                                       |
| 1989 | 315 299          | 15.72                | 103 288          | 5.15                 | 158 203 | 7.89  | 25 102   | 1.25                                       |
| 1990 | 335 618          | 16.55                | 105 669          | 5.21                 | 142 943 | 7.05  | 27 451   | 1.35                                       |
| 1991 | 321 932          | 15.70                | 106 284          | 5.18                 | 162 972 | 7.95  | 28 298   | 1.38                                       |
| 1992 | 321 632          | 15.53                | 110 516          | 5.34                 | 169 461 | 8.18  | 29 205   | 1.41                                       |
| 1993 | 325 613          | 15.58                | 110 901          | 5.31                 | 157 780 | 7.55  | 30 200   | 1.45                                       |
| 1994 | 322 938          | 15.31                | 113 866          | 5.40                 | 170 864 | 8.10  | 31 899   | 1.51                                       |
| 1995 | 329 581          | 15.50                | 119 112          | 5.60                 | 160 249 | 7.53  | 33 358   | 1.57                                       |
| 1996 | 325 545          | 15.18                | 122 489          | 5.71                 | 169 424 | 7.90  | 35 875   | 1.67                                       |
| 1997 | 326 002          | 15.07                | 121 000          | 5.59                 | 166 216 | 7.68  | 38 986   | 1.80                                       |
| 1998 | 271 450          | 12.43                | 123 180          | 5.64                 | 145 976 | 6.69  | 43 603   | 2.00                                       |
| 1999 | 283 661          | 12.89                | 126 113          | 5.73                 | 173 209 | 7.87  | 49 003   | 2.23                                       |
| 2000 | 305 312          | 13.76                | 125 958          | 5.68                 | 181 642 | 8.19  | 52 670   | 2.37                                       |
| 2001 | 260 354          | 11.65                | 127 647          | 5.71                 | 170 515 | 7.63  | 56 538   | 2.53                                       |
| 2002 | 247 530          | 11.02                | 128 636          | 5.73                 | 172 655 | 7.69  | 61 213   | 2.73                                       |
| 2003 | 227 070          | 10.06                | 130 801          | 5.80                 | 171 483 | 7.60  | 64 866   | 2.87                                       |
| 2004 | 216 419          | 9.56                 | 135 092          | 5.97                 | 131 453 | 5.80  | 62 796   | 2.77                                       |
| 2005 | 205 854          | 9.06                 | 139 398          | 6.13                 | 141 140 | 6.21  | 62 571   | 2.75                                       |
| 2006 | 204 459          | 8.96                 | 135 839          | 5.95                 | 142 669 | 6.25  | 64 540   | 2.83                                       |
| 2007 | 204 414          | 8.92                 | 141 111          | 6.16                 | 135 041 | 5.89  | 58 518   | 2.55                                       |
| 2008 | 198 733          | 8.64                 | 143 624          | 6.25                 | 154 866 | 6.73  | 55 995   | 2.43                                       |
| 2009 | 191 310          | 8.29                 | 143 582          | 6.22                 | 117 099 | 5.07  | 57 223   | 2.48                                       |
| 2010 | 166 886          | 7.21                 | 145 772          | 6.30                 | 138 819 | 6.00  | 58 115   | 2.51                                       |

Notes : The rates are in per thousand of the estimated midyear population.

**Table 10. Age-specific distribution of population, dependency ratio, index of aging and median age**

%

| End of Year | Age-specific distribution |       |      | Dependency ratio | Index of ageing | Median age <sup>1</sup> (Year) |
|-------------|---------------------------|-------|------|------------------|-----------------|--------------------------------|
|             | 0-14                      | 15-64 | 65+  |                  |                 |                                |
| 1981        | 31.6                      | 64.0  | 4.4  | 56               | 14.0            | 23.3                           |
| 1982        | 31.2                      | 64.2  | 4.6  | 56               | 14.6            | 23.6                           |
| 1983        | 30.8                      | 64.5  | 4.7  | 55               | 15.2            | 24.0                           |
| 1984        | 30.2                      | 64.9  | 4.9  | 54               | 16.1            | 24.4                           |
| 1985        | 29.6                      | 65.3  | 5.1  | 53               | 17.1            | 24.9                           |
| 1986        | 29.0                      | 65.7  | 5.3  | 52               | 18.2            | 25.3                           |
| 1987        | 28.4                      | 66.1  | 5.5  | 51               | 19.5            | 25.8                           |
| 1988        | 28.0                      | 66.3  | 5.7  | 51               | 20.5            | 26.3                           |
| 1989        | 27.5                      | 66.5  | 6.0  | 50               | 21.7            | 26.8                           |
| 1990        | 27.1                      | 66.7  | 6.2  | 50               | 23.0            | 27.2                           |
| 1991        | 26.3                      | 67.1  | 6.5  | 49               | 24.8            | 27.7                           |
| 1992        | 25.8                      | 67.4  | 6.8  | 48               | 26.4            | 28.2                           |
| 1993        | 25.2                      | 67.8  | 7.1  | 48               | 28.2            | 28.7                           |
| 1994        | 24.4                      | 68.2  | 7.4  | 47               | 30.2            | 29.1                           |
| 1995        | 23.8                      | 68.6  | 7.6  | 46               | 32.1            | 29.6                           |
| 1996        | 23.1                      | 69.0  | 7.9  | 45               | 34.0            | 30.1                           |
| 1997        | 22.6                      | 69.3  | 8.1  | 44               | 35.7            | 30.5                           |
| 1998        | 22.0                      | 69.8  | 8.3  | 43               | 37.6            | 31.2                           |
| 1999        | 21.4                      | 70.1  | 8.4  | 43               | 39.4            | 31.6                           |
| 2000        | 21.1                      | 70.3  | 8.6  | 42               | 40.9            | 32.1                           |
| 2001        | 20.8                      | 70.4  | 8.8  | 42               | 42.3            | 32.6                           |
| 2002        | 20.4                      | 70.6  | 9.0  | 42               | 44.2            | 33.1                           |
| 2003        | 19.8                      | 70.9  | 9.2  | 41               | 46.6            | 33.6                           |
| 2004        | 19.3                      | 71.2  | 9.5  | 40               | 49.0            | 34.1                           |
| 2005        | 18.7                      | 71.6  | 9.7  | 40               | 52.0            | 34.7                           |
| 2006        | 18.1                      | 71.9  | 10.0 | 39               | 55.2            | 35.2                           |
| 2007        | 17.6                      | 72.2  | 10.2 | 38               | 58.1            | 35.8                           |
| 2008        | 17.0                      | 72.6  | 10.4 | 38               | 61.5            | 36.3                           |
| 2009        | 16.3                      | 73.0  | 10.6 | 37               | 65.1            | 36.8                           |
| 2010        | 15.7                      | 73.6  | 10.7 | 36               | 68.6            | 37.4                           |

Notes : <sup>1</sup> Data were computed by estimated midyear population.  
All figures are based on the household registration data at the end of year.

Table 11. Population

| End of Year |            |           |           |           |           |           |           |           |           |           |
|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|             | All ages   | 0-4       | 5-9       | 10-14     | 15-19     | 20-24     | 25-29     | 30-34     | 35-39     | 40-44     |
| 1981        | 18 193 955 | 1 992 998 | 1 864 939 | 1 896 420 | 2 003 755 | 1 939 667 | 1 772 888 | 1 340 681 | 886 566   | 906 604   |
| 1982        | 18 515 754 | 2 005 926 | 1 894 316 | 1 885 114 | 1 969 094 | 1 979 551 | 1 804 082 | 1 464 372 | 908 331   | 915 333   |
| 1983        | 18 790 538 | 1 988 677 | 1 942 236 | 1 859 001 | 1 943 319 | 1 998 175 | 1 837 932 | 1 558 973 | 953 987   | 926 155   |
| 1984        | 19 069 194 | 1 929 414 | 1 996 895 | 1 832 008 | 1 926 126 | 2 006 186 | 1 878 505 | 1 639 902 | 1 036 697 | 926 377   |
| 1985        | 19 313 825 | 1 866 549 | 2 035 953 | 1 813 642 | 1 912 260 | 1 999 571 | 1 898 036 | 1 713 055 | 1 159 452 | 894 682   |
| 1986        | 19 509 082 | 1 777 521 | 2 021 972 | 1 859 173 | 1 882 543 | 1 994 322 | 1 913 815 | 1 745 615 | 1 314 369 | 878 310   |
| 1987        | 19 725 010 | 1 684 379 | 2 029 602 | 1 886 617 | 1 872 408 | 1 960 854 | 1 948 272 | 1 768 454 | 1 430 984 | 901 802   |
| 1988        | 19 954 397 | 1 643 894 | 2 004 593 | 1 930 385 | 1 846 493 | 1 937 671 | 1 969 663 | 1 809 836 | 1 530 050 | 945 091   |
| 1989        | 20 156 587 | 1 606 605 | 1 955 602 | 1 980 990 | 1 818 652 | 1 918 760 | 1 975 360 | 1 846 137 | 1 606 595 | 1 022 313 |
| 1990        | 20 401 305 | 1 613 288 | 1 893 288 | 2 018 789 | 1 796 472 | 1 902 136 | 1 974 557 | 1 871 518 | 1 684 644 | 1 145 237 |
| 1991        | 20 605 831 | 1 623 446 | 1 794 009 | 2 009 695 | 1 840 047 | 1 871 602 | 1 965 733 | 1 889 119 | 1 720 569 | 1 299 350 |
| 1992        | 20 802 622 | 1 629 553 | 1 708 725 | 2 023 069 | 1 864 578 | 1 859 677 | 1 933 959 | 1 924 575 | 1 749 763 | 1 415 342 |
| 1993        | 20 995 416 | 1 614 598 | 1 669 798 | 1 995 309 | 1 906 190 | 1 831 670 | 1 911 217 | 1 945 458 | 1 789 101 | 1 512 385 |
| 1994        | 21 177 874 | 1 601 632 | 1 615 534 | 1 952 415 | 1 968 623 | 1 800 721 | 1 892 287 | 1 959 649 | 1 834 580 | 1 594 472 |
| 1995        | 21 357 431 | 1 590 485 | 1 601 359 | 1 884 239 | 2 008 335 | 1 779 571 | 1 881 015 | 1 958 377 | 1 858 380 | 1 670 238 |
| 1996        | 21 525 433 | 1 590 975 | 1 615 377 | 1 776 191 | 1 999 609 | 1 824 814 | 1 851 115 | 1 954 320 | 1 877 207 | 1 704 099 |
| 1997        | 21 742 815 | 1 599 094 | 1 627 015 | 1 688 171 | 2 012 253 | 1 851 573 | 1 842 670 | 1 922 538 | 1 915 911 | 1 732 870 |
| 1998        | 21 928 591 | 1 545 889 | 1 613 672 | 1 655 839 | 1 989 278 | 1 900 270 | 1 820 827 | 1 904 516 | 1 943 867 | 1 776 015 |
| 1999        | 22 092 387 | 1 507 221 | 1 625 278 | 1 602 097 | 1 940 252 | 1 958 757 | 1 796 059 | 1 889 664 | 1 951 084 | 1 815 880 |
| 2000        | 22 276 672 | 1 489 242 | 1 615 158 | 1 598 693 | 1 875 363 | 2 001 787 | 1 778 878 | 1 880 525 | 1 948 453 | 1 840 177 |
| 2001        | 22 405 568 | 1 426 759 | 1 618 964 | 1 616 161 | 1 768 347 | 1 992 372 | 1 828 743 | 1 855 510 | 1 946 820 | 1 859 355 |
| 2002        | 22 520 776 | 1 350 829 | 1 621 378 | 1 626 685 | 1 681 126 | 2 004 871 | 1 856 171 | 1 847 353 | 1 913 758 | 1 896 052 |
| 2003        | 22 604 550 | 1 309 903 | 1 561 046 | 1 610 671 | 1 646 048 | 1 977 231 | 1 901 431 | 1 821 029 | 1 891 845 | 1 919 263 |
| 2004        | 22 689 122 | 1 243 939 | 1 521 015 | 1 622 128 | 1 592 665 | 1 928 089 | 1 958 601 | 1 796 937 | 1 877 722 | 1 926 436 |
| 2005        | 22 770 383 | 1 144 355 | 1 502 936 | 1 611 758 | 1 590 254 | 1 864 520 | 2 002 501 | 1 781 545 | 1 870 226 | 1 925 056 |
| 2006        | 22 876 527 | 1 092 942 | 1 437 160 | 1 615 529 | 1 608 668 | 1 760 487 | 1 998 797 | 1 835 988 | 1 850 260 | 1 927 547 |
| 2007        | 22 958 360 | 1 052 585 | 1 359 780 | 1 618 280 | 1 620 326 | 1 675 596 | 2 017 016 | 1 866 769 | 1 845 404 | 1 897 013 |
| 2008        | 23 037 031 | 1 026 206 | 1 319 870 | 1 559 127 | 1 605 952 | 1 642 305 | 1 994 567 | 1 916 670 | 1 823 587 | 1 878 514 |
| 2009        | 23 119 772 | 1 002 160 | 1 255 927 | 1 519 931 | 1 618 327 | 1 589 926 | 1 950 841 | 1 982 094 | 1 804 994 | 1 868 115 |
| 2010        | 23 162 123 | 964 093   | 1 158 304 | 1 501 914 | 1 608 154 | 1 586 737 | 1 886 699 | 2 029 110 | 1 791 704 | 1 862 445 |

Notes : 1.The number of population does not include those foreign people who are residing in Taiwan Area.

2.All figures are based on the household registration data at the end of year.



## by sex and age

Persons

| Total     |           |           |           |         |         |         |         |         |        |        |       |
|-----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|--------|--------|-------|
| 45-49     | 50-54     | 55-59     | 60-64     | 65-69   | 70-74   | 75-79   | 80-84   | 85-89   | 90-94  | 95-99  | 100+  |
| 810 232   | 818 255   | 670 515   | 487 590   | 360 647 | 231 598 | 127 415 | 58 243  | 19 214  |        | 5 728  |       |
| 817 447   | 817 015   | 696 507   | 516 439   | 364 797 | 252 357 | 135 741 | 62 761  | 20 438  |        | 6 133  |       |
| 825 855   | 807 131   | 728 810   | 540 934   | 373 494 | 269 149 | 142 793 | 64 985  | 22 588  |        | 6 344  |       |
| 844 159   | 800 224   | 756 448   | 570 673   | 385 983 | 284 281 | 153 929 | 69 949  | 24 584  |        | 6 854  |       |
| 868 347   | 795 314   | 776 164   | 603 745   | 406 715 | 294 671 | 164 130 | 76 551  | 27 452  |        | 7 536  |       |
| 889 717   | 790 208   | 783 297   | 627 678   | 437 895 | 302 798 | 172 868 | 80 452  | 28 774  |        | 7 755  |       |
| 903 857   | 802 202   | 786 726   | 655 426   | 467 117 | 309 632 | 190 184 | 86 581  | 31 433  |        | 8 480  |       |
| 914 310   | 812 147   | 778 968   | 685 509   | 489 410 | 319 667 | 202 989 | 91 266  | 33 041  |        | 9 414  |       |
| 915 500   | 827 488   | 771 386   | 709 878   | 515 006 | 328 513 | 214 093 | 98 274  | 35 392  |        | 10 043 |       |
| 887 542   | 851 976   | 765 281   | 727 946   | 546 450 | 346 810 | 222 946 | 103 599 | 38 266  |        | 10 560 |       |
| 873 267   | 873 650   | 760 501   | 739 414   | 571 441 | 376 177 | 232 334 | 111 908 | 41 650  |        | 11 919 |       |
| 887 387   | 882 182   | 770 190   | 737 489   | 594 180 | 400 066 | 239 016 | 124 816 | 44 569  | 11 394 | 1 801  | 291   |
| 927 945   | 891 163   | 778 101   | 731 680   | 624 985 | 421 222 | 247 103 | 135 716 | 47 089  | 12 237 | 2 069  | 380   |
| 1 000 743 | 883 687   | 789 157   | 722 018   | 647 138 | 444 508 | 256 041 | 146 238 | 51 790  | 13 780 | 2 364  | 497   |
| 1 120 607 | 848 364   | 810 191   | 715 216   | 663 674 | 470 126 | 270 923 | 152 575 | 55 713  | 14 924 | 2 614  | 505   |
| 1 275 488 | 827 045   | 828 300   | 709 285   | 671 468 | 490 537 | 293 422 | 156 180 | 60 055  | 16 336 | 3 027  | 583   |
| 1 392 439 | 848 551   | 839 094   | 718 580   | 672 937 | 514 004 | 314 268 | 160 549 | 68 321  | 17 858 | 3 402  | 717   |
| 1 490 384 | 895 191   | 851 945   | 730 667   | 667 738 | 543 076 | 333 570 | 167 429 | 74 776  | 19 089 | 3 750  | 803   |
| 1 567 781 | 974 543   | 850 827   | 747 472   | 663 430 | 565 908 | 354 407 | 175 619 | 80 058  | 21 046 | 4 138  | 866   |
| 1 644 449 | 1 096 189 | 817 926   | 768 524   | 659 042 | 582 622 | 378 169 | 188 721 | 84 265  | 22 959 | 4 564  | 966   |
| 1 678 885 | 1 250 525 | 800 735   | 789 035   | 656 027 | 591 347 | 398 637 | 207 848 | 88 205  | 25 222 | 4 948  | 1 123 |
| 1 706 154 | 1 363 730 | 821 946   | 799 423   | 665 502 | 593 675 | 419 184 | 224 363 | 92 436  | 29 336 | 5 506  | 1 298 |
| 1 744 527 | 1 456 435 | 866 063   | 811 324   | 677 189 | 589 974 | 443 852 | 239 280 | 97 340  | 32 724 | 5 954  | 1 421 |
| 1 783 714 | 1 532 407 | 943 933   | 811 061   | 694 392 | 588 148 | 464 817 | 255 848 | 103 711 | 35 343 | 6 643  | 1 573 |
| 1 808 740 | 1 608 391 | 1 062 981 | 780 316   | 715 262 | 586 360 | 480 569 | 275 448 | 112 551 | 37 635 | 7 236  | 1 743 |
| 1 832 448 | 1 646 546 | 1 216 871 | 766 255   | 737 193 | 586 672 | 491 500 | 294 363 | 126 836 | 40 384 | 8 137  | 1 944 |
| 1 869 685 | 1 674 991 | 1 329 160 | 788 663   | 748 863 | 597 005 | 495 565 | 310 951 | 137 363 | 41 807 | 9 576  | 1 962 |
| 1 895 846 | 1 715 897 | 1 422 226 | 834 044   | 762 519 | 609 541 | 494 896 | 331 096 | 147 409 | 44 605 | 10 281 | 1 873 |
| 1 905 475 | 1 755 730 | 1 497 842 | 910 762   | 764 075 | 627 518 | 496 030 | 349 408 | 159 031 | 48 364 | 11 221 | 2 001 |
| 1 904 868 | 1 780 392 | 1 572 529 | 1 027 281 | 736 850 | 648 886 | 497 209 | 364 105 | 173 270 | 53 396 | 12 066 | 2 111 |

Table 11. Population

| End of Year |            |           |           |           |           |           |           |           |         |         |
|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|---------|
|             | All ages   | 0-4       | 5-9       | 10-14     | 15-19     | 20-24     | 25-29     | 30-34     | 35-39   | 40-44   |
| 1981        | 9 479 508  | 1 028 974 | 959 696   | 975 557   | 1 026 841 | 992 278   | 906 402   | 687 339   | 455 640 | 461 495 |
| 1982        | 9 636 285  | 1 035 321 | 974 411   | 968 414   | 1 009 949 | 1 013 074 | 921 180   | 750 402   | 466 562 | 466 015 |
| 1983        | 9 769 572  | 1 025 312 | 999 443   | 955 552   | 997 573   | 1 023 488 | 938 465   | 796 780   | 489 502 | 471 800 |
| 1984        | 9 904 853  | 995 173   | 1 028 071 | 941 453   | 987 739   | 1 027 912 | 958 965   | 837 342   | 531 587 | 473 507 |
| 1985        | 10 023 344 | 962 831   | 1 048 601 | 931 912   | 981 181   | 1 024 483 | 969 901   | 874 647   | 594 395 | 457 537 |
| 1986        | 10 114 710 | 917 072   | 1 041 447 | 955 801   | 966 716   | 1 021 437 | 978 271   | 891 206   | 673 229 | 449 242 |
| 1987        | 10 217 434 | 869 769   | 1 045 548 | 969 628   | 959 733   | 1 004 717 | 997 449   | 902 960   | 731 800 | 460 504 |
| 1988        | 10 328 081 | 850 875   | 1 032 898 | 993 204   | 946 268   | 992 769   | 1 007 453 | 924 044   | 781 227 | 482 685 |
| 1989        | 10 424 102 | 832 292   | 1 007 704 | 1 019 573 | 931 441   | 983 442   | 1 012 566 | 942 367   | 819 835 | 522 260 |
| 1990        | 10 540 635 | 836 309   | 974 530   | 1 038 378 | 919 522   | 974 754   | 1 011 861 | 957 301   | 859 616 | 585 909 |
| 1991        | 10 640 276 | 843 907   | 924 557   | 1 034 173 | 942 699   | 959 307   | 1 006 489 | 964 915   | 878 637 | 663 796 |
| 1992        | 10 734 609 | 848 534   | 882 271   | 1 042 014 | 955 702   | 952 881   | 990 251   | 983 486   | 892 329 | 722 576 |
| 1993        | 10 824 161 | 838 993   | 863 197   | 1 026 965 | 977 797   | 939 178   | 978 571   | 994 422   | 912 226 | 770 835 |
| 1994        | 10 907 032 | 836 012   | 837 095   | 1 006 634 | 1 011 303 | 922 677   | 967 512   | 999 784   | 932 906 | 810 417 |
| 1995        | 10 990 657 | 828 904   | 832 631   | 971 636   | 1 032 061 | 911 104   | 962 374   | 999 400   | 945 331 | 848 300 |
| 1996        | 11 065 798 | 828 407   | 842 803   | 916 435   | 1 027 808 | 935 259   | 946 727   | 996 496   | 954 943 | 865 339 |
| 1997        | 11 163 764 | 831 971   | 849 722   | 871 942   | 1 034 479 | 948 608   | 940 902   | 980 473   | 975 340 | 878 916 |
| 1998        | 11 243 408 | 804 753   | 842 641   | 856 638   | 1 022 518 | 972 277   | 928 765   | 971 092   | 989 035 | 900 056 |
| 1999        | 11 312 728 | 784 903   | 848 731   | 830 111   | 997 692   | 1 002 156 | 915 210   | 962 506   | 992 806 | 919 603 |
| 2000        | 11 392 050 | 776 698   | 841 773   | 831 160   | 964 868   | 1 023 835 | 905 239   | 957 030   | 990 211 | 931 580 |
| 2001        | 11 441 651 | 743 975   | 842 623   | 842 567   | 910 170   | 1 018 859 | 930 094   | 943 317   | 988 598 | 941 127 |
| 2002        | 11 485 409 | 704 807   | 843 183   | 849 202   | 866 630   | 1 026 165 | 943 791   | 936 397   | 971 469 | 960 079 |
| 2003        | 11 515 062 | 684 174   | 812 247   | 840 744   | 850 160   | 1 012 438 | 967 088   | 921 888   | 960 123 | 971 638 |
| 2004        | 11 541 585 | 650 216   | 791 835   | 846 780   | 823 881   | 988 195   | 996 749   | 907 862   | 951 254 | 975 195 |
| 2005        | 11 562 440 | 598 086   | 783 379   | 839 692   | 825 590   | 956 187   | 1 018 399 | 897 966   | 945 670 | 972 854 |
| 2006        | 11 591 707 | 571 699   | 749 063   | 840 418   | 837 559   | 902 971   | 1 014 502 | 923 631   | 932 908 | 972 298 |
| 2007        | 11 608 767 | 550 561   | 709 220   | 841 204   | 844 751   | 860 639   | 1 022 008 | 937 762   | 926 562 | 956 057 |
| 2008        | 11 626 351 | 536 491   | 689 226   | 810 883   | 837 112   | 845 169   | 1 009 260 | 961 387   | 913 095 | 945 857 |
| 2009        | 11 636 734 | 523 013   | 656 333   | 790 956   | 843 652   | 819 263   | 985 114   | 990 622   | 899 207 | 937 285 |
| 2010        | 11 635 225 | 503 400   | 605 233   | 782 666   | 836 734   | 821 067   | 953 304   | 1 012 113 | 889 468 | 932 140 |

## by sex and age (continued)

Persons

| Male    |         |         |         |         |         |         |         |        |        |       |       |
|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|-------|-------|
| 45-49   | 50-54   | 55-59   | 60-64   | 65-69   | 70-74   | 75-79   | 80-84   | 85-89  | 90-94  | 95-99 | 100+  |
| 425 094 | 480 157 | 398 702 | 279 378 | 198 779 | 113 684 | 58 037  | 23 135  | 6 803  |        | 1 517 |       |
| 421 329 | 470 978 | 415 958 | 297 496 | 200 093 | 128 338 | 62 450  | 25 413  | 7 173  |        | 1 729 |       |
| 421 124 | 454 264 | 435 512 | 312 690 | 206 162 | 139 163 | 65 714  | 27 141  | 8 020  |        | 1 867 |       |
| 427 824 | 438 062 | 450 737 | 330 954 | 214 257 | 148 949 | 71 605  | 29 701  | 8 963  |        | 2 052 |       |
| 439 276 | 422 743 | 457 701 | 353 055 | 227 086 | 155 872 | 76 784  | 32 800  | 10 214 |        | 2 325 |       |
| 450 112 | 411 299 | 454 885 | 367 380 | 245 455 | 162 316 | 81 030  | 34 638  | 10 754 |        | 2 420 |       |
| 457 594 | 410 236 | 448 336 | 385 499 | 263 430 | 165 291 | 92 604  | 37 690  | 11 965 |        | 2 681 |       |
| 463 632 | 410 988 | 433 808 | 403 571 | 276 956 | 171 685 | 100 312 | 39 687  | 12 973 |        | 3 046 |       |
| 465 199 | 416 487 | 417 661 | 415 948 | 292 469 | 177 106 | 107 237 | 43 202  | 14 021 |        | 3 292 |       |
| 450 964 | 428 066 | 402 381 | 422 559 | 312 353 | 188 119 | 113 229 | 45 807  | 15 456 |        | 3 521 |       |
| 443 856 | 438 826 | 391 291 | 423 353 | 328 180 | 205 323 | 120 044 | 49 856  | 16 909 |        | 4 158 |       |
| 451 477 | 443 183 | 389 203 | 413 629 | 342 974 | 219 690 | 123 100 | 58 049  | 18 389 | 4 186  | 606   | 79    |
| 471 877 | 447 587 | 389 157 | 401 476 | 361 512 | 232 766 | 128 111 | 64 618  | 19 452 | 4 619  | 680   | 122   |
| 508 108 | 444 463 | 390 779 | 385 289 | 374 358 | 247 589 | 134 194 | 70 333  | 21 409 | 5 198  | 808   | 164   |
| 568 978 | 426 680 | 400 396 | 370 095 | 380 492 | 264 749 | 143 043 | 74 364  | 23 301 | 5 738  | 905   | 175   |
| 646 207 | 415 574 | 408 932 | 357 729 | 379 841 | 277 751 | 155 747 | 77 128  | 25 113 | 6 278  | 1 078 | 203   |
| 705 103 | 426 471 | 414 295 | 355 662 | 372 322 | 292 130 | 167 889 | 79 065  | 29 977 | 6 951  | 1 271 | 275   |
| 753 418 | 449 997 | 421 175 | 357 588 | 359 898 | 308 800 | 179 024 | 82 971  | 33 535 | 7 485  | 1 423 | 319   |
| 791 357 | 489 804 | 421 673 | 363 324 | 346 812 | 320 675 | 190 909 | 87 710  | 36 476 | 8 311  | 1 611 | 348   |
| 829 386 | 550 932 | 405 574 | 372 741 | 333 391 | 326 658 | 205 981 | 94 920  | 38 710 | 9 168  | 1 807 | 388   |
| 846 586 | 627 410 | 397 003 | 382 731 | 323 539 | 326 319 | 218 110 | 105 011 | 41 096 | 10 045 | 1 994 | 477   |
| 858 992 | 683 753 | 407 786 | 388 001 | 322 139 | 320 449 | 230 394 | 114 146 | 42 843 | 12 364 | 2 213 | 606   |
| 877 898 | 729 037 | 429 830 | 394 429 | 324 142 | 309 833 | 244 424 | 122 381 | 45 323 | 14 162 | 2 421 | 682   |
| 896 871 | 765 796 | 468 133 | 395 322 | 330 091 | 299 144 | 254 807 | 131 554 | 48 850 | 15 551 | 2 713 | 786   |
| 908 705 | 803 078 | 527 088 | 380 324 | 339 262 | 288 316 | 260 601 | 143 274 | 53 381 | 16 760 | 2 944 | 884   |
| 919 910 | 821 251 | 602 280 | 373 307 | 349 809 | 281 052 | 262 137 | 153 915 | 60 585 | 18 114 | 3 293 | 1 005 |
| 938 532 | 833 832 | 657 109 | 384 466 | 355 601 | 280 289 | 258 048 | 163 045 | 65 869 | 18 087 | 4 120 | 1 005 |
| 950 823 | 853 304 | 701 768 | 406 629 | 362 704 | 282 905 | 250 143 | 173 879 | 70 921 | 19 429 | 4 435 | 931   |
| 954 649 | 872 033 | 737 598 | 443 885 | 364 463 | 289 278 | 242 555 | 182 732 | 76 946 | 21 348 | 4 825 | 977   |
| 952 466 | 883 709 | 773 674 | 500 740 | 351 553 | 298 770 | 234 614 | 188 509 | 85 006 | 23 822 | 5 201 | 1 036 |

Table 11. Population

| End of Year |            |         |         |         |         |         |         |           |         |         |
|-------------|------------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|
|             | All ages   | 0-4     | 5-9     | 10-14   | 15-19   | 20-24   | 25-29   | 30-34     | 35-39   | 40-44   |
| 1981        | 8 714 447  | 964 024 | 905 243 | 920 863 | 976 914 | 947 389 | 866 486 | 653 342   | 430 926 | 445 109 |
| 1982        | 8 879 469  | 970 605 | 919 905 | 916 700 | 959 145 | 966 477 | 882 902 | 713 970   | 441 769 | 449 318 |
| 1983        | 9 020 966  | 963 365 | 942 793 | 903 449 | 945 746 | 974 687 | 899 467 | 762 193   | 464 485 | 454 355 |
| 1984        | 9 164 341  | 934 241 | 968 824 | 890 555 | 938 387 | 978 274 | 919 540 | 802 560   | 505 110 | 452 870 |
| 1985        | 9 290 481  | 903 718 | 987 352 | 881 730 | 931 079 | 975 088 | 928 135 | 838 408   | 565 057 | 437 145 |
| 1986        | 9 394 372  | 860 449 | 980 525 | 903 372 | 915 827 | 972 885 | 935 544 | 854 409   | 641 140 | 429 068 |
| 1987        | 9 507 576  | 814 610 | 984 054 | 916 989 | 912 675 | 956 137 | 950 823 | 865 494   | 699 184 | 441 298 |
| 1988        | 9 626 316  | 793 019 | 971 695 | 937 181 | 900 225 | 944 902 | 962 210 | 885 792   | 748 823 | 462 406 |
| 1989        | 9 732 485  | 774 313 | 947 898 | 961 417 | 887 211 | 935 318 | 962 794 | 903 770   | 786 760 | 500 053 |
| 1990        | 9 860 670  | 776 979 | 918 758 | 980 411 | 876 950 | 927 382 | 962 696 | 914 217   | 825 028 | 559 328 |
| 1991        | 9 965 555  | 779 539 | 869 452 | 975 522 | 897 348 | 912 295 | 959 244 | 924 204   | 841 932 | 635 554 |
| 1992        | 10 068 013 | 781 019 | 826 454 | 981 055 | 908 876 | 906 796 | 943 708 | 941 089   | 857 434 | 692 766 |
| 1993        | 10 171 255 | 775 605 | 806 601 | 968 344 | 928 393 | 892 492 | 932 646 | 951 036   | 876 875 | 741 550 |
| 1994        | 10 270 842 | 765 620 | 778 439 | 945 781 | 957 320 | 878 044 | 924 775 | 959 865   | 901 674 | 784 055 |
| 1995        | 10 366 774 | 761 581 | 768 728 | 912 603 | 976 274 | 868 467 | 918 641 | 958 977   | 913 049 | 821 938 |
| 1996        | 10 459 635 | 762 568 | 772 574 | 859 756 | 971 801 | 889 555 | 904 388 | 957 824   | 922 264 | 838 760 |
| 1997        | 10 579 051 | 767 123 | 777 293 | 816 229 | 977 774 | 902 965 | 901 768 | 942 065   | 940 571 | 853 954 |
| 1998        | 10 685 183 | 741 136 | 771 031 | 799 201 | 966 760 | 927 993 | 892 062 | 933 424   | 954 832 | 875 959 |
| 1999        | 10 779 659 | 722 318 | 776 547 | 771 986 | 942 560 | 956 601 | 880 849 | 927 158   | 958 278 | 896 277 |
| 2000        | 10 884 622 | 712 544 | 773 385 | 767 533 | 910 495 | 977 952 | 873 639 | 923 495   | 958 242 | 908 597 |
| 2001        | 10 963 917 | 682 784 | 776 341 | 773 594 | 858 177 | 973 513 | 898 649 | 912 193   | 958 222 | 918 228 |
| 2002        | 11 035 367 | 646 022 | 778 195 | 777 483 | 814 496 | 978 706 | 912 380 | 910 956   | 942 289 | 935 973 |
| 2003        | 11 089 488 | 625 729 | 748 799 | 769 927 | 795 888 | 964 793 | 934 343 | 899 141   | 931 722 | 947 625 |
| 2004        | 11 147 537 | 593 723 | 729 180 | 775 348 | 768 784 | 939 894 | 961 852 | 889 075   | 926 468 | 951 241 |
| 2005        | 11 207 943 | 546 269 | 719 557 | 772 066 | 764 664 | 908 333 | 984 102 | 883 579   | 924 556 | 952 202 |
| 2006        | 11 284 820 | 521 243 | 688 097 | 775 111 | 771 109 | 857 516 | 984 295 | 912 357   | 917 352 | 955 249 |
| 2007        | 11 349 593 | 502 024 | 650 560 | 777 076 | 775 575 | 814 957 | 995 008 | 929 007   | 918 842 | 940 956 |
| 2008        | 11 410 680 | 489 715 | 630 644 | 748 244 | 768 840 | 797 136 | 985 307 | 955 283   | 910 492 | 932 657 |
| 2009        | 11 483 038 | 479 147 | 599 594 | 728 975 | 774 675 | 770 663 | 965 727 | 991 472   | 905 787 | 930 830 |
| 2010        | 11 526 898 | 460 693 | 553 071 | 719 248 | 771 420 | 765 670 | 933 395 | 1 016 997 | 902 236 | 930 305 |

## by sex and age (continued)

Persons

| Female  |         |         |         |         |         |         |         |        |        |       |       |
|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|-------|-------|
| 45-49   | 50-54   | 55-59   | 60-64   | 65-69   | 70-74   | 75-79   | 80-84   | 85-89  | 90-94  | 95-99 | 100+  |
| 385 138 | 338 098 | 271 813 | 208 212 | 161 868 | 117 914 | 69 378  | 35 108  | 12 411 |        | 4 211 |       |
| 396 118 | 346 037 | 280 549 | 218 943 | 164 704 | 124 019 | 73 291  | 37 348  | 13 265 |        | 4 404 |       |
| 404 731 | 352 867 | 293 298 | 228 244 | 167 332 | 129 986 | 77 079  | 37 844  | 14 568 |        | 4 477 |       |
| 416 335 | 362 162 | 305 711 | 239 719 | 171 726 | 135 332 | 82 324  | 40 248  | 15 621 |        | 4 802 |       |
| 429 071 | 372 571 | 318 463 | 250 690 | 179 629 | 138 799 | 87 346  | 43 751  | 17 238 |        | 5 211 |       |
| 439 605 | 378 909 | 328 412 | 260 298 | 192 440 | 140 482 | 91 838  | 45 814  | 18 020 |        | 5 335 |       |
| 446 263 | 391 966 | 338 390 | 269 927 | 203 687 | 144 341 | 97 580  | 48 891  | 19 468 |        | 5 799 |       |
| 450 678 | 401 159 | 345 160 | 281 938 | 212 454 | 147 982 | 102 677 | 51 579  | 20 068 |        | 6 368 |       |
| 450 301 | 411 001 | 353 725 | 293 930 | 222 537 | 151 407 | 106 856 | 55 072  | 21 371 |        | 6 751 |       |
| 436 578 | 423 910 | 362 900 | 305 387 | 234 097 | 158 691 | 109 717 | 57 792  | 22 810 |        | 7 039 |       |
| 429 411 | 434 824 | 369 210 | 316 061 | 243 261 | 170 854 | 112 290 | 62 052  | 24 741 |        | 7 761 |       |
| 435 910 | 438 999 | 380 987 | 323 860 | 251 206 | 180 376 | 115 916 | 66 767  | 26 180 | 7 208  | 1 195 | 212   |
| 456 068 | 443 576 | 388 944 | 330 204 | 263 473 | 188 456 | 118 992 | 71 098  | 27 637 | 7 618  | 1 389 | 258   |
| 492 635 | 439 224 | 398 378 | 336 729 | 272 780 | 196 919 | 121 847 | 75 905  | 30 381 | 8 582  | 1 556 | 333   |
| 551 629 | 421 684 | 409 795 | 345 121 | 283 182 | 205 377 | 127 880 | 78 211  | 32 412 | 9 186  | 1 709 | 330   |
| 629 281 | 411 471 | 419 368 | 351 556 | 291 627 | 212 786 | 137 675 | 79 052  | 34 942 | 10 058 | 1 949 | 380   |
| 687 336 | 422 080 | 424 799 | 362 918 | 300 615 | 221 874 | 146 379 | 81 484  | 38 344 | 10 907 | 2 131 | 442   |
| 736 966 | 445 194 | 430 770 | 373 079 | 307 840 | 234 276 | 154 546 | 84 458  | 41 241 | 11 604 | 2 327 | 484   |
| 776 424 | 484 739 | 429 154 | 384 148 | 316 618 | 245 233 | 163 498 | 87 909  | 43 582 | 12 735 | 2 527 | 518   |
| 815 063 | 545 257 | 412 352 | 395 783 | 325 651 | 255 964 | 172 188 | 93 801  | 45 555 | 13 791 | 2 757 | 578   |
| 832 299 | 623 115 | 403 732 | 406 304 | 332 488 | 265 028 | 180 527 | 102 837 | 47 109 | 15 177 | 2 954 | 646   |
| 847 162 | 679 977 | 414 160 | 411 422 | 343 363 | 273 226 | 188 790 | 110 217 | 49 593 | 16 972 | 3 293 | 692   |
| 866 629 | 727 398 | 436 233 | 416 895 | 353 047 | 280 141 | 199 428 | 116 899 | 52 017 | 18 562 | 3 533 | 739   |
| 886 843 | 766 611 | 475 800 | 415 739 | 364 301 | 289 004 | 210 010 | 124 294 | 54 861 | 19 792 | 3 930 | 787   |
| 900 035 | 805 313 | 535 893 | 399 992 | 376 000 | 298 044 | 219 968 | 132 174 | 59 170 | 20 875 | 4 292 | 859   |
| 912 538 | 825 295 | 614 591 | 392 948 | 387 384 | 305 620 | 229 363 | 140 448 | 66 251 | 22 270 | 4 844 | 939   |
| 931 153 | 841 159 | 672 051 | 404 197 | 393 262 | 316 716 | 237 517 | 147 906 | 71 494 | 23 720 | 5 456 | 957   |
| 945 023 | 862 593 | 720 458 | 427 415 | 399 815 | 326 636 | 244 753 | 157 217 | 76 488 | 25 176 | 5 846 | 942   |
| 950 826 | 883 697 | 760 244 | 466 877 | 399 612 | 338 240 | 253 475 | 166 676 | 82 085 | 27 016 | 6 396 | 1 024 |
| 952 402 | 896 683 | 798 855 | 526 541 | 385 297 | 350 116 | 262 595 | 175 596 | 88 264 | 29 574 | 6 865 | 1 075 |

Table 12. Population of age 15 years

| End of Year | Male      |           |      |                   |      |         |     |          |     |
|-------------|-----------|-----------|------|-------------------|------|---------|-----|----------|-----|
|             | Total     | Single    |      | Currently married |      | Widowed |     | Divorced |     |
|             |           | Numbers   | %    | Numbers           | %    | Numbers | %   | Numbers  | %   |
| 1981        | 6 515 281 | 2 646 716 | 40.6 | 3 646 154         | 56.0 | 145 612 | 2.2 | 76 799   | 1.2 |
| 1982        | 6 658 139 | 2 676 741 | 40.2 | 3 750 850         | 56.3 | 147 031 | 2.2 | 83 517   | 1.3 |
| 1983        | 6 789 265 | 2 704 969 | 39.8 | 3 841 376         | 56.6 | 151 143 | 2.2 | 91 777   | 1.4 |
| 1984        | 6 940 156 | 2 749 005 | 39.6 | 3 935 988         | 56.7 | 155 372 | 2.2 | 99 791   | 1.4 |
| 1985        | 7 080 000 | 2 791 765 | 39.4 | 4 020 158         | 56.8 | 159 261 | 2.2 | 108 816  | 1.5 |
| 1986        | 7 200 390 | 2 810 982 | 39.0 | 4 104 616         | 57.0 | 165 318 | 2.3 | 119 474  | 1.7 |
| 1987        | 7 332 489 | 2 856 232 | 39.0 | 4 173 274         | 56.9 | 171 625 | 2.3 | 131 358  | 1.8 |
| 1988        | 7 451 104 | 2 887 672 | 38.8 | 4 242 767         | 56.9 | 175 877 | 2.4 | 144 788  | 1.9 |
| 1989        | 7 564 533 | 2 892 556 | 38.2 | 4 333 592         | 57.3 | 182 578 | 2.4 | 155 807  | 2.1 |
| 1990        | 7 691 418 | 2 921 138 | 38.0 | 4 407 072         | 57.3 | 191 919 | 2.5 | 171 289  | 2.2 |
| 1991        | 7 837 639 | 2 976 576 | 38.0 | 4 480 712         | 57.2 | 194 949 | 2.5 | 185 402  | 2.4 |
| 1992        | 7 961 790 | 3 009 743 | 37.8 | 4 560 392         | 57.3 | 194 677 | 2.4 | 196 978  | 2.5 |
| 1993        | 8 095 006 | 3 052 827 | 37.7 | 4 632 837         | 57.2 | 200 023 | 2.5 | 209 319  | 2.6 |
| 1994        | 8 227 291 | 3 152 094 | 38.3 | 4 666 829         | 56.7 | 187 019 | 2.3 | 221 349  | 2.7 |
| 1995        | 8 357 486 | 3 202 757 | 38.3 | 4 725 013         | 56.5 | 189 274 | 2.3 | 240 442  | 2.9 |
| 1996        | 8 478 153 | 3 244 425 | 38.3 | 4 782 972         | 56.4 | 188 543 | 2.2 | 262 213  | 3.1 |
| 1997        | 8 610 129 | 3 284 982 | 38.2 | 4 846 579         | 56.3 | 192 414 | 2.2 | 286 154  | 3.3 |
| 1998        | 8 739 376 | 3 339 615 | 38.2 | 4 892 877         | 56.0 | 196 517 | 2.2 | 310 367  | 3.6 |
| 1999        | 8 848 983 | 3 364 354 | 38.0 | 4 948 319         | 55.9 | 200 444 | 2.3 | 335 866  | 3.8 |
| 2000        | 8 942 419 | 3 371 213 | 37.7 | 5 007 204         | 56.0 | 203 387 | 2.3 | 360 615  | 4.0 |
| 2001        | 9 012 486 | 3 371 660 | 37.4 | 5 047 682         | 56.0 | 205 976 | 2.3 | 387 168  | 4.3 |
| 2002        | 9 088 217 | 3 379 567 | 37.2 | 5 084 695         | 56.0 | 208 424 | 2.3 | 415 531  | 4.6 |
| 2003        | 9 177 897 | 3 410 118 | 37.2 | 5 113 084         | 55.7 | 210 701 | 2.3 | 443 994  | 4.8 |
| 2004        | 9 252 754 | 3 452 830 | 37.3 | 5 106 743         | 55.2 | 213 884 | 2.3 | 479 297  | 5.2 |
| 2005        | 9 341 283 | 3 499 950 | 37.5 | 5 110 181         | 54.7 | 217 072 | 2.3 | 514 080  | 5.5 |
| 2006        | 9 430 527 | 3 540 848 | 37.5 | 5 118 941         | 54.3 | 220 418 | 2.3 | 550 320  | 5.8 |
| 2007        | 9 507 782 | 3 583 708 | 37.7 | 5 120 397         | 53.9 | 223 382 | 2.3 | 580 295  | 6.1 |
| 2008        | 9 589 751 | 3 612 897 | 37.7 | 5 143 798         | 53.6 | 225 841 | 2.4 | 607 215  | 6.3 |
| 2009        | 9 666 432 | 3 675 047 | 38.0 | 5 126 297         | 53.0 | 228 719 | 2.4 | 636 369  | 6.6 |
| 2010        | 9 743 926 | 3 718 696 | 38.2 | 5 129 013         | 52.6 | 231 567 | 2.4 | 664 650  | 6.8 |

Notes : All figures are based on the household registration data at the end of year.

**and over by sex and marital status**

| Female    |           |      |                   |      |         |     |          |     |
|-----------|-----------|------|-------------------|------|---------|-----|----------|-----|
| Total     | Single    |      | Currently married |      | Widowed |     | Divorced |     |
|           | Numbers   | %    | Numbers           | %    | Numbers | %   | Numbers  | %   |
| 5 924 317 | 1 802 578 | 30.4 | 3 644 705         | 61.5 | 410 491 | 6.9 | 66 543   | 1.1 |
| 6 072 259 | 1 826 785 | 30.1 | 3 749 392         | 61.7 | 422 178 | 7.0 | 73 904   | 1.2 |
| 6 211 359 | 1 856 399 | 29.9 | 3 840 960         | 61.8 | 431 617 | 6.9 | 82 383   | 1.3 |
| 6 370 721 | 1 900 968 | 29.8 | 3 935 119         | 61.8 | 444 579 | 7.0 | 90 055   | 1.4 |
| 6 517 681 | 1 944 782 | 29.8 | 4 023 348         | 61.7 | 450 934 | 6.9 | 98 617   | 1.5 |
| 6 650 026 | 1 977 931 | 29.7 | 4 101 988         | 61.7 | 460 816 | 6.9 | 109 291  | 1.6 |
| 6 791 923 | 2 023 962 | 29.8 | 4 174 529         | 61.5 | 473 272 | 7.0 | 120 160  | 1.8 |
| 6 924 421 | 2 053 303 | 29.7 | 4 253 269         | 61.4 | 484 021 | 7.0 | 133 828  | 1.9 |
| 7 048 857 | 2 080 306 | 29.5 | 4 327 724         | 61.4 | 495 675 | 7.0 | 145 152  | 2.1 |
| 7 184 522 | 2 125 708 | 29.6 | 4 393 333         | 61.1 | 507 359 | 7.1 | 158 122  | 2.2 |
| 7 341 042 | 2 171 464 | 29.6 | 4 477 367         | 61.0 | 518 118 | 7.1 | 174 093  | 2.4 |
| 7 479 485 | 2 208 020 | 29.5 | 4 550 934         | 60.8 | 531 680 | 7.1 | 188 851  | 2.5 |
| 7 620 705 | 2 260 426 | 29.7 | 4 611 050         | 60.5 | 545 885 | 7.2 | 203 344  | 2.7 |
| 7 781 002 | 2 342 069 | 30.1 | 4 651 236         | 59.8 | 569 287 | 7.3 | 218 410  | 2.8 |
| 7 923 862 | 2 388 785 | 30.1 | 4 696 952         | 59.3 | 597 074 | 7.5 | 241 051  | 3.0 |
| 8 064 737 | 2 415 290 | 29.9 | 4 752 061         | 58.9 | 629 240 | 7.8 | 268 146  | 3.3 |
| 8 218 406 | 2 464 217 | 30.0 | 4 801 104         | 58.4 | 657 072 | 8.0 | 296 013  | 3.6 |
| 8 373 815 | 2 533 266 | 30.3 | 4 835 294         | 57.7 | 681 460 | 8.1 | 323 795  | 3.9 |
| 8 508 808 | 2 581 305 | 30.3 | 4 869 725         | 57.2 | 704 204 | 8.3 | 353 574  | 4.2 |
| 8 631 160 | 2 619 391 | 30.3 | 4 900 922         | 56.8 | 727 068 | 8.4 | 383 779  | 4.4 |
| 8 731 198 | 2 652 393 | 30.4 | 4 912 978         | 56.3 | 749 719 | 8.6 | 416 108  | 4.8 |
| 8 833 667 | 2 687 613 | 30.4 | 4 924 031         | 55.7 | 771 565 | 8.7 | 450 458  | 5.1 |
| 8 945 033 | 2 741 113 | 30.6 | 4 925 584         | 55.1 | 793 134 | 8.9 | 485 202  | 5.4 |
| 9 049 286 | 2 796 839 | 30.9 | 4 914 473         | 54.3 | 815 864 | 9.0 | 522 110  | 5.8 |
| 9 170 051 | 2 852 497 | 31.1 | 4 918 992         | 53.6 | 839 385 | 9.2 | 559 177  | 6.1 |
| 9 300 369 | 2 900 170 | 31.2 | 4 939 167         | 53.1 | 863 377 | 9.3 | 597 655  | 6.4 |
| 9 419 933 | 2 952 078 | 31.3 | 4 950 589         | 52.6 | 885 693 | 9.4 | 631 573  | 6.7 |
| 9 542 077 | 2 988 331 | 31.3 | 4 984 951         | 52.2 | 907 694 | 9.5 | 661 101  | 6.9 |
| 9 675 322 | 3 053 673 | 31.6 | 4 997 496         | 51.7 | 930 071 | 9.6 | 694 082  | 7.2 |
| 9 793 886 | 3 101 176 | 31.7 | 5 014 749         | 51.2 | 952 067 | 9.7 | 725 894  | 7.4 |

Table 13. Population of cities

| End of Year | Taipei City | Kaohsiung City | Keelung City | Hsinchu City | Taichung City | Chiayi City | Tainan City |
|-------------|-------------|----------------|--------------|--------------|---------------|-------------|-------------|
| 1981        | 2 270 983   | 1 227 454      | 347 828      | 284 737      | 607 238       | 251 840     | 594 739     |
| 1982        | 2 327 641   | 1 248 175      | 349 686      | 288 880      | 621 566       | 252 376     | 609 934     |
| 1983        | 2 388 374   | 1 261 743      | 351 707      | 292 740      | 636 406       | 252 906     | 622 073     |
| 1984        | 2 449 702   | 1 285 132      | 352 666      | 297 324      | 655 196       | 253 016     | 631 614     |
| 1985        | 2 507 620   | 1 302 849      | 351 524      | 304 010      | 674 936       | 253 573     | 639 888     |
| 1986        | 2 575 180   | 1 320 552      | 349 616      | 306 088      | 695 562       | 254 001     | 646 298     |
| 1987        | 2 637 100   | 1 342 797      | 348 541      | 309 899      | 715 107       | 254 875     | 656 927     |
| 1988        | 2 681 857   | 1 362 086      | 348 672      | 314 626      | 730 376       | 255 994     | 667 622     |
| 1989        | 2 702 678   | 1 374 231      | 350 283      | 319 197      | 746 780       | 256 165     | 675 685     |
| 1990        | 2 719 659   | 1 386 723      | 352 919      | 324 426      | 761 802       | 257 597     | 683 251     |
| 1991        | 2 717 992   | 1 396 425      | 355 894      | 328 911      | 774 197       | 258 468     | 689 541     |
| 1992        | 2 696 073   | 1 405 909      | 359 482      | 332 707      | 794 960       | 258 698     | 694 630     |
| 1993        | 2 653 245   | 1 405 349      | 363 037      | 335 460      | 816 601       | 258 599     | 700 470     |
| 1994        | 2 653 578   | 1 416 248      | 364 520      | 338 140      | 832 654       | 260 368     | 702 658     |
| 1995        | 2 632 863   | 1 426 035      | 368 771      | 340 255      | 853 221       | 261 391     | 706 811     |
| 1996        | 2 605 374   | 1 433 621      | 374 199      | 345 954      | 876 384       | 262 860     | 710 954     |
| 1997        | 2 598 493   | 1 436 142      | 379 370      | 351 800      | 901 961       | 262 822     | 717 811     |
| 1998        | 2 639 939   | 1 462 302      | 382 118      | 356 243      | 917 788       | 263 050     | 721 832     |
| 1999        | 2 641 312   | 1 475 505      | 385 201      | 361 958      | 940 589       | 265 109     | 728 060     |
| 2000        | 2 646 474   | 1 490 560      | 388 425      | 368 439      | 965 790       | 266 183     | 734 650     |
| 2001        | 2 633 802   | 1 494 457      | 390 966      | 373 296      | 983 694       | 267 993     | 740 846     |
| 2002        | 2 641 856   | 1 509 510      | 391 450      | 378 797      | 996 706       | 267 907     | 745 081     |
| 2003        | 2 627 138   | 1 509 350      | 392 242      | 382 897      | 1 009 387     | 269 594     | 749 628     |
| 2004        | 2 622 472   | 1 512 677      | 392 337      | 386 950      | 1 021 292     | 270 341     | 754 917     |
| 2005        | 2 616 375   | 1 510 649      | 391 727      | 390 692      | 1 032 778     | 271 701     | 756 859     |
| 2006        | 2 632 242   | 1 514 706      | 390 633      | 394 757      | 1 044 392     | 272 364     | 760 037     |
| 2007        | 2 629 269   | 1 520 555      | 390 397      | 399 035      | 1 055 898     | 273 075     | 764 658     |
| 2008        | 2 622 923   | 1 525 642      | 388 979      | 405 371      | 1 066 128     | 273 793     | 768 453     |
| 2009        | 2 607 428   | 1 527 914      | 388 321      | 411 587      | 1 073 635     | 273 861     | 771 060     |
| 2010        | 2 618 772   | 1 529 947      | 384 134      | 415 344      | 1 082 299     | 272 390     | 772 273     |

Notes : All figures are based on the household registration data at the end of year.



**over 150 000 inhabitants**

Persons

| Banciao City | Sanchong City | Yonghe City | Jhonghe City | Sinjhuang City | Sindian City | Tucheng City |
|--------------|---------------|-------------|--------------|----------------|--------------|--------------|
| 422 260      | 334 726       | 213 787     | 279 664      | 191 073        | 171 315      | 60 398       |
| 440 180      | 340 581       | 221 298     | 294 621      | 202 211        | 178 173      | 69 484       |
| 454 948      | 342 980       | 226 937     | 304 430      | 213 235        | 184 126      | 76 565       |
| 467 754      | 349 927       | 230 057     | 315 857      | 222 894        | 187 637      | 84 555       |
| 479 748      | 353 957       | 232 519     | 324 930      | 232 438        | 190 579      | 93 477       |
| 491 721      | 358 812       | 238 677     | 334 663      | 243 706        | 198 125      | 102 973      |
| 506 220      | 362 171       | 242 252     | 343 389      | 259 001        | 205 094      | 110 796      |
| 519 634      | 366 819       | 245 908     | 355 400      | 275 936        | 210 942      | 120 282      |
| 531 065      | 370 957       | 247 939     | 365 225      | 287 645        | 216 757      | 129 424      |
| 538 954      | 375 996       | 249 736     | 374 339      | 299 174        | 225 517      | 136 928      |
| 542 942      | 378 397       | 247 473     | 379 968      | 308 293        | 233 277      | 142 348      |
| 543 982      | 382 003       | 246 355     | 383 516      | 314 980        | 240 558      | 148 111      |
| 544 067      | 383 943       | 245 743     | 387 264      | 321 970        | 245 897      | 155 814      |
| 539 115      | 382 880       | 241 104     | 387 123      | 328 758        | 248 822      | 171 629      |
| 530 003      | 380 099       | 233 082     | 386 347      | 339 143        | 250 559      | 188 170      |
| 524 323      | 377 498       | 230 734     | 383 715      | 346 132        | 254 078      | 202 436      |
| 519 459      | 378 502       | 228 909     | 385 912      | 353 878        | 259 166      | 213 169      |
| 520 286      | 378 671       | 227 673     | 388 174      | 359 367        | 261 024      | 219 793      |
| 523 850      | 380 084       | 227 700     | 392 176      | 365 048        | 263 603      | 224 897      |
| 529 059      | 382 266       | 228 099     | 398 123      | 372 175        | 268 290      | 230 208      |
| 532 694      | 384 051       | 229 383     | 401 619      | 376 584        | 272 500      | 231 938      |
| 535 476      | 384 217       | 230 660     | 403 510      | 380 334        | 275 467      | 234 125      |
| 539 356      | 384 618       | 231 816     | 406 325      | 383 745        | 280 661      | 235 729      |
| 541 512      | 384 092       | 233 384     | 408 126      | 386 941        | 285 186      | 236 202      |
| 542 319      | 383 959       | 235 059     | 408 989      | 389 074        | 287 472      | 236 345      |
| 544 292      | 383 636       | 235 697     | 411 011      | 392 472        | 289 366      | 237 000      |
| 547 625      | 383 621       | 236 413     | 410 183      | 396 337        | 290 590      | 237 443      |
| 550 767      | 384 722       | 236 598     | 412 060      | 398 317        | 292 693      | 238 230      |
| 552 884      | 388 304       | 236 812     | 414 535      | 400 848        | 294 602      | 238 897      |
| 554 596      | 389 968       | 234 536     | 414 356      | 402 204        | 296 411      | 238 477      |

Table 13. Population of cities

| End of Year | Lujhou City | Sijhih City | Shulin City | Taoyuan City | Jhongli City | Pingjhen City | Bade City |
|-------------|-------------|-------------|-------------|--------------|--------------|---------------|-----------|
| 1981        | 48 568      | 67 996      | 77 378      | 185 257      | 215 414      | 102 899       | 95 934    |
| 1982        | 52 894      | 72 002      | 81 453      | 190 535      | 221 962      | 110 071       | 102 061   |
| 1983        | 56 795      | 73 130      | 85 496      | 195 895      | 228 567      | 115 674       | 106 945   |
| 1984        | 60 878      | 75 908      | 89 389      | 200 829      | 233 392      | 121 585       | 111 338   |
| 1985        | 65 757      | 77 069      | 92 414      | 204 700      | 237 271      | 126 348       | 113 886   |
| 1986        | 71 042      | 79 293      | 95 557      | 210 753      | 241 476      | 130 386       | 117 487   |
| 1987        | 78 074      | 81 015      | 89 757      | 220 255      | 247 639      | 134 925       | 121 514   |
| 1988        | 88 428      | 85 001      | 102 883     | 228 404      | 254 771      | 138 720       | 125 273   |
| 1989        | 97 874      | 90 198      | 106 951     | 235 521      | 262 653      | 142 924       | 129 247   |
| 1990        | 104 972     | 93 305      | 111 993     | 241 263      | 269 804      | 147 030       | 133 720   |
| 1991        | 112 560     | 97 261      | 115 581     | 246 056      | 276 878      | 150 703       | 135 897   |
| 1992        | 119 354     | 102 041     | 120 115     | 251 520      | 282 643      | 154 585       | 137 953   |
| 1993        | 125 890     | 108 489     | 124 857     | 256 612      | 289 054      | 158 621       | 142 822   |
| 1994        | 131 956     | 112 396     | 129 220     | 260 680      | 295 825      | 163 549       | 152 821   |
| 1995        | 138 727     | 118 939     | 135 322     | 271 536      | 301 287      | 170 038       | 148 899   |
| 1996        | 146 144     | 127 924     | 140 110     | 283 861      | 306 473      | 175 363       | 151 759   |
| 1997        | 152 384     | 141 470     | 144 566     | 294 974      | 310 723      | 179 830       | 154 412   |
| 1998        | 155 843     | 147 507     | 147 071     | 304 857      | 314 017      | 183 905       | 158 133   |
| 1999        | 160 516     | 154 976     | 151 260     | 316 438      | 318 649      | 188 344       | 161 700   |
| 2000        | 165 595     | 161 550     | 154 158     | 328 754      | 324 931      | 191 948       | 164 933   |
| 2001        | 169 316     | 165 143     | 156 159     | 338 361      | 329 913      | 194 521       | 166 355   |
| 2002        | 173 209     | 167 224     | 157 913     | 347 160      | 334 683      | 196 408       | 167 085   |
| 2003        | 177 232     | 170 765     | 159 101     | 357 647      | 339 586      | 198 273       | 168 910   |
| 2004        | 181 608     | 173 890     | 159 930     | 368 765      | 346 144      | 198 353       | 169 703   |
| 2005        | 185 796     | 176 130     | 160 762     | 377 345      | 350 981      | 198 375       | 170 695   |
| 2006        | 189 403     | 178 846     | 162 476     | 384 803      | 355 707      | 200 331       | 171 697   |
| 2007        | 192 066     | 180 993     | 164 723     | 391 822      | 358 656      | 202 680       | 172 125   |
| 2008        | 194 686     | 183 441     | 168 689     | 397 056      | 362 129      | 205 266       | 173 585   |
| 2009        | 197 043     | 186 979     | 172 300     | 401 096      | 365 109      | 206 471       | 175 127   |
| 2010        | 197 793     | 189 618     | 176 077     | 406 851      | 369 770      | 207 457       | 176 868   |

## over 150 000 inhabitants (continued)

Persons

| Yangmei City | Fongyuan City | Dali City | Taiping City | Changhua City | Yongkang City | Fongshan City | Pingdong City |
|--------------|---------------|-----------|--------------|---------------|---------------|---------------|---------------|
| 82 341       | 128 944       | 77 908    | 75 957       | 185 816       | 81 854        | 227 310       | 189 347       |
| 84 327       | 131 955       | 82 812    | 80 605       | 190 315       | 86 536        | 240 625       | 192 232       |
| 86 026       | 134 610       | 87 090    | 85 275       | 193 789       | 90 927        | 255 268       | 195 288       |
| 87 079       | 137 084       | 92 089    | 90 568       | 198 195       | 97 024        | 259 781       | 198 237       |
| 88 720       | 139 747       | 96 740    | 95 224       | 201 103       | 103 797       | 267 022       | 200 411       |
| 89 763       | 142 552       | 101 136   | 99 672       | 203 541       | 107 982       | 271 738       | 202 079       |
| 90 717       | 144 434       | 107 308   | 104 797      | 206 603       | 114 904       | 276 259       | 204 990       |
| 92 403       | 147 372       | 114 430   | 110 199      | 209 179       | 122 983       | 282 352       | 206 991       |
| 93 853       | 149 506       | 118 643   | 114 021      | 212 311       | 129 180       | 285 853       | 207 970       |
| 96 492       | 151 642       | 124 422   | 118 429      | 215 224       | 136 705       | 290 777       | 210 801       |
| 98 943       | 154 175       | 132 039   | 122 923      | 217 328       | 141 479       | 293 522       | 212 335       |
| 101 247      | 155 959       | 138 498   | 129 182      | 219 536       | 147 272       | 294 471       | 213 309       |
| 103 216      | 156 906       | 152 261   | 135 103      | 221 090       | 155 745       | 298 059       | 214 304       |
| 105 696      | 157 548       | 156 040   | 143 015      | 222 722       | 166 359       | 301 374       | 214 728       |
| 108 249      | 158 315       | 159 896   | 148 810      | 223 675       | 173 552       | 303 956       | 215 096       |
| 113 606      | 158 847       | 163 336   | 153 693      | 224 066       | 179 214       | 309 062       | 214 627       |
| 118 958      | 159 580       | 165 902   | 158 145      | 225 006       | 184 740       | 315 488       | 214 628       |
| 122 950      | 160 256       | 169 239   | 162 615      | 226 151       | 189 631       | 316 350       | 214 313       |
| 126 323      | 161 032       | 171 940   | 165 524      | 227 715       | 193 005       | 318 562       | 214 727       |
| 129 419      | 161 104       | 174 930   | 166 923      | 229 915       | 197 194       | 321 707       | 215 282       |
| 131 694      | 161 589       | 176 860   | 167 907      | 231 129       | 198 372       | 322 678       | 215 245       |
| 133 432      | 162 115       | 178 998   | 168 892      | 232 156       | 200 719       | 323 799       | 215 584       |
| 134 937      | 162 828       | 181 308   | 169 969      | 233 435       | 202 552       | 328 878       | 216 338       |
| 136 178      | 163 228       | 184 164   | 170 363      | 234 308       | 204 196       | 333 474       | 216 777       |
| 138 258      | 163 746       | 186 818   | 170 712      | 234 614       | 206 411       | 336 510       | 216 708       |
| 140 641      | 164 051       | 189 945   | 171 139      | 235 322       | 208 919       | 338 596       | 216 425       |
| 142 895      | 164 619       | 192 437   | 171 628      | 235 998       | 210 585       | 338 900       | 215 962       |
| 145 347      | 165 238       | 194 550   | 172 363      | 236 631       | 212 540       | 339 240       | 214 987       |
| 148 092      | 165 245       | 196 056   | 172 389      | 237 160       | 214 622       | 339 952       | 213 614       |
| 150 926      | 165 433       | 197 716   | 172 965      | 236 503       | 216 748       | 341 120       | 211 027       |

**Table 14. Population in localities over 150 000 and between  
20 000 and 150 000 inhabitants**

| End of Year | Total<br>Population | Localities of 150 000 & more inhabitants |      | Localities of 20 000 - 150 000 inhabitants |      |
|-------------|---------------------|--|------|--|------|
|             |                     | Aggregate                                | %    | Aggregate                                  | %    |
| 1981        | 18 193 955          | 8 709 894                                | 47.9 | 8 354 624                                  | 45.9 |
| 1982        | 18 515 754          | 9 076 507                                | 49.0 | 8 298 942                                  | 44.8 |
| 1983        | 18 790 538          | 9 281 463                                | 49.4 | 8 376 843                                  | 44.6 |
| 1984        | 19 069 194          | 9 483 960                                | 49.7 | 8 403 338                                  | 44.1 |
| 1985        | 19 313 825          | 9 771 617                                | 50.6 | 8 356 626                                  | 43.3 |
| 1986        | 19 509 082          | 10 176 497                               | 52.2 | 8 184 215                                  | 42.0 |
| 1987        | 19 725 010          | 10 510 749                               | 53.3 | 7 986 523                                  | 40.5 |
| 1988        | 19 954 397          | 11 833 999                               | 59.3 | 7 844 509                                  | 39.3 |
| 1989        | 20 156 587          | 11 004 061                               | 54.6 | 7 957 024                                  | 39.5 |
| 1990        | 20 401 305          | 11 280 802                               | 55.3 | 7 872 408                                  | 38.6 |
| 1991        | 20 605 831          | 10 162 775                               | 49.3 | 9 175 249                                  | 44.5 |
| 1992        | 20 802 622          | 10 225 876                               | 49.2 | 9 305 467                                  | 44.7 |
| 1993        | 20 995 416          | 10 720 111                               | 51.1 | 9 025 634                                  | 43.0 |
| 1994        | 21 177 874          | 10 959 243                               | 51.7 | 8 998 054                                  | 42.5 |
| 1995        | 21 357 431          | 10 874 101                               | 50.9 | 9 264 180                                  | 43.4 |
| 1996        | 21 525 433          | 11 248 563                               | 52.3 | 9 103 055                                  | 42.3 |
| 1997        | 21 742 815          | 11 503 206                               | 52.9 | 9 015 639                                  | 41.5 |
| 1998        | 21 928 591          | 11 653 570                               | 53.1 | 9 068 615                                  | 41.4 |
| 1999        | 22 092 387          | 12 079 480                               | 54.7 | 8 816 677                                  | 39.9 |
| 2000        | 22 276 672          | 12 227 665                               | 54.9 | 8 882 696                                  | 39.9 |
| 2001        | 22 405 568          | 12 307 371                               | 54.9 | 8 918 668                                  | 39.8 |
| 2002        | 22 520 776          | 12 401 041                               | 55.1 | 8 925 922                                  | 39.6 |
| 2003        | 22 604 550          | 12 469 308                               | 55.2 | 8 970 650                                  | 39.7 |
| 2004        | 22 689 122          | 12 541 332                               | 55.3 | 8 991 290                                  | 39.6 |
| 2005        | 22 770 383          | 12 589 601                               | 55.3 | 8 977 716                                  | 39.4 |
| 2006        | 22 876 527          | 12 670 265                               | 55.4 | 9 012 316                                  | 39.4 |
| 2007        | 22 958 360          | 12 728 293                               | 55.4 | 9 023 074                                  | 39.3 |
| 2008        | 23 037 031          | 12 785 077                               | 55.5 | 9 051 734                                  | 39.3 |
| 2009        | 23 119 772          | 12 823 851                               | 55.5 | 9 104 033                                  | 39.4 |
| 2010        | 23 162 123          | 12 871 653                               | 55.6 | 8 935 957                                  | 38.6 |

Notes : 1.All figures are based on the end of the household registration data at the end of year.  
2.Data before 1991 referred to population over 100 000 or between 20 000 and 100 000.

Table 15. Fertility rates for women of childbearing age

‰

| Year | General fertility rate | Total fertility rate | Age specific fertility rate |       |       |       |       |       |       | Gross reproduction rate | Net reproduction rate |
|------|------------------------|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------------------------|-----------------------|
|      |                        |                      | 15-19                       | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |                         |                       |
| 1981 | 89                     | 2 455                | 31                          | 176   | 197   | 69    | 14    | 3     | 1     | 1.1856                  | 1.1482                |
| 1982 | 85                     | 2 320                | 29                          | 166   | 186   | 66    | 14    | 3     | 0     | 1.1213                  | 1.0855                |
| 1983 | 79                     | 2 170                | 26                          | 154   | 174   | 63    | 14    | 3     | 0     | 1.0497                  | 1.0147                |
| 1984 | 75                     | 2 055                | 23                          | 144   | 169   | 60    | 13    | 2     | 0     | 0.9910                  | 0.9592                |
| 1985 | 68                     | 1 880                | 19                          | 129   | 158   | 56    | 12    | 2     | 0     | 0.9097                  | 0.8830                |
| 1986 | 60                     | 1 680                | 18                          | 112   | 140   | 52    | 12    | 2     | 0     | 0.8105                  | 0.7865                |
| 1987 | 60                     | 1 700                | 16                          | 109   | 147   | 54    | 12    | 2     | 0     | 0.8159                  | 0.7902                |
| 1988 | 64                     | 1 855                | 16                          | 111   | 164   | 64    | 14    | 2     | 0     | 0.8910                  | 0.8653                |
| 1989 | 58                     | 1 680                | 16                          | 98    | 145   | 61    | 14    | 2     | 0     | 0.8053                  | 0.7812                |
| 1990 | 62                     | 1 810                | 17                          | 100   | 159   | 69    | 15    | 2     | 0     | 0.8608                  | 0.8352                |
| 1991 | 58                     | 1 720                | 17                          | 92    | 149   | 68    | 16    | 2     | 0     | 0.8173                  | 0.7998                |
| 1992 | 57                     | 1 730                | 17                          | 91    | 148   | 72    | 16    | 2     | 0     | 0.8241                  | 0.8057                |
| 1993 | 57                     | 1 760                | 17                          | 91    | 149   | 75    | 18    | 2     | 0     | 0.8456                  | 0.8278                |
| 1994 | 55                     | 1 755                | 17                          | 87    | 148   | 79    | 18    | 2     | 0     | 0.8402                  | 0.8237                |
| 1995 | 55                     | 1 775                | 17                          | 86    | 148   | 82    | 20    | 2     | 0     | 0.8538                  | 0.8374                |
| 1996 | 54                     | 1 760                | 17                          | 83    | 145   | 84    | 21    | 2     | 0     | 0.8431                  | 0.8269                |
| 1997 | 53                     | 1 770                | 15                          | 80    | 147   | 87    | 22    | 3     | 0     | 0.8472                  | 0.8317                |
| 1998 | 43                     | 1 465                | 14                          | 66    | 116   | 73    | 21    | 3     | 0     | 0.7019                  | 0.6892                |
| 1999 | 45                     | 1 555                | 13                          | 66    | 126   | 82    | 21    | 3     | 0     | 0.7424                  | 0.7252                |
| 2000 | 48                     | 1 680                | 14                          | 72    | 133   | 90    | 24    | 3     | 0     | 0.8021                  | 0.7895                |
| 2001 | 41                     | 1 400                | 13                          | 62    | 106   | 75    | 21    | 3     | 0     | 0.6708                  | 0.6608                |
| 2002 | 39                     | 1 340                | 13                          | 57    | 102   | 73    | 20    | 3     | 0     | 0.6387                  | 0.6296                |
| 2003 | 36                     | 1 235                | 11                          | 52    | 92    | 69    | 20    | 3     | 0     | 0.5877                  | 0.5788                |
| 2004 | 34                     | 1 180                | 10                          | 49    | 86    | 68    | 20    | 3     | 0     | 0.5602                  | 0.5521                |
| 2005 | 33                     | 1 115                | 8                           | 44    | 79    | 68    | 21    | 3     | 0     | 0.5334                  | 0.5255                |
| 2006 | 33                     | 1 115                | 7                           | 41    | 78    | 71    | 23    | 3     | 0     | 0.5319                  | 0.5245                |
| 2007 | 32                     | 1 100                | 6                           | 37    | 76    | 74    | 24    | 3     | 0     | 0.5245                  | 0.5173                |
| 2008 | 31                     | 1 050                | 5                           | 32    | 72    | 73    | 25    | 3     | 0     | 0.5008                  | 0.4940                |
| 2009 | 31                     | 1 030                | 4                           | 27    | 69    | 75    | 27    | 4     | 0     | 0.4942                  | 0.4869                |
| 2010 | 27                     | 895                  | 4                           | 23    | 55    | 65    | 28    | 4     | 0     | 0.4283                  | 0.4230                |

Notes : 1.The rates are in per thousand of the estimated midyear population.

2.Data on gross reproduction rate and net reproduction rate before 1982 do not include Kinmen County and Lienchiang County.

Table 16. Death rates

| Year |                                 |          |       |      |      |       |       |       |       |       |       |       |
|------|---------------------------------|----------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|
|      | Standard-<br>ized<br>death rate | All ages | 0     | 1-4  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 |
| 1981 | ...                             | 4.85     | 10.06 | 1.29 | 0.46 | 0.45  | 0.95  | 1.24  | 1.33  | 1.56  | 2.20  | 3.18  |
| 1982 | ...                             | 4.76     | 9.03  | 1.20 | 0.44 | 0.40  | 0.92  | 1.16  | 1.25  | 1.50  | 2.18  | 3.17  |
| 1983 | ...                             | 4.89     | 8.34  | 1.07 | 0.44 | 0.41  | 0.91  | 1.13  | 1.29  | 1.43  | 2.08  | 3.04  |
| 1984 | ...                             | 4.75     | 7.56  | 0.97 | 0.43 | 0.36  | 0.82  | 1.09  | 1.20  | 1.44  | 2.10  | 3.09  |
| 1985 | 7.36                            | 4.81     | 7.38  | 0.98 | 0.40 | 0.38  | 0.80  | 1.09  | 1.18  | 1.42  | 1.98  | 2.91  |
| 1986 | 7.32                            | 4.90     | 6.64  | 0.91 | 0.41 | 0.35  | 0.93  | 1.12  | 1.18  | 1.41  | 1.92  | 2.88  |
| 1987 | 7.15                            | 4.93     | 5.62  | 0.82 | 0.41 | 0.38  | 1.09  | 1.12  | 1.19  | 1.39  | 1.92  | 2.87  |
| 1988 | 7.30                            | 5.16     | 6.24  | 0.81 | 0.38 | 0.39  | 1.11  | 1.15  | 1.27  | 1.45  | 1.98  | 2.81  |
| 1989 | 7.08                            | 5.17     | 6.07  | 0.81 | 0.37 | 0.40  | 1.10  | 1.13  | 1.31  | 1.55  | 1.98  | 2.92  |
| 1990 | 6.93                            | 5.21     | 5.91  | 0.77 | 0.35 | 0.37  | 0.99  | 1.07  | 1.26  | 1.49  | 2.04  | 2.84  |
| 1991 | 6.70                            | 5.17     | 5.39  | 0.74 | 0.33 | 0.34  | 0.91  | 1.08  | 1.24  | 1.46  | 1.97  | 2.68  |
| 1992 | 6.72                            | 5.33     | 5.63  | 0.70 | 0.32 | 0.34  | 0.91  | 1.01  | 1.19  | 1.46  | 1.90  | 2.72  |
| 1993 | 6.47                            | 5.32     | 5.33  | 0.67 | 0.31 | 0.36  | 0.97  | 1.05  | 1.23  | 1.47  | 1.93  | 2.77  |
| 1994 | 6.39                            | 5.40     | 5.66  | 0.61 | 0.29 | 0.32  | 0.96  | 1.02  | 1.16  | 1.47  | 1.96  | 2.80  |
| 1995 | 6.48                            | 5.63     | 7.40  | 0.58 | 0.28 | 0.34  | 0.89  | 1.08  | 1.15  | 1.43  | 1.97  | 2.71  |
| 1996 | 6.41                            | 5.69     | 7.49  | 0.59 | 0.27 | 0.30  | 0.87  | 0.95  | 1.11  | 1.47  | 1.94  | 2.74  |
| 1997 | 6.11                            | 5.59     | 7.12  | 0.59 | 0.24 | 0.27  | 0.80  | 0.82  | 1.09  | 1.41  | 1.97  | 2.73  |
| 1998 | 6.01                            | 5.66     | 7.07  | 0.59 | 0.24 | 0.28  | 0.74  | 0.86  | 0.99  | 1.35  | 1.96  | 2.73  |
| 1999 | 5.94                            | 5.75     | 7.23  | 0.58 | 0.30 | 0.32  | 0.72  | 0.81  | 0.99  | 1.35  | 1.92  | 2.68  |
| 2000 | 5.69                            | 5.68     | 6.99  | 0.47 | 0.20 | 0.22  | 0.66  | 0.80  | 0.92  | 1.29  | 1.81  | 2.65  |
| 2001 | 5.59                            | 5.72     | 6.33  | 0.46 | 0.20 | 0.21  | 0.60  | 0.73  | 0.85  | 1.22  | 1.81  | 2.56  |
| 2002 | 5.40                            | 5.71     | 5.94  | 0.45 | 0.17 | 0.18  | 0.53  | 0.68  | 0.89  | 1.17  | 1.73  | 2.46  |
| 2003 | 5.32                            | 5.82     | 5.32  | 0.41 | 0.21 | 0.19  | 0.50  | 0.66  | 0.84  | 1.22  | 1.72  | 2.46  |
| 2004 | 5.29                            | 5.95     | 5.91  | 0.38 | 0.16 | 0.18  | 0.54  | 0.66  | 0.84  | 1.21  | 1.76  | 2.55  |
| 2005 | 5.30                            | 6.15     | 5.50  | 0.40 | 0.17 | 0.19  | 0.53  | 0.69  | 0.97  | 1.29  | 1.81  | 2.59  |
| 2006 | 4.95                            | 5.98     | 5.46  | 0.32 | 0.16 | 0.18  | 0.48  | 0.64  | 0.88  | 1.24  | 1.80  | 2.62  |
| 2007 | 4.92                            | 6.13     | 5.48  | 0.30 | 0.16 | 0.15  | 0.41  | 0.61  | 0.78  | 1.12  | 1.67  | 2.52  |
| 2008 | 4.84                            | 6.24     | 5.00  | 0.37 | 0.15 | 0.14  | 0.40  | 0.56  | 0.72  | 1.10  | 1.66  | 2.50  |
| 2009 | 4.67                            | 6.22     | 4.44  | 0.31 | 0.19 | 0.17  | 0.39  | 0.54  | 0.74  | 1.04  | 1.61  | 2.41  |
| 2010 | 4.56                            | 6.30     | 4.42  | 0.25 | 0.14 | 0.15  | 0.38  | 0.48  | 0.68  | 0.97  | 1.46  | 2.32  |

Notes : Standardized death rate is based on 2000 midyear population age structure.

## by age and sex

‰

| both sexes |       |       |       |       |       |       |        |        |
|------------|-------|-------|-------|-------|-------|-------|--------|--------|
| 45-49      | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84  | 85+    |
| 4.91       | 7.28  | 11.24 | 18.09 | 29.40 | 45.66 | 71.01 | 113.50 | 197.45 |
| 4.77       | 7.31  | 10.81 | 17.11 | 28.11 | 44.10 | 69.83 | 106.54 | 190.79 |
| 4.83       | 6.94  | 10.91 | 17.33 | 28.50 | 44.71 | 73.23 | 113.44 | 197.50 |
| 4.68       | 6.77  | 10.42 | 16.51 | 26.59 | 42.73 | 69.25 | 103.77 | 182.01 |
| 4.35       | 6.62  | 9.96  | 15.99 | 26.09 | 42.89 | 68.69 | 106.96 | 183.27 |
| 4.33       | 6.40  | 9.83  | 15.72 | 26.11 | 42.70 | 69.18 | 106.97 | 182.98 |
| 4.21       | 6.35  | 9.55  | 15.37 | 25.11 | 41.96 | 65.92 | 106.30 | 179.25 |
| 4.35       | 6.60  | 9.62  | 15.21 | 24.79 | 41.82 | 67.62 | 110.68 | 188.01 |
| 4.41       | 6.28  | 9.45  | 14.66 | 25.01 | 40.19 | 65.89 | 103.87 | 175.77 |
| 4.16       | 6.19  | 9.59  | 14.78 | 23.91 | 39.74 | 65.63 | 101.48 | 174.94 |
| 4.16       | 6.18  | 9.08  | 14.42 | 22.60 | 37.67 | 63.33 | 100.13 | 166.92 |
| 4.09       | 5.93  | 9.11  | 14.58 | 22.65 | 37.84 | 62.96 | 100.18 | 173.53 |
| 4.11       | 5.90  | 9.03  | 14.17 | 22.10 | 35.60 | 60.08 | 93.59  | 164.22 |
| 4.06       | 5.93  | 9.09  | 13.86 | 21.90 | 34.81 | 58.33 | 91.80  | 163.11 |
| 4.05       | 5.95  | 8.89  | 14.18 | 21.93 | 35.72 | 59.20 | 94.25  | 165.05 |
| 3.98       | 6.05  | 9.04  | 13.96 | 21.27 | 34.65 | 57.44 | 93.43  | 164.25 |
| 3.81       | 5.97  | 8.47  | 13.20 | 20.95 | 32.96 | 53.84 | 89.34  | 155.06 |
| 3.72       | 5.62  | 8.45  | 13.05 | 20.74 | 32.09 | 52.59 | 88.37  | 154.18 |
| 3.77       | 5.57  | 8.34  | 12.97 | 20.15 | 32.17 | 51.75 | 85.97  | 153.35 |
| 3.74       | 5.30  | 8.16  | 12.18 | 19.35 | 30.83 | 50.10 | 81.71  | 148.26 |
| 3.60       | 5.26  | 8.20  | 12.05 | 19.23 | 30.59 | 48.52 | 80.05  | 145.36 |
| 3.51       | 5.06  | 7.67  | 11.67 | 18.46 | 29.80 | 47.43 | 78.10  | 142.09 |
| 3.50       | 5.09  | 7.46  | 11.54 | 18.27 | 29.26 | 46.89 | 75.36  | 142.12 |
| 3.58       | 5.06  | 7.35  | 11.26 | 17.57 | 28.83 | 45.97 | 76.27  | 139.88 |
| 3.62       | 5.04  | 7.37  | 11.33 | 17.24 | 28.11 | 46.41 | 74.92  | 141.18 |
| 3.52       | 5.01  | 7.11  | 10.53 | 16.15 | 26.56 | 42.97 | 68.88  | 128.16 |
| 3.50       | 4.82  | 6.87  | 10.40 | 16.20 | 26.14 | 43.13 | 69.11  | 132.14 |
| 3.48       | 4.71  | 6.66  | 10.20 | 15.45 | 25.94 | 42.43 | 69.16  | 134.36 |
| 3.31       | 4.65  | 6.58  | 9.76  | 14.92 | 24.56 | 40.67 | 66.84  | 129.74 |
| 3.31       | 4.53  | 6.48  | 9.25  | 14.41 | 23.27 | 39.99 | 67.09  | 130.82 |

Table 16. Death rates

| Year |          |       |      |      |       |       |       |       |       |       |       |
|------|----------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|
|      | All ages | 0     | 1-4  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 |
| 1981 | 5.63     | 10.64 | 1.46 | 0.58 | 0.57  | 1.33  | 1.70  | 1.83  | 2.13  | 2.92  | 4.28  |
| 1982 | 5.55     | 9.67  | 1.25 | 0.54 | 0.49  | 1.24  | 1.61  | 1.73  | 2.04  | 2.93  | 4.29  |
| 1983 | 5.72     | 9.09  | 1.20 | 0.52 | 0.50  | 1.31  | 1.53  | 1.76  | 1.99  | 2.76  | 4.05  |
| 1984 | 5.58     | 7.94  | 1.11 | 0.51 | 0.44  | 1.16  | 1.49  | 1.66  | 2.01  | 2.86  | 4.20  |
| 1985 | 5.63     | 7.86  | 1.07 | 0.50 | 0.48  | 1.14  | 1.51  | 1.62  | 1.89  | 2.65  | 3.95  |
| 1986 | 5.76     | 7.07  | 1.02 | 0.51 | 0.43  | 1.31  | 1.57  | 1.64  | 1.90  | 2.57  | 3.90  |
| 1987 | 5.82     | 6.10  | 0.92 | 0.49 | 0.49  | 1.61  | 1.59  | 1.65  | 1.86  | 2.61  | 3.94  |
| 1988 | 6.09     | 6.51  | 0.94 | 0.47 | 0.47  | 1.65  | 1.65  | 1.80  | 2.00  | 2.78  | 3.97  |
| 1989 | 6.14     | 6.24  | 0.88 | 0.45 | 0.47  | 1.62  | 1.59  | 1.84  | 2.15  | 2.70  | 4.08  |
| 1990 | 6.20     | 6.23  | 0.86 | 0.42 | 0.46  | 1.40  | 1.50  | 1.76  | 2.05  | 2.82  | 3.88  |
| 1991 | 6.15     | 5.69  | 0.84 | 0.39 | 0.41  | 1.30  | 1.55  | 1.75  | 2.05  | 2.72  | 3.75  |
| 1992 | 6.35     | 6.33  | 0.76 | 0.35 | 0.40  | 1.31  | 1.44  | 1.71  | 2.07  | 2.68  | 3.77  |
| 1993 | 6.38     | 5.74  | 0.70 | 0.36 | 0.44  | 1.42  | 1.48  | 1.75  | 2.07  | 2.72  | 3.87  |
| 1994 | 6.53     | 6.23  | 0.70 | 0.34 | 0.39  | 1.41  | 1.41  | 1.61  | 2.13  | 2.78  | 3.96  |
| 1995 | 6.79     | 8.06  | 0.62 | 0.34 | 0.41  | 1.26  | 1.55  | 1.66  | 2.01  | 2.84  | 3.77  |
| 1996 | 6.87     | 7.87  | 0.61 | 0.30 | 0.35  | 1.23  | 1.36  | 1.56  | 2.13  | 2.73  | 3.89  |
| 1997 | 6.77     | 7.45  | 0.63 | 0.26 | 0.29  | 1.12  | 1.17  | 1.57  | 2.06  | 2.84  | 3.92  |
| 1998 | 6.86     | 7.73  | 0.66 | 0.25 | 0.33  | 1.04  | 1.23  | 1.44  | 1.96  | 2.81  | 3.95  |
| 1999 | 6.94     | 7.95  | 0.64 | 0.31 | 0.35  | 0.99  | 1.12  | 1.40  | 1.92  | 2.74  | 3.84  |
| 2000 | 6.89     | 7.51  | 0.49 | 0.23 | 0.25  | 0.92  | 1.12  | 1.30  | 1.85  | 2.62  | 3.81  |
| 2001 | 6.96     | 6.85  | 0.53 | 0.23 | 0.25  | 0.80  | 1.01  | 1.22  | 1.76  | 2.62  | 3.68  |
| 2002 | 6.91     | 6.22  | 0.46 | 0.18 | 0.20  | 0.72  | 0.95  | 1.28  | 1.69  | 2.50  | 3.54  |
| 2003 | 7.01     | 5.34  | 0.45 | 0.24 | 0.20  | 0.66  | 0.92  | 1.20  | 1.76  | 2.50  | 3.60  |
| 2004 | 7.24     | 6.45  | 0.39 | 0.17 | 0.18  | 0.76  | 0.91  | 1.21  | 1.77  | 2.58  | 3.66  |
| 2005 | 7.53     | 5.82  | 0.44 | 0.19 | 0.21  | 0.69  | 0.94  | 1.40  | 1.88  | 2.69  | 3.85  |
| 2006 | 7.35     | 5.89  | 0.38 | 0.18 | 0.22  | 0.66  | 0.88  | 1.24  | 1.84  | 2.71  | 3.88  |
| 2007 | 7.46     | 6.08  | 0.33 | 0.16 | 0.18  | 0.55  | 0.82  | 1.07  | 1.63  | 2.52  | 3.78  |
| 2008 | 7.62     | 5.29  | 0.40 | 0.16 | 0.16  | 0.54  | 0.76  | 0.98  | 1.58  | 2.47  | 3.73  |
| 2009 | 7.57     | 4.59  | 0.33 | 0.22 | 0.20  | 0.50  | 0.71  | 0.99  | 1.50  | 2.46  | 3.54  |
| 2010 | 7.66     | 4.91  | 0.26 | 0.16 | 0.17  | 0.52  | 0.67  | 0.94  | 1.38  | 2.19  | 3.43  |



## by age and sex (continued)

‰

| Male  |       |       |       |       |       |       |        |        |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84  | 85+    |
| 6.26  | 8.68  | 13.20 | 21.15 | 34.10 | 52.79 | 78.91 | 127.02 | 219.76 |
| 6.20  | 8.85  | 12.71 | 20.13 | 32.76 | 51.09 | 78.83 | 118.36 | 205.43 |
| 6.24  | 8.46  | 12.71 | 20.52 | 33.21 | 51.52 | 83.47 | 125.39 | 213.53 |
| 6.17  | 8.45  | 12.22 | 19.49 | 30.56 | 49.52 | 78.93 | 113.47 | 196.82 |
| 5.73  | 8.29  | 11.70 | 18.77 | 30.54 | 49.36 | 78.00 | 117.25 | 195.47 |
| 5.73  | 8.10  | 11.88 | 18.30 | 30.05 | 48.69 | 79.33 | 118.69 | 197.49 |
| 5.68  | 8.19  | 11.56 | 18.05 | 29.00 | 47.39 | 74.69 | 117.38 | 192.45 |
| 5.81  | 8.56  | 11.87 | 17.78 | 28.66 | 47.50 | 75.17 | 120.37 | 194.68 |
| 5.97  | 8.40  | 11.91 | 17.20 | 28.97 | 45.53 | 74.05 | 112.17 | 188.05 |
| 5.71  | 8.30  | 12.27 | 17.70 | 27.66 | 45.62 | 71.99 | 112.37 | 184.46 |
| 5.63  | 8.20  | 11.73 | 17.29 | 26.15 | 42.90 | 70.01 | 110.18 | 170.41 |
| 5.50  | 7.97  | 11.96 | 17.79 | 26.35 | 42.96 | 68.72 | 108.34 | 179.21 |
| 5.58  | 7.93  | 11.72 | 17.45 | 25.85 | 40.67 | 67.76 | 99.83  | 167.08 |
| 5.61  | 7.97  | 12.08 | 17.38 | 26.11 | 39.83 | 64.89 | 101.21 | 167.77 |
| 5.62  | 8.15  | 11.78 | 18.07 | 25.88 | 40.91 | 66.35 | 103.10 | 169.75 |
| 5.50  | 8.24  | 12.17 | 17.95 | 25.30 | 39.89 | 64.46 | 102.14 | 171.65 |
| 5.28  | 8.33  | 11.44 | 17.23 | 24.99 | 38.40 | 59.94 | 97.30  | 158.10 |
| 5.23  | 7.70  | 11.44 | 16.89 | 24.85 | 37.04 | 60.29 | 97.88  | 156.38 |
| 5.27  | 7.67  | 11.13 | 16.93 | 24.72 | 36.74 | 59.15 | 95.51  | 154.67 |
| 5.30  | 7.34  | 10.96 | 16.24 | 24.16 | 35.90 | 56.96 | 90.58  | 150.40 |
| 5.09  | 7.32  | 10.95 | 16.01 | 24.59 | 35.87 | 55.68 | 89.47  | 146.81 |
| 5.03  | 7.03  | 10.42 | 15.53 | 23.42 | 35.00 | 54.36 | 86.76  | 142.93 |
| 5.00  | 7.07  | 10.04 | 15.28 | 23.21 | 34.63 | 53.53 | 83.84  | 142.97 |
| 5.13  | 7.08  | 10.24 | 15.03 | 22.59 | 35.17 | 53.97 | 84.39  | 141.32 |
| 5.26  | 7.06  | 10.19 | 15.51 | 22.53 | 34.73 | 54.36 | 84.63  | 144.18 |
| 5.22  | 7.13  | 9.78  | 14.14 | 21.17 | 33.38 | 50.40 | 78.17  | 132.49 |
| 5.09  | 6.83  | 9.53  | 13.98 | 21.29 | 33.25 | 51.41 | 77.69  | 133.97 |
| 5.08  | 6.80  | 9.43  | 13.86 | 20.49 | 33.39 | 51.10 | 78.53  | 138.49 |
| 4.85  | 6.70  | 9.19  | 13.21 | 19.62 | 31.93 | 49.41 | 76.36  | 134.32 |
| 4.82  | 6.51  | 9.13  | 12.66 | 19.49 | 29.97 | 49.35 | 76.87  | 136.09 |

Table 16. Death rates

| Year |          |      |      |      |       |       |       |       |       |       |       |
|------|----------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
|      | All ages | 0    | 1-4  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 |
| 1981 | 4.00     | 9.44 | 1.11 | 0.33 | 0.34  | 0.54  | 0.74  | 0.82  | 0.95  | 1.44  | 2.05  |
| 1982 | 3.90     | 8.34 | 1.15 | 0.33 | 0.30  | 0.59  | 0.70  | 0.75  | 0.94  | 1.40  | 2.01  |
| 1983 | 4.00     | 7.55 | 0.94 | 0.36 | 0.31  | 0.50  | 0.71  | 0.80  | 0.83  | 1.36  | 1.99  |
| 1984 | 3.84     | 7.15 | 0.83 | 0.35 | 0.26  | 0.47  | 0.67  | 0.72  | 0.85  | 1.29  | 1.93  |
| 1985 | 3.91     | 6.87 | 0.88 | 0.30 | 0.29  | 0.45  | 0.65  | 0.72  | 0.92  | 1.27  | 1.82  |
| 1986 | 3.97     | 6.18 | 0.79 | 0.30 | 0.26  | 0.53  | 0.65  | 0.69  | 0.89  | 1.23  | 1.82  |
| 1987 | 3.96     | 5.10 | 0.72 | 0.33 | 0.26  | 0.54  | 0.63  | 0.71  | 0.90  | 1.19  | 1.76  |
| 1988 | 4.16     | 5.94 | 0.68 | 0.28 | 0.30  | 0.54  | 0.62  | 0.71  | 0.89  | 1.15  | 1.61  |
| 1989 | 4.12     | 5.90 | 0.74 | 0.29 | 0.32  | 0.55  | 0.64  | 0.76  | 0.91  | 1.23  | 1.71  |
| 1990 | 4.15     | 5.56 | 0.68 | 0.29 | 0.28  | 0.55  | 0.62  | 0.74  | 0.90  | 1.22  | 1.76  |
| 1991 | 4.12     | 5.07 | 0.64 | 0.27 | 0.26  | 0.49  | 0.58  | 0.70  | 0.84  | 1.19  | 1.56  |
| 1992 | 4.24     | 4.86 | 0.64 | 0.28 | 0.27  | 0.49  | 0.56  | 0.65  | 0.83  | 1.10  | 1.63  |
| 1993 | 4.20     | 4.88 | 0.64 | 0.26 | 0.27  | 0.49  | 0.60  | 0.68  | 0.85  | 1.11  | 1.62  |
| 1994 | 4.20     | 5.04 | 0.52 | 0.23 | 0.26  | 0.49  | 0.60  | 0.68  | 0.78  | 1.10  | 1.59  |
| 1995 | 4.40     | 6.69 | 0.53 | 0.22 | 0.27  | 0.49  | 0.60  | 0.62  | 0.84  | 1.07  | 1.62  |
| 1996 | 4.43     | 7.08 | 0.57 | 0.23 | 0.25  | 0.48  | 0.52  | 0.63  | 0.78  | 1.12  | 1.55  |
| 1997 | 4.35     | 6.75 | 0.56 | 0.22 | 0.24  | 0.46  | 0.46  | 0.59  | 0.74  | 1.07  | 1.51  |
| 1998 | 4.39     | 6.35 | 0.52 | 0.22 | 0.23  | 0.42  | 0.47  | 0.53  | 0.72  | 1.08  | 1.48  |
| 1999 | 4.51     | 6.45 | 0.52 | 0.29 | 0.29  | 0.43  | 0.49  | 0.57  | 0.75  | 1.06  | 1.49  |
| 2000 | 4.41     | 6.42 | 0.45 | 0.18 | 0.20  | 0.38  | 0.45  | 0.53  | 0.70  | 0.97  | 1.47  |
| 2001 | 4.43     | 5.76 | 0.38 | 0.17 | 0.17  | 0.39  | 0.43  | 0.46  | 0.66  | 0.97  | 1.40  |
| 2002 | 4.47     | 5.63 | 0.44 | 0.16 | 0.15  | 0.33  | 0.40  | 0.49  | 0.63  | 0.93  | 1.35  |
| 2003 | 4.57     | 5.31 | 0.37 | 0.18 | 0.17  | 0.33  | 0.39  | 0.47  | 0.65  | 0.92  | 1.29  |
| 2004 | 4.61     | 5.31 | 0.38 | 0.16 | 0.17  | 0.31  | 0.40  | 0.46  | 0.65  | 0.91  | 1.40  |
| 2005 | 4.72     | 5.15 | 0.35 | 0.15 | 0.16  | 0.35  | 0.44  | 0.53  | 0.70  | 0.91  | 1.29  |
| 2006 | 4.56     | 4.99 | 0.27 | 0.14 | 0.14  | 0.28  | 0.40  | 0.50  | 0.63  | 0.86  | 1.32  |
| 2007 | 4.76     | 4.83 | 0.27 | 0.15 | 0.11  | 0.25  | 0.38  | 0.48  | 0.60  | 0.81  | 1.25  |
| 2008 | 4.84     | 4.68 | 0.34 | 0.14 | 0.12  | 0.25  | 0.35  | 0.45  | 0.61  | 0.85  | 1.25  |
| 2009 | 4.85     | 4.27 | 0.29 | 0.17 | 0.13  | 0.27  | 0.35  | 0.48  | 0.57  | 0.77  | 1.27  |
| 2010 | 4.92     | 3.88 | 0.25 | 0.11 | 0.13  | 0.23  | 0.27  | 0.41  | 0.56  | 0.75  | 1.21  |

## by age and sex (continued)

‰

| Female |       |       |       |       |       |       |        |        |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|
| 45-49  | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84  | 85+    |
| 3.38   | 5.24  | 8.37  | 14.02 | 23.70 | 38.82 | 64.48 | 104.63 | 186.46 |
| 3.23   | 5.16  | 8.01  | 13.02 | 22.44 | 37.10 | 62.23 | 98.63  | 183.43 |
| 3.35   | 4.92  | 8.24  | 12.98 | 22.74 | 37.54 | 64.51 | 105.09 | 189.30 |
| 3.14   | 4.68  | 7.76  | 12.42 | 21.67 | 35.35 | 60.91 | 96.71  | 174.17 |
| 2.93   | 4.66  | 7.43  | 12.11 | 20.50 | 35.71 | 60.55 | 99.31  | 176.57 |
| 2.90   | 4.52  | 6.95  | 12.07 | 21.11 | 35.88 | 60.23 | 98.14  | 174.83 |
| 2.70   | 4.38  | 6.81  | 11.56 | 20.10 | 35.72 | 57.89 | 97.84  | 171.69 |
| 2.84   | 4.56  | 6.72  | 11.53 | 19.75 | 35.28 | 60.34 | 103.21 | 184.05 |
| 2.81   | 4.12  | 6.45  | 11.04 | 19.83 | 33.96 | 57.80 | 97.42  | 168.26 |
| 2.56   | 4.05  | 6.53  | 10.71 | 18.93 | 32.82 | 59.15 | 92.89  | 168.98 |
| 2.65   | 4.15  | 6.21  | 10.51 | 17.84 | 31.42 | 56.30 | 92.10  | 164.68 |
| 2.63   | 3.88  | 6.14  | 10.38 | 17.63 | 31.65 | 56.83 | 93.34  | 169.78 |
| 2.59   | 3.85  | 6.31  | 10.08 | 16.96 | 29.38 | 51.88 | 88.04  | 162.29 |
| 2.46   | 3.86  | 6.13  | 9.72  | 16.13 | 28.56 | 51.18 | 83.17  | 159.97 |
| 2.42   | 3.73  | 6.05  | 9.87  | 16.58 | 29.10 | 51.26 | 85.94  | 161.84 |
| 2.41   | 3.85  | 5.99  | 9.78  | 15.94 | 27.85 | 49.54 | 85.03  | 159.14 |
| 2.29   | 3.58  | 5.58  | 9.18  | 15.82 | 25.82 | 46.88 | 81.60  | 152.87 |
| 2.17   | 3.52  | 5.53  | 9.33  | 15.79 | 25.57 | 43.72 | 79.09  | 152.51 |
| 2.24   | 3.46  | 5.60  | 9.20  | 14.99 | 26.16 | 43.13 | 76.52  | 152.32 |
| 2.15   | 3.24  | 5.42  | 8.35  | 14.25 | 24.29 | 41.99 | 72.81  | 146.55 |
| 2.07   | 3.18  | 5.49  | 8.32  | 13.88 | 23.98 | 39.91 | 70.46  | 144.19 |
| 1.98   | 3.08  | 4.97  | 8.04  | 13.73 | 23.54 | 39.00 | 69.19  | 141.40 |
| 1.98   | 3.11  | 4.91  | 8.01  | 13.69 | 23.14 | 38.78 | 66.54  | 141.42 |
| 2.01   | 3.03  | 4.51  | 7.68  | 12.99 | 22.05 | 36.22 | 67.71  | 138.67 |
| 1.95   | 3.02  | 4.61  | 7.34  | 12.46 | 21.50 | 36.88 | 64.51  | 138.59 |
| 1.81   | 2.89  | 4.49  | 7.10  | 11.62 | 20.14 | 34.33 | 58.76  | 124.38 |
| 1.89   | 2.82  | 4.27  | 6.99  | 11.59 | 19.73 | 33.91 | 59.68  | 130.54 |
| 1.88   | 2.64  | 3.96  | 6.71  | 10.89 | 19.41 | 33.30 | 58.80  | 130.72 |
| 1.77   | 2.63  | 4.04  | 6.48  | 10.65 | 18.22 | 32.03 | 56.36  | 125.67 |
| 1.80   | 2.58  | 3.92  | 6.00  | 9.77  | 17.54 | 31.34 | 56.48  | 126.05 |

Table 17. Life expectation

| Year   | Male  |       |       |       |       |       |       |       |      |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|        | 0     | 10    | 20    | 30    | 40    | 50    | 60    | 70    | 80   |
| 1981   | 69.74 | 60.99 | 51.51 | 42.34 | 33.28 | 24.78 | 17.01 | 10.68 | 5.94 |
| 1982   | 69.84 | 60.96 | 51.44 | 42.22 | 33.14 | 24.62 | 16.80 | 10.21 | 5.54 |
| 1983   | 69.90 | 60.97 | 51.47 | 42.24 | 33.12 | 24.57 | 16.71 | 10.16 | 5.50 |
| 1984   | 70.46 | 61.45 | 51.89 | 42.63 | 33.55 | 25.04 | 17.18 | 10.51 | 5.76 |
| 1985   | 70.82 | 61.79 | 52.24 | 42.99 | 33.85 | 25.26 | 17.37 | 10.65 | 5.83 |
| 1986   | 70.97 | 61.89 | 52.38 | 43.14 | 34.00 | 25.40 | 17.48 | 10.73 | 5.86 |
| 1987   | 71.09 | 61.91 | 52.49 | 43.27 | 34.12 | 25.53 | 17.62 | 10.82 | 5.90 |
| 1988   | 70.99 | 61.82 | 52.41 | 43.24 | 34.15 | 25.58 | 17.75 | 10.93 | 5.93 |
| 1989   | 71.10 | 61.91 | 52.49 | 43.31 | 34.24 | 25.72 | 17.88 | 11.04 | 6.05 |
| 1990   | 71.33 | 62.11 | 52.63 | 43.41 | 34.35 | 25.76 | 17.93 | 11.11 | 6.12 |
| 1991   | 71.83 | 62.58 | 53.06 | 43.86 | 34.79 | 26.19 | 18.36 | 11.49 | 6.41 |
| 1992   | 71.78 | 62.54 | 53.02 | 43.78 | 34.71 | 26.09 | 18.25 | 11.41 | 6.27 |
| 1993   | 71.61 | 62.31 | 52.83 | 43.61 | 34.53 | 25.93 | 18.05 | 11.39 | 6.62 |
| 1994   | 71.81 | 62.54 | 53.04 | 43.77 | 34.72 | 26.15 | 18.33 | 11.50 | 6.47 |
| 1995   | 71.85 | 62.66 | 53.13 | 43.91 | 34.85 | 26.26 | 18.44 | 11.65 | 6.41 |
| 1996   | 72.38 | 63.18 | 53.62 | 44.34 | 35.30 | 26.73 | 19.01 | 12.34 | 7.17 |
| 1997   | 72.97 | 63.74 | 54.14 | 44.82 | 35.80 | 27.23 | 19.49 | 12.82 | 7.63 |
| 1998   | 73.12 | 63.95 | 54.35 | 45.01 | 35.96 | 27.40 | 19.59 | 12.89 | 7.71 |
| 1999   | 73.33 | 64.16 | 54.54 | 45.17 | 36.10 | 27.53 | 19.70 | 13.02 | 7.83 |
| 2000   | 73.83 | 64.57 | 54.90 | 45.51 | 36.41 | 27.85 | 19.99 | 13.26 | 8.02 |
| 2001   | 74.07 | 64.80 | 55.11 | 45.67 | 36.55 | 27.95 | 20.09 | 13.37 | 8.14 |
| 2002   | 74.58 | 65.23 | 55.50 | 46.06 | 36.92 | 28.30 | 20.37 | 13.58 | 8.30 |
| 2003   | 74.77 | 65.37 | 55.63 | 46.16 | 37.04 | 28.42 | 20.47 | 13.65 | 8.33 |
| 2004   | 74.68 | 65.32 | 55.60 | 46.13 | 37.02 | 28.44 | 20.52 | 13.64 | 8.35 |
| 2005   | 74.50 | 65.11 | 55.38 | 45.96 | 36.90 | 28.36 | 20.42 | 13.59 | 8.27 |
| 2006   | 74.86 | 65.47 | 55.74 | 46.29 | 37.25 | 28.77 | 20.89 | 13.97 | 8.63 |
| 2007   | 75.46 | 66.04 | 56.26 | 46.74 | 37.60 | 29.06 | 21.08 | 14.09 | 8.73 |
| 2008   | 75.59 | 66.14 | 56.35 | 46.80 | 37.64 | 29.09 | 21.09 | 14.04 | 8.59 |
| 2009 r | 76.03 | 66.53 | 56.74 | 47.17 | 38.00 | 29.41 | 21.40 | 14.28 | 8.78 |
| 2010 p | 76.15 | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...  |

Notes : 1.Data do not include Kinmen County and Lienchiang County before 1992.  
2.The figures apply new calculating methods in 2005, and revised the data since 1996.



Table 18. Live births by age of mother

| Year | By age of Mother |          |        |         |         |        |
|------|------------------|----------|--------|---------|---------|--------|
|      | Total            | under 15 | 15-19  | 20-24   | 25-29   | 30-34  |
| 1981 | 412 779          | 353      | 30 087 | 165 158 | 168 013 | 41 337 |
| 1982 | 404 006          | 350      | 28 376 | 159 740 | 162 944 | 45 054 |
| 1983 | 382 153          | 326      | 24 268 | 149 280 | 155 148 | 45 833 |
| 1984 | 369 725          | 322      | 21 252 | 141 305 | 152 914 | 46 496 |
| 1985 | 345 053          | 271      | 18 013 | 126 990 | 146 088 | 46 217 |
| 1986 | 308 187          | 295      | 16 124 | 109 476 | 130 736 | 43 769 |
| 1987 | 313 062          | 239      | 14 524 | 105 173 | 138 166 | 46 352 |
| 1988 | 341 054          | 263      | 14 673 | 105 537 | 155 487 | 54 638 |
| 1989 | 314 553          | 264      | 14 404 | 92 718  | 140 540 | 54 973 |
| 1990 | 334 872          | 310      | 14 603 | 93 400  | 152 142 | 61 598 |
| 1991 | 321 276          | 281      | 14 652 | 85 403  | 143 737 | 62 985 |
| 1992 | 321 632          | 223      | 15 009 | 82 798  | 141 337 | 66 891 |
| 1993 | 325 613          | 318      | 15 724 | 81 667  | 140 108 | 71 025 |
| 1994 | 322 938          | 336      | 15 725 | 76 825  | 136 939 | 75 184 |
| 1995 | 329 581          | 355      | 16 315 | 75 889  | 137 720 | 79 099 |
| 1996 | 325 545          | 319      | 16 286 | 73 308  | 133 009 | 81 142 |
| 1997 | 326 002          | 280      | 14 810 | 72 270  | 132 751 | 83 243 |
| 1998 | 271 450          | 212      | 13 303 | 61 256  | 104 894 | 69 630 |
| 1999 | 283 661          | 180      | 12 286 | 62 099  | 111 251 | 75 614 |
| 2000 | 305 312          | 162      | 12 844 | 69 037  | 115 813 | 82 286 |
| 2001 | 260 354          | 190      | 11 755 | 60 485  | 95 039  | 69 688 |
| 2002 | 247 530          | 129      | 10 562 | 56 210  | 92 281  | 66 441 |
| 2003 | 227 070          | 116      | 8 686  | 50 342  | 84 737  | 61 830 |
| 2004 | 216 419          | 102      | 7 524  | 46 190  | 81 224  | 60 089 |
| 2005 | 205 854          | 90       | 6 484  | 40 308  | 76 913  | 59 561 |
| 2006 | 204 459          | 83       | 4 941  | 36 262  | 76 525  | 62 926 |
| 2007 | 204 414          | 54       | 4 382  | 30 985  | 75 669  | 68 122 |
| 2008 | 198 733          | 42       | 3 817  | 26 214  | 72 361  | 69 720 |
| 2009 | 191 310          | 35       | 3 142  | 21 415  | 67 334  | 71 996 |
| 2010 | 166 886          | 43       | 2 769  | 17 323  | 52 457  | 65 747 |

Notes : 1.All figures were based on registration.

2.Data do not include Kinmen County and Lienchiang County before 1992.

## and number of births

| (persons) |       |       |     | Number of births (%) |              |           |
|-----------|-------|-------|-----|----------------------|--------------|-----------|
| 35-39     | 40-44 | 45-49 | 50+ | Legitimate           | Illegitimate | Abandoned |
| 6 197     | 1 445 | 148   | 41  | 98.48                | 1.47         | 0.05      |
| 5 961     | 1 412 | 129   | 40  | 98.37                | 1.57         | 0.05      |
| 5 981     | 1 188 | 107   | 22  | 98.32                | 1.62         | 0.07      |
| 6 290     | 1 021 | 88    | 37  | 98.14                | 1.78         | 0.08      |
| 6 475     | 899   | 75    | 25  | 98.13                | 1.79         | 0.08      |
| 6 868     | 795   | 78    | 46  | 98.02                | 1.90         | 0.08      |
| 7 781     | 745   | 60    | 22  | 97.99                | 1.91         | 0.10      |
| 9 599     | 767   | 60    | 30  | 98.00                | 1.90         | 0.11      |
| 10 645    | 938   | 52    | 19  | 97.69                | 2.20         | 0.12      |
| 11 658    | 1 076 | 57    | 28  | 97.79                | 2.07         | 0.14      |
| 12 886    | 1 254 | 50    | 28  | 97.61                | 2.26         | 0.13      |
| 13 899    | 1 409 | 46    | 20  | 97.70                | 2.21         | 0.10      |
| 15 100    | 1 592 | 50    | 29  | 97.68                | 2.25         | 0.07      |
| 16 103    | 1 762 | 42    | 22  | 97.67                | 2.27         | 0.06      |
| 18 108    | 1 996 | 65    | 34  | 97.16                | 2.78         | 0.05      |
| 19 220    | 2 155 | 80    | 26  | 97.12                | 2.84         | 0.04      |
| 20 345    | 2 202 | 88    | 13  | 97.05                | 2.92         | 0.03      |
| 19 818    | 2 212 | 77    | 48  | 96.55                | 3.42         | 0.03      |
| 19 763    | 2 340 | 88    | 40  | 96.77                | 3.20         | 0.03      |
| 22 314    | 2 704 | 116   | 36  | 96.72                | 3.26         | 0.02      |
| 20 485    | 2 544 | 101   | 67  | 96.35                | 3.62         | 0.02      |
| 19 318    | 2 482 | 82    | 25  | 96.36                | 3.61         | 0.03      |
| 18 680    | 2 584 | 75    | 20  | 96.44                | 3.54         | 0.03      |
| 18 617    | 2 566 | 74    | 33  | 96.33                | 3.64         | 0.03      |
| 19 770    | 2 618 | 87    | 23  | 95.98                | 4.01         | 0.02      |
| 20 811    | 2 801 | 91    | 19  | 95.80                | 4.19         | 0.02      |
| 22 247    | 2 853 | 95    | 7   | 95.58                | 4.39         | 0.03      |
| 23 338    | 3 131 | 102   | 8   | 95.86                | 4.12         | 0.02      |
| 23 988    | 3 289 | 108   | 3   | 96.07                | 3.91         | 0.02      |
| 24 816    | 3 597 | 119   | 15  | 95.47                | 4.51         | 0.02      |

Table 19. Household appliances

| End of Year | Color T. V. set | DVD player <sup>1</sup> | Air conditioner | Washing machine | Cable T.V. <sup>2</sup> |
|-------------|-----------------|-------------------------|-----------------|-----------------|-------------------------|
| 1981        | 77.90           | -                       | 16.37           | 68.88           | -                       |
| 1982        | 83.12           | -                       | 17.16           | 70.52           | -                       |
| 1983        | 87.79           | -                       | 19.72           | 73.68           | -                       |
| 1984        | 90.41           | -                       | 22.91           | 75.49           | -                       |
| 1985        | 92.31           | -                       | 23.95           | 77.84           | -                       |
| 1986        | 94.42           | -                       | 25.45           | 79.49           | -                       |
| 1987        | 95.78           | -                       | 28.66           | 81.33           | -                       |
| 1988        | 97.34           | -                       | 34.29           | 83.97           | -                       |
| 1989        | 97.80           | -                       | 41.74           | 86.82           | -                       |
| 1990        | 98.26           | -                       | 47.26           | 88.79           | -                       |
| 1991        | 99.16           | 1.71                    | 52.37           | 89.53           | -                       |
| 1992        | 99.30           | 2.41                    | 56.14           | 90.38           | -                       |
| 1993        | 99.25           | 3.20                    | 60.69           | 91.51           | -                       |
| 1994        | 99.36           | 4.02                    | 64.01           | 92.31           | 43.37                   |
| 1995        | 99.29           | 4.21                    | 67.08           | 92.83           | 54.15                   |
| 1996        | 99.32           | 5.11                    | 71.65           | 93.00           | 59.57                   |
| 1997        | 99.47           | 5.72                    | 73.83           | 93.99           | 65.97                   |
| 1998        | 99.17           | 6.36                    | 76.20           | 93.86           | 68.09                   |
| 1999        | 99.31           | 7.25                    | 78.89           | 94.74           | 67.87                   |
| 2000        | 99.45           | 13.47                   | 79.46           | 95.36           | 71.96                   |
| 2001        | 99.29           | 22.49                   | 80.54           | 95.05           | 72.34                   |
| 2002        | 99.56           | 32.86                   | 83.13           | 95.96           | 74.81                   |
| 2003        | 99.51           | 40.11                   | 84.53           | 96.56           | 76.12                   |
| 2004        | 99.47           | 45.99                   | 85.71           | 96.91           | 78.53                   |
| 2005        | 99.46           | 48.60                   | 85.69           | 96.70           | 79.02                   |
| 2006        | 99.55           | 53.53                   | 87.48           | 97.05           | 79.82                   |
| 2007        | 99.37           | 52.68                   | 87.64           | 97.45           | 79.93                   |
| 2008        | 99.39           | 44.11                   | 87.55           | 97.26           | 81.65                   |
| 2009        | 99.56           | 42.18                   | 88.35           | 97.43           | 81.97                   |
| 2010        | 99.41           | 39.36                   | 89.05           | 97.76           | 82.98                   |

Notes : <sup>1</sup> DVD player is Laser-disk player before 1999.

<sup>2</sup> Cable T.V. includes MOD since 2008.



**saturation**

%

| Geyser | Movies Camera | Telephone | Automobile | Motorcycle | Personal computer |
|--------|---------------|-----------|------------|------------|-------------------|
| 53.85  | 1.16          | 60.93     | 6.40       | 67.15      | -                 |
| 56.07  | 1.12          | 67.65     | 7.23       | 68.53      | -                 |
| 60.48  | 0.75          | 74.35     | 9.30       | 70.26      | 1.46              |
| 64.96  | 0.68          | 79.63     | 10.38      | 70.55      | 1.94              |
| 68.09  | 0.67          | 82.12     | 11.91      | 71.87      | 2.32              |
| 72.19  | 0.75          | 85.25     | 13.63      | 72.83      | 2.92              |
| 76.51  | 0.79          | 87.20     | 15.54      | 73.80      | 3.55              |
| 80.51  | 1.09          | 89.11     | 19.21      | 75.25      | 3.95              |
| 83.49  | 1.53          | 91.51     | 24.90      | 76.83      | 5.42              |
| 87.06  | 2.29          | 93.08     | 29.07      | 77.51      | 6.77              |
| 90.80  | 3.16          | 94.75     | 33.67      | 79.20      | 9.57              |
| 91.81  | 4.41          | 95.13     | 38.94      | 78.49      | 11.76             |
| 93.13  | 4.72          | 96.00     | 41.05      | 79.49      | 13.56             |
| 93.93  | 5.64          | 96.53     | 45.54      | 80.78      | 15.29             |
| 94.43  | 5.95          | 96.70     | 47.95      | 79.88      | 18.54             |
| 91.04  | 7.22          | 97.49     | 51.16      | 80.82      | 22.56             |
| 92.41  | 8.19          | 97.54     | 53.79      | 80.19      | 28.39             |
| 92.32  | 7.97          | 97.63     | 54.52      | 80.00      | 32.31             |
| 93.71  | 8.77          | 98.00     | 54.33      | 79.18      | 38.92             |
| 94.49  | 8.57          | 98.04     | 55.58      | 79.37      | 46.49             |
| 93.94  | 8.87          | 97.79     | 55.63      | 79.65      | 50.86             |
| 95.61  | 9.43          | 97.88     | 58.16      | 80.99      | 56.80             |
| 95.86  | 9.48          | 97.80     | 57.43      | 81.02      | 58.74             |
| 96.69  | 10.26         | 97.56     | 58.04      | 80.78      | 62.37             |
| 96.23  | 9.75          | 97.55     | 58.38      | 80.85      | 63.15             |
| 96.81  | 9.57          | 97.36     | 59.10      | 81.70      | 66.12             |
| 97.22  | 8.71          | 96.69     | 58.69      | 82.98      | 67.13             |
| 96.95  | 7.92          | 96.00     | 58.37      | 82.22      | 69.27             |
| 97.29  | 8.64          | 95.88     | 59.18      | 82.87      | 70.51             |
| 97.11  | 8.22          | 95.72     | 57.78      | 82.25      | 71.32             |

Table 20. Population projections (2010-2060)

| Year | Population (Thousand persons) |        |        | Age-specific distribution (%) |       |      | Dependency ratio (%) |      |
|------|-------------------------------|--------|--------|-------------------------------|-------|------|----------------------|------|
|      | Both sexes                    | Male   | Female | 0-14                          | 15-64 | 65+  | Young                | Old  |
| 2010 | 23 165                        | 11 634 | 11 531 | 15.7                          | 73.6  | 10.7 | 21.3                 | 14.6 |
| 2011 | 23 212                        | 11 633 | 11 579 | 15.1                          | 74.1  | 10.9 | 20.3                 | 14.7 |
| 2012 | 23 256                        | 11 631 | 11 624 | 14.4                          | 74.4  | 11.2 | 19.4                 | 15.0 |
| 2013 | 23 294                        | 11 627 | 11 667 | 14.0                          | 74.4  | 11.6 | 18.9                 | 15.5 |
| 2014 | 23 326                        | 11 619 | 11 707 | 13.6                          | 74.4  | 12.0 | 18.2                 | 16.2 |
| 2015 | 23 354                        | 11 611 | 11 744 | 13.0                          | 74.4  | 12.6 | 17.4                 | 16.9 |
| 2016 | 23 379                        | 11 600 | 11 779 | 12.6                          | 74.1  | 13.3 | 17.0                 | 18.0 |
| 2017 | 23 399                        | 11 588 | 11 811 | 12.3                          | 73.7  | 14.0 | 16.7                 | 19.0 |
| 2018 | 23 416                        | 11 575 | 11 841 | 12.0                          | 73.2  | 14.7 | 16.4                 | 20.1 |
| 2019 | 23 428                        | 11 559 | 11 869 | 11.8                          | 72.7  | 15.5 | 16.2                 | 21.3 |
| 2020 | 23 437                        | 11 542 | 11 895 | 11.6                          | 72.1  | 16.3 | 16.1                 | 22.6 |
| 2021 | 23 443                        | 11 524 | 11 919 | 11.5                          | 71.5  | 17.1 | 16.0                 | 23.9 |
| 2022 | 23 446                        | 11 504 | 11 941 | 11.3                          | 70.9  | 17.8 | 16.0                 | 25.2 |
| 2023 | 23 444                        | 11 483 | 11 961 | 11.2                          | 70.2  | 18.6 | 16.0                 | 26.6 |
| 2024 | 23 438                        | 11 460 | 11 978 | 11.1                          | 69.4  | 19.5 | 16.0                 | 28.0 |
| 2028 | 23 369                        | 11 348 | 12 021 | 10.8                          | 66.3  | 22.8 | 16.3                 | 34.4 |
| 3032 | 23 204                        | 11 193 | 12 011 | 10.6                          | 63.5  | 25.8 | 16.7                 | 40.7 |
| 2036 | 22 919                        | 10 984 | 11 934 | 10.4                          | 61.0  | 28.6 | 17.0                 | 46.9 |
| 2040 | 22 506                        | 10 719 | 11 786 | 10.0                          | 59.0  | 31.0 | 16.9                 | 52.6 |
| 2044 | 21 967                        | 10 406 | 11 561 | 9.5                           | 56.4  | 34.1 | 16.9                 | 60.5 |
| 2048 | 21 306                        | 10 052 | 11 254 | 9.3                           | 53.8  | 36.9 | 17.2                 | 68.5 |
| 2052 | 20 542                        | 9 663  | 10 880 | 9.2                           | 52.3  | 38.5 | 17.5                 | 73.6 |
| 2056 | 19 712                        | 9 249  | 10 463 | 9.3                           | 50.7  | 40.1 | 18.3                 | 79.0 |
| 2060 | 18 838                        | 8 821  | 10 016 | 9.4                           | 48.9  | 41.6 | 19.3                 | 85.1 |

Notes : Data are based on the population at the end of year, and adopted medium projection.

## MANPOWER

This chapter is concerned with labor force, employment, labor productivity, occupational injuries, labor disputes and labor unions. The first three kinds of data are mainly obtained from the results produced by the manpower resource survey and the employees' earnings survey regularly conducted by the Directorate General of Budget, Accounting and Statistics, Executive Yuan, which are incorporated in the *Yearbook of Manpower Survey Statistics*, the *Monthly Bulletin of Manpower Statistics*, the *Yearbook of Earnings and Productivity Statistics*, and the *Monthly Bulletin of Earnings and Productivity Statistics*. Data on occupational injuries, labor disputes and labor unions come from the official statistics compiled by the Council of Labor Affairs (CLA) and incorporated in the *Yearbook of Labor Statistics* published by CLA.

The manpower resource survey, conducted once a month, and the week containing the fifteenth day of a month is set as the reference week. The survey covers all the population of age 15 or over who are engaged in economic activities in Taiwan Area (Kinmen County and Lienchiang County excluded), but excludes those in active military services and in prison. Everyone is classified into only one of the following three slots; employment, unemployment, or not in labor force. Where a person in employment has more than one job, the job occupying the longest working time in the reference week is counted as his job. The survey adopts the two-stage stratified sampling method with the basic administration unit of Tsun or Li as the first stage sampling unit and the household as the second stage sampling unit.

In the employees' earnings survey, unless otherwise specified, the number of employees on payroll at the end of a month is collected while earning, working hours and turnover of employees at the end of each month during a year. The employees' earnings, working hours, accession and separation are monthly data multiply the number of employees of the month. Then calculate the 12-month weighted average. The object of this survey are public and private firms and their employees in Taiwan Area (Kinmen County and Lienchiang County excluded), excluding the factories owned by the Ministry of National Defense, consumers cooperatives, workshops of schools, relief institutions and prisons. In the survey period, if a surveyed worker has two jobs, these two jobs will both be counted, a way different from that for the manpower resource survey. The survey adopts both of the complete investigation approach and the cut-off stratified random sampling approach which uses the Dalenius-Hodges approximate optimum method for stratum division and the Neyman optimum Allocation for allocation of samples in each stratum. The survey is conducted in accordance with the 8th revision of Standard Industrial Classification of the Republic of China.

Labor force -- It is defined as those civilians who, during the reference week, are 15 years of age or over and who are available to work, including both the employed and the unemployed. The employed population comprise all the persons who, during the reference week, work for pay or work for 15 hours or more as unpaid family workers. The unemployed population comprise all the persons who, during the reference week, are 15 years of age or over and under the following conditions: (1) jobless, (2) available to work, (3) seeking a job or waiting for results after job seeking. Besides, the unemployed population also includes the persons who are waiting to recall or start a new job but not working and paid yet.

Not in Labor Force -- The category comprises those civilians who during the reference week are 15 years or over and not in labor force, including the persons who intend to work but not seeking for , attending schools, being engaged in housekeeping, aged, disabled, or with some other reasons so that unemployed and not seeking for a job.

Number of Employees -- The employees refer to those white and blue collar workers on payroll at the end of a month, including full-time and part-time workers, permanent workers, temporary workers under projects, contract workers, students working under cooperation programs between industries and schools (excluding who do not work for a full month), and apprentices with pay. Also included are those who are temporarily on leave, such as going abroad on official trip, training, transfer, military training, education, illness, vacation, marriage, and child delivery. However, excluded are: (1) employers participating the operation without pay, own-account workers, and unpaid family workers, (2) members of boards of directors, supervisors and advisors not actually participating the operation, (3) there drafted for military service with partial pay, without participating in operation for the entire month, (4) contracted workers outside the factories and paid by piece of work.

Earnings of Employees -- The earnings of an employee are composed of the following three categories: (1) Regular earnings: It refers to regular rewards paid to employees every month. Included in the regular earnings are basic pay, regular allowance and awards such as housing allowance, transportation allowance, free meals, free water and electricity, regularly (production, good job-rating, good sales, etc.) performance awards, full attendance award, etc. Pay in kind should be converted into value at the current prices. The regular earnings should include payable income tax, insurance premium and labor union fees. (2) Over time pay: it refers to the rewards paid for employees working overtime. (3) Other irregular earnings: Included are performance awards, full attendance award, year-end bonus, bonus for Dragon Festival and/or other festivals, official trip per diems, and job transfer allowance.

Productivity -- The productivity data can be classified into labor productivity, capital productivity, and multi-factor productivity. This chapter includes only the labor productivity measured by value of output which is specifically defined as the real value of output produced by an employee within a unit of time. It is derived by dividing the total input into the total output. The real gross domestic product (GDP) as shown in the national income product account (NIPA) is the output while the working hours of an employee, derived jointly from the manpower resource survey and the employees' earnings survey, are the input. Information and compilation methods for labor productivity measured by quantum of output and multi-factor productivity, please see the *Trends in Labor Productivity* and the *Trends in Multi-factor Productivity* all published by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan.

Labor Union -- The number of labor unions refers to the total of labor union federation, industrial labor unions, and trade (occupational labor) unions. The industrial labor union refers to a union organized within an industry and composed of workers of different occupations. The trade union refers to a labor union organized by workers of a specific occupation. The labor union federation refers to an organization formed by several industrial labor unions and/or trade unions. For information on operation and activities of labor unions, please refer to the *Yearbook of Labor Statistics* published by the Council of Labor Affairs.

**Table 21. Important labor force status**

Thousands

| Year      | Total population | Persons aged 15 years and over |        | Labor force |        |            |        |            |        | Not in labor force |        |
|-----------|------------------|--------------------------------|--------|-------------|--------|------------|--------|------------|--------|--------------------|--------|
|           |                  |                                |        | Total       |        | Employed   |        | Unemployed |        |                    |        |
|           |                  | Both sexes                     | Female | Both sexes  | Female | Both sexes | Female | Both sexes | Female | Both sexes         | Female |
| Ave. 1981 | 17 974           | 11 698                         | 5 833  | 6 764       | 2 261  | 6 672      | 2 224  | 92         | 37     | 4 934              | 3 572  |
| Ave. 1982 | 18 293           | 12 013                         | 5 990  | 6 959       | 2 354  | 6 811      | 2 301  | 149        | 53     | 5 054              | 3 636  |
| Ave. 1983 | 18 603           | 12 263                         | 6 126  | 7 266       | 2 580  | 7 070      | 2 509  | 197        | 71     | 4 996              | 3 546  |
| Ave. 1984 | 18 865           | 12 544                         | 6 267  | 7 491       | 2 713  | 7 308      | 2 647  | 183        | 67     | 5 052              | 3 553  |
| Ave. 1985 | 19 132           | 12 860                         | 6 420  | 7 651       | 2 790  | 7 428      | 2 709  | 222        | 81     | 5 210              | 3 630  |
| Ave. 1986 | 19 363           | 13 161                         | 6 565  | 7 945       | 2 988  | 7 733      | 2 912  | 212        | 75     | 5 216              | 3 577  |
| Ave. 1987 | 19 559           | 13 432                         | 6 700  | 8 183       | 3 118  | 8 022      | 3 057  | 161        | 61     | 5 248              | 3 581  |
| Ave. 1988 | 19 781           | 13 696                         | 6 840  | 8 247       | 3 116  | 8 107      | 3 064  | 139        | 52     | 5 449              | 3 724  |
| Ave. 1989 | 20 008           | 13 955                         | 6 966  | 8 390       | 3 159  | 8 258      | 3 110  | 132        | 49     | 5 565              | 3 807  |
| Ave. 1990 | 20 233           | 14 219                         | 7 102  | 8 423       | 3 160  | 8 283      | 3 108  | 140        | 52     | 5 795              | 3 942  |
| Ave. 1991 | 20 456           | 14 496                         | 7 240  | 8 569       | 3 214  | 8 439      | 3 165  | 130        | 49     | 5 927              | 4 026  |
| Ave. 1992 | 20 652           | 14 771                         | 7 370  | 8 765       | 3 304  | 8 632      | 3 252  | 132        | 52     | 6 006              | 4 066  |
| Ave. 1993 | 20 841           | 15 087                         | 7 522  | 8 874       | 3 377  | 8 745      | 3 323  | 128        | 54     | 6 213              | 4 145  |
| Ave. 1994 | 21 037           | 15 401                         | 7 677  | 9 081       | 3 485  | 8 939      | 3 428  | 142        | 58     | 6 321              | 4 191  |
| Ave. 1995 | 21 217           | 15 687                         | 7 832  | 9 210       | 3 551  | 9 045      | 3 487  | 165        | 64     | 6 478              | 4 281  |
| Ave. 1996 | 21 383           | 15 932                         | 7 972  | 9 310       | 3 648  | 9 068      | 3 560  | 242        | 88     | 6 621              | 4 324  |
| Ave. 1997 | 21 569           | 16 170                         | 8 109  | 9 432       | 3 701  | 9 176      | 3 613  | 256        | 88     | 6 738              | 4 407  |
| Ave. 1998 | 21 784           | 16 448                         | 8 260  | 9 546       | 3 767  | 9 289      | 3 679  | 257        | 88     | 6 902              | 4 493  |
| Ave. 1999 | 21 957           | 16 687                         | 8 376  | 9 668       | 3 856  | 9 385      | 3 761  | 283        | 95     | 7 020              | 4 521  |
| Ave. 2000 | 22 126           | 16 963                         | 8 511  | 9 784       | 3 917  | 9 491      | 3 821  | 293        | 95     | 7 178              | 4 594  |
| Ave. 2001 | 22 281           | 17 179                         | 8 628  | 9 832       | 3 977  | 9 383      | 3 830  | 450        | 148    | 7 347              | 4 651  |
| Ave. 2002 | 22 397           | 17 387                         | 8 745  | 9 969       | 4 074  | 9 454      | 3 907  | 515        | 167    | 7 417              | 4 671  |
| Ave. 2003 | 22 493           | 17 572                         | 8 849  | 10 076      | 4 172  | 9 573      | 3 994  | 503        | 177    | 7 495              | 4 677  |
| Ave. 2004 | 22 574           | 17 760                         | 8 954  | 10 240      | 4 272  | 9 786      | 4 106  | 454        | 166    | 7 520              | 4 682  |
| Ave. 2005 | 22 651           | 17 949                         | 9 058  | 10 371      | 4 359  | 9 942      | 4 190  | 428        | 169    | 7 578              | 4 700  |
| Ave. 2006 | 22 738           | 18 166                         | 9 175  | 10 522      | 4 467  | 10 111     | 4 301  | 411        | 166    | 7 644              | 4 708  |
| Ave. 2007 | 22 821           | 18 392                         | 9 297  | 10 713      | 4 597  | 10 294     | 4 426  | 419        | 171    | 7 679              | 4 700  |
| Ave. 2008 | 22 905           | 18 623                         | 9 422  | 10 853      | 4 680  | 10 403     | 4 501  | 450        | 179    | 7 770              | 4 742  |
| Ave. 2009 | 22 977           | 18 855                         | 9 547  | 10 917      | 4 737  | 10 279     | 4 502  | 639        | 235    | 7 937              | 4 810  |
| Ave. 2010 | 23 036           | 19 062                         | 9 678  | 11 070      | 4 828  | 10 493     | 4 613  | 577        | 215    | 7 992              | 4 849  |

Table 22. Important indicators of labor force status

%

| Year      | Labor force                 |                                |       |        | Labor force participation rate of 65 years & over | Employed                    |                                    |                        | Percent of unemployed to labor force |
|-----------|-----------------------------|--------------------------------|-------|--------|---|-----------------------------|------------------------------------|------------------------|--------------------------------------|
|           | Percent of total Population | Labor force participation rate |       |        |   | Percent of total population | Percent of persons 15 years & over | Percent of labor force |                                      |
|           |                             | Both sexes                     | Male  | Female |   |                             |                                    |                        |                                      |
| Ave. 1981 | 37.63                       | 57.82                          | 76.78 | 38.76  | 8.55  | 37.12                       | 57.04                              | 98.64                  | 1.36                                 |
| Ave. 1982 | 38.04                       | 57.93                          | 76.47 | 39.30  | 8.48  | 37.23                       | 56.69                              | 97.86                  | 2.14                                 |
| Ave. 1983 | 39.06                       | 59.26                          | 76.36 | 42.12  | 9.11  | 38.00                       | 57.65                              | 97.29                  | 2.71                                 |
| Ave. 1984 | 39.71                       | 59.72                          | 76.11 | 43.30  | 9.07  | 38.74                       | 58.26                              | 97.55                  | 2.45                                 |
| Ave. 1985 | 39.99                       | 59.49                          | 75.47 | 43.46  | 9.74  | 38.83                       | 57.76                              | 97.09                  | 2.91                                 |
| Ave. 1986 | 41.03                       | 60.37                          | 75.15 | 45.51  | 10.53   | 39.94                       | 58.76                              | 97.34                  | 2.66                                 |
| Ave. 1987 | 41.84                       | 60.93                          | 75.24 | 46.54  | 10.59   | 41.02                       | 59.73                              | 98.03                  | 1.97                                 |
| Ave. 1988 | 41.69                       | 60.21                          | 74.83 | 45.56  | 9.64  | 40.99                       | 59.19                              | 98.31                  | 1.69                                 |
| Ave. 1989 | 41.93                       | 60.12                          | 74.84 | 45.35  | 10.34   | 41.27                       | 59.18                              | 98.43                  | 1.57                                 |
| Ave. 1990 | 41.63                       | 59.24                          | 73.96 | 44.50  | 9.77  | 40.94                       | 58.25                              | 98.33                  | 1.67                                 |
| Ave. 1991 | 41.89                       | 59.11                          | 73.80 | 44.39  | 9.93  | 41.25                       | 58.22                              | 98.49                  | 1.51                                 |
| Ave. 1992 | 42.44                       | 59.34                          | 73.78 | 44.83  | 9.69  | 41.80                       | 58.44                              | 98.49                  | 1.51                                 |
| Ave. 1993 | 42.58                       | 58.82                          | 72.67 | 44.89  | 9.83  | 41.96                       | 57.97                              | 98.55                  | 1.45                                 |
| Ave. 1994 | 43.17                       | 58.96                          | 72.44 | 45.40  | 9.68  | 42.49                       | 58.04                              | 98.44                  | 1.56                                 |
| Ave. 1995 | 43.41                       | 58.71                          | 72.03 | 45.34  | 9.79  | 42.63                       | 57.66                              | 98.21                  | 1.79                                 |
| Ave. 1996 | 43.54                       | 58.44                          | 71.13 | 45.76  | 8.95  | 42.41                       | 56.92                              | 97.40                  | 2.60                                 |
| Ave. 1997 | 43.73                       | 58.33                          | 71.09 | 45.64  | 8.76  | 42.54                       | 56.74                              | 97.28                  | 2.72                                 |
| Ave. 1998 | 43.82                       | 58.04                          | 70.58 | 45.60  | 8.51  | 42.64                       | 56.48                              | 97.31                  | 2.69                                 |
| Ave. 1999 | 44.03                       | 57.93                          | 69.93 | 46.03  | 7.92  | 42.74                       | 56.24                              | 97.08                  | 2.92                                 |
| Ave. 2000 | 44.22                       | 57.68                          | 69.42 | 46.02  | 7.71  | 42.90                       | 55.95                              | 97.01                  | 2.99                                 |
| Ave. 2001 | 44.13                       | 57.23                          | 68.47 | 46.10  | 7.39  | 42.11                       | 54.62                              | 95.43                  | 4.57                                 |
| Ave. 2002 | 44.51                       | 57.34                          | 68.22 | 46.59  | 7.79  | 42.21                       | 54.38                              | 94.83                  | 5.17                                 |
| Ave. 2003 | 44.80                       | 57.34                          | 67.69 | 47.14  | 7.78  | 42.56                       | 54.48                              | 95.01                  | 4.99                                 |
| Ave. 2004 | 45.36                       | 57.66                          | 67.78 | 47.71  | 7.42  | 43.35                       | 55.10                              | 95.56                  | 4.44                                 |
| Ave. 2005 | 45.78                       | 57.78                          | 67.62 | 48.12  | 7.27  | 43.89                       | 55.39                              | 95.87                  | 4.13                                 |
| Ave. 2006 | 46.28                       | 57.92                          | 67.35 | 48.68  | 7.58  | 44.47                       | 55.66                              | 96.09                  | 3.91                                 |
| Ave. 2007 | 46.94                       | 58.25                          | 67.24 | 49.44  | 8.13  | 45.11                       | 55.97                              | 96.09                  | 3.91                                 |
| Ave. 2008 | 47.38                       | 58.28                          | 67.09 | 49.67  | 8.10  | 45.42                       | 55.86                              | 95.86                  | 4.14                                 |
| Ave. 2009 | 47.51                       | 57.90                          | 66.40 | 49.62  | 8.05  | 44.73                       | 54.51                              | 94.15                  | 5.85                                 |
| Ave. 2010 | 48.06                       | 58.07                          | 66.51 | 49.89  | 8.09  | 45.55                       | 55.05                              | 94.79                  | 5.21                                 |

**Table 23. Persons not in the labor force by reason for nonparticipation**

Thousand persons

| Year      | Total | Intend and be available to work but not seeking | Attending school or rebrushing to take entrance exams | Housekeeping | Old age or disable | Others |
|-----------|-------|---|---|--------------|--------------------|--------|
| Ave. 1981 | 4 934 | 60  | 1 303   | 2 575        | 756                | 241    |
| Ave. 1982 | 5 054 | 68  | 1 337   | 2 587        | 782                | 280    |
| Ave. 1983 | 4 996 | 77  | 1 337   | 2 482        | 805                | 296    |
| Ave. 1984 | 5 052 | 77  | 1 383   | 2 452        | 842                | 298    |
| Ave. 1985 | 5 210 | 86  | 1 426   | 2 491        | 885                | 322    |
| Ave. 1986 | 5 216 | 90  | 1 448   | 2 418        | 914                | 346    |
| Ave. 1987 | 5 248 | 80  | 1 488   | 2 391        | 953                | 336    |
| Ave. 1988 | 5 449 | 75  | 1 561   | 2 460        | 1 015              | 338    |
| Ave. 1989 | 5 565 | 75  | 1 588   | 2 513        | 1 051              | 338    |
| Ave. 1990 | 5 795 | 85  | 1 662   | 2 597        | 1 100              | 351    |
| Ave. 1991 | 5 927 | 85  | 1 721   | 2 636        | 1 155              | 329    |
| Ave. 1992 | 6 006 | 68  | 1 778   | 2 606        | 1 220              | 335    |
| Ave. 1993 | 6 213 | 84  | 1 890   | 2 596        | 1 304              | 338    |
| Ave. 1994 | 6 321 | 86  | 1 909   | 2 611        | 1 368              | 347    |
| Ave. 1995 | 6 478 | 107   | 1 951   | 2 624        | 1 438              | 357    |
| Ave. 1996 | 6 621 | 119   | 2 003   | 2 595        | 1 527              | 376    |
| Ave. 1997 | 6 738 | 107   | 2 059   | 2 607        | 1 592              | 373    |
| Ave. 1998 | 6 902 | 115   | 2 089   | 2 642        | 1 656              | 399    |
| Ave. 1999 | 7 020 | 142   | 2 090   | 2 639        | 1 704              | 444    |
| Ave. 2000 | 7 178 | 147   | 2 129   | 2 673        | 1 766              | 463    |
| Ave. 2001 | 7 347 | 201   | 2 156   | 2 673        | 1 831              | 486    |
| Ave. 2002 | 7 417 | 225   | 2 139   | 2 672        | 1 865              | 517    |
| Ave. 2003 | 7 495 | 229   | 2 154   | 2 634        | 1 921              | 558    |
| Ave. 2004 | 7 520 | 230   | 2 147   | 2 567        | 1 994              | 580    |
| Ave. 2005 | 7 578 | 209   | 2 155   | 2 523        | 2 075              | 616    |
| Ave. 2006 | 7 644 | 198   | 2 190   | 2 445        | 2 121              | 691    |
| Ave. 2007 | 7 679 | 191   | 2 187   | 2 386        | 2 146              | 769    |
| Ave. 2008 | 7 770 | 168   | 2 178   | 2 376        | 2 211              | 838    |
| Ave. 2009 | 7 937 | 177   | 2 197   | 2 366        | 2 305              | 893    |
| Ave. 2010 | 7 992 | 161   | 2 167   | 2 364        | 2 350              | 950    |

Table 24. Labor force

| Year      | Number (Thousands) |       |       |       |       |       |       |       |       |       |       |     |
|-----------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
|           | All ages           | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65+ |
| Ave. 1981 | 6 764              | 778   | 986   | 1 181 | 829   | 666   | 628   | 547   | 519   | 370   | 193   | 67  |
| Ave. 1982 | 6 959              | 743   | 1 006 | 1 212 | 975   | 640   | 649   | 555   | 521   | 387   | 203   | 68  |
| Ave. 1983 | 7 266              | 716   | 1 043 | 1 266 | 1 091 | 685   | 671   | 569   | 520   | 411   | 218   | 76  |
| Ave. 1984 | 7 491              | 671   | 1 064 | 1 314 | 1 166 | 740   | 688   | 588   | 521   | 431   | 228   | 80  |
| Ave. 1985 | 7 651              | 633   | 1 057 | 1 341 | 1 226 | 825   | 678   | 604   | 515   | 440   | 240   | 92  |
| Ave. 1986 | 7 945              | 620   | 1 083 | 1 383 | 1 289 | 954   | 670   | 633   | 515   | 447   | 246   | 106 |
| Ave. 1987 | 8 183              | 587   | 1 096 | 1 421 | 1 332 | 1 067 | 678   | 650   | 520   | 454   | 267   | 112 |
| Ave. 1988 | 8 247              | 525   | 1 058 | 1 449 | 1 348 | 1 140 | 701   | 659   | 526   | 454   | 279   | 108 |
| Ave. 1989 | 8 390              | 492   | 1 046 | 1 471 | 1 372 | 1 199 | 750   | 662   | 535   | 448   | 293   | 121 |
| Ave. 1990 | 8 423              | 432   | 1 016 | 1 478 | 1 396 | 1 252 | 808   | 654   | 541   | 431   | 294   | 120 |
| Ave. 1991 | 8 569              | 405   | 1 005 | 1 482 | 1 406 | 1 296 | 930   | 626   | 561   | 425   | 305   | 129 |
| Ave. 1992 | 8 765              | 377   | 999   | 1 484 | 1 444 | 1 342 | 1 038 | 637   | 576   | 429   | 307   | 132 |
| Ave. 1993 | 8 874              | 357   | 984   | 1 456 | 1 469 | 1 367 | 1 123 | 659   | 581   | 432   | 305   | 142 |
| Ave. 1994 | 9 081              | 381   | 979   | 1 450 | 1 492 | 1 399 | 1 207 | 706   | 588   | 435   | 295   | 147 |
| Ave. 1995 | 9 210              | 378   | 948   | 1 446 | 1 497 | 1 427 | 1 263 | 784   | 570   | 445   | 295   | 156 |
| Ave. 1996 | 9 310              | 365   | 928   | 1 440 | 1 505 | 1 448 | 1 311 | 887   | 544   | 451   | 283   | 149 |
| Ave. 1997 | 9 432              | 349   | 933   | 1 429 | 1 498 | 1 471 | 1 333 | 987   | 542   | 455   | 285   | 150 |
| Ave. 1998 | 9 546              | 312   | 947   | 1 432 | 1 493 | 1 501 | 1 357 | 1 054 | 575   | 449   | 277   | 151 |
| Ave. 1999 | 9 668              | 303   | 985   | 1 422 | 1 483 | 1 509 | 1 382 | 1 108 | 622   | 434   | 276   | 144 |
| Ave. 2000 | 9 784              | 280   | 1 003 | 1 422 | 1 481 | 1 520 | 1 410 | 1 164 | 671   | 419   | 270   | 145 |
| Ave. 2001 | 9 832              | 246   | 1 001 | 1 412 | 1 475 | 1 531 | 1 420 | 1 211 | 732   | 396   | 265   | 143 |
| Ave. 2002 | 9 969              | 223   | 992   | 1 452 | 1 476 | 1 519 | 1 448 | 1 222 | 820   | 395   | 268   | 155 |
| Ave. 2003 | 10 076             | 192   | 952   | 1 482 | 1 469 | 1 509 | 1 478 | 1 260 | 895   | 407   | 273   | 160 |
| Ave. 2004 | 10 240             | 175   | 934   | 1 538 | 1 458 | 1 510 | 1 501 | 1 303 | 955   | 439   | 271   | 156 |
| Ave. 2005 | 10 371             | 164   | 892   | 1 595 | 1 452 | 1 508 | 1 511 | 1 338 | 1 010 | 485   | 258   | 158 |
| Ave. 2006 | 10 522             | 154   | 851   | 1 636 | 1 479 | 1 514 | 1 529 | 1 352 | 1 049 | 548   | 241   | 170 |
| Ave. 2007 | 10 713             | 155   | 819   | 1 640 | 1 528 | 1 511 | 1 533 | 1 384 | 1 079 | 630   | 246   | 187 |
| Ave. 2008 | 10 853             | 154   | 777   | 1 650 | 1 569 | 1 512 | 1 519 | 1 425 | 1 107 | 693   | 256   | 191 |
| Ave. 2009 | 10 917             | 139   | 736   | 1 639 | 1 628 | 1 503 | 1 508 | 1 441 | 1 130 | 723   | 276   | 194 |
| Ave. 2010 | 11 070             | 141   | 732   | 1 614 | 1 676 | 1 494 | 1 515 | 1 458 | 1 156 | 775   | 310   | 199 |



## by age

| Structure (%) |       |       |       |       |       |       |       |       |       |       |      |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| All ages      | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65+  |
| 100.00        | 11.50 | 14.58 | 17.46 | 12.26 | 9.84  | 9.29  | 8.08  | 7.67  | 5.46  | 2.86  | 0.99 |
| 100.00        | 10.67 | 14.46 | 17.42 | 14.01 | 9.20  | 9.33  | 7.97  | 7.48  | 5.55  | 2.92  | 0.98 |
| 100.00        | 9.85  | 14.36 | 17.42 | 15.01 | 9.42  | 9.23  | 7.84  | 7.16  | 5.66  | 3.00  | 1.04 |
| 100.00        | 8.96  | 14.21 | 17.53 | 15.56 | 9.88  | 9.19  | 7.85  | 6.95  | 5.76  | 3.05  | 1.07 |
| 100.00        | 8.28  | 13.82 | 17.53 | 16.02 | 10.79 | 8.86  | 7.90  | 6.73  | 5.75  | 3.13  | 1.20 |
| 100.00        | 7.80  | 13.64 | 17.40 | 16.22 | 12.00 | 8.43  | 7.97  | 6.48  | 5.62  | 3.10  | 1.33 |
| 100.00        | 7.17  | 13.39 | 17.37 | 16.27 | 13.04 | 8.28  | 7.94  | 6.36  | 5.54  | 3.26  | 1.37 |
| 100.00        | 6.37  | 12.83 | 17.57 | 16.34 | 13.82 | 8.50  | 7.99  | 6.38  | 5.51  | 3.38  | 1.30 |
| 100.00        | 5.86  | 12.47 | 17.54 | 16.36 | 14.30 | 8.94  | 7.89  | 6.38  | 5.34  | 3.49  | 1.44 |
| 100.00        | 5.13  | 12.07 | 17.55 | 16.57 | 14.87 | 9.60  | 7.77  | 6.43  | 5.11  | 3.49  | 1.42 |
| 100.00        | 4.73  | 11.72 | 17.29 | 16.40 | 15.13 | 10.86 | 7.30  | 6.54  | 4.96  | 3.56  | 1.51 |
| 100.00        | 4.30  | 11.40 | 16.93 | 16.47 | 15.31 | 11.84 | 7.27  | 6.57  | 4.90  | 3.51  | 1.51 |
| 100.00        | 4.02  | 11.08 | 16.41 | 16.56 | 15.40 | 12.65 | 7.42  | 6.55  | 4.87  | 3.44  | 1.60 |
| 100.00        | 4.20  | 10.78 | 15.97 | 16.43 | 15.40 | 13.29 | 7.78  | 6.48  | 4.79  | 3.25  | 1.62 |
| 100.00        | 4.10  | 10.30 | 15.70 | 16.25 | 15.50 | 13.72 | 8.51  | 6.19  | 4.83  | 3.20  | 1.69 |
| 100.00        | 3.92  | 9.96  | 15.46 | 16.17 | 15.55 | 14.08 | 9.52  | 5.85  | 4.85  | 3.04  | 1.60 |
| 100.00        | 3.70  | 9.89  | 15.15 | 15.88 | 15.59 | 14.13 | 10.46 | 5.75  | 4.83  | 3.02  | 1.59 |
| 100.00        | 3.27  | 9.92  | 15.00 | 15.63 | 15.72 | 14.22 | 11.04 | 6.02  | 4.70  | 2.90  | 1.58 |
| 100.00        | 3.14  | 10.18 | 14.71 | 15.34 | 15.61 | 14.30 | 11.46 | 6.43  | 4.49  | 2.85  | 1.49 |
| 100.00        | 2.86  | 10.25 | 14.53 | 15.14 | 15.54 | 14.41 | 11.90 | 6.85  | 4.29  | 2.76  | 1.48 |
| 100.00        | 2.50  | 10.18 | 14.36 | 15.00 | 15.57 | 14.45 | 12.32 | 7.44  | 4.03  | 2.70  | 1.45 |
| 100.00        | 2.23  | 9.95  | 14.57 | 14.80 | 15.23 | 14.53 | 12.26 | 8.22  | 3.96  | 2.69  | 1.56 |
| 100.00        | 1.90  | 9.45  | 14.71 | 14.58 | 14.98 | 14.67 | 12.51 | 8.88  | 4.04  | 2.71  | 1.58 |
| 100.00        | 1.71  | 9.12  | 15.02 | 14.24 | 14.74 | 14.66 | 12.72 | 9.33  | 4.29  | 2.64  | 1.53 |
| 100.00        | 1.58  | 8.60  | 15.38 | 14.00 | 14.54 | 14.57 | 12.90 | 9.74  | 4.68  | 2.49  | 1.52 |
| 100.00        | 1.46  | 8.09  | 15.55 | 14.05 | 14.39 | 14.53 | 12.85 | 9.97  | 5.20  | 2.29  | 1.61 |
| 100.00        | 1.45  | 7.64  | 15.31 | 14.27 | 14.10 | 14.31 | 12.92 | 10.07 | 5.88  | 2.30  | 1.74 |
| 100.00        | 1.42  | 7.16  | 15.21 | 14.45 | 13.93 | 14.00 | 13.13 | 10.20 | 6.38  | 2.36  | 1.76 |
| 100.00        | 1.28  | 6.74  | 15.01 | 14.91 | 13.77 | 13.81 | 13.20 | 10.35 | 6.62  | 2.53  | 1.78 |
| 100.00        | 1.27  | 6.61  | 14.58 | 15.14 | 13.50 | 13.69 | 13.17 | 10.45 | 7.00  | 2.80  | 1.80 |

Table 25. Employed

| Year      | Total | Agriculture, forestry,<br>fishing & animal<br>husbandry | Mining & quarrying | Manufacturing | Electricity, gas &<br>water |
|-----------|-------|---|--------------------|---------------|-----------------------------|
| Ave. 1987 | 8 022 | 1 226   | 31                 | 2 821         | 35                          |
| Ave. 1988 | 8 107 | 1 113   | 28                 | 2 802         | 35                          |
| Ave. 1989 | 8 258 | 1 066   | 24                 | 2 796         | 35                          |
| Ave. 1990 | 8 283 | 1 064   | 20                 | 2 653         | 36                          |
| Ave. 1991 | 8 439 | 1 093   | 19                 | 2 598         | 37                          |
| Ave. 1992 | 8 632 | 1 065   | 18                 | 2 585         | 37                          |
| Ave. 1993 | 8 745 | 1 005   | 19                 | 2 483         | 36                          |
| Ave. 1994 | 8 939 | 976   | 18                 | 2 485         | 36                          |
| Ave. 1995 | 9 045 | 954   | 15                 | 2 449         | 36                          |
| Ave. 1996 | 9 068 | 918   | 14                 | 2 422         | 35                          |
| Ave. 1997 | 9 176 | 878   | 13                 | 2 570         | 35                          |
| Ave. 1998 | 9 289 | 822   | 12                 | 2 611         | 35                          |
| Ave. 1999 | 9 385 | 776   | 11                 | 2 603         | 35                          |
| Ave. 2000 | 9 491 | 740   | 11                 | 2 655         | 36                          |

  

| Year      | Total  | Agriculture,<br>forestry,<br>fishing &<br>animal<br>husbandry | Mining &<br>quarrying | Manufactur-<br>ing | Electricity<br>& gas<br>supply | Water<br>supply &<br>remediation<br>services | Construc-<br>tion | Wholesale<br>& retail trade | Transpor-<br>tation &<br>storage |
|-----------|--------|---|-----------------------|--------------------|--------------------------------|--|-------------------|-----------------------------|----------------------------------|
| Ave. 2001 | 9 383  | 706   | 10                    | 2 594              | 28                             | 54   | 745               | 1 679                       | 421                              |
| Ave. 2002 | 9 454  | 709   | 9                     | 2 572              | 28                             | 55   | 724               | 1 693                       | 407                              |
| Ave. 2003 | 9 573  | 696   | 9                     | 2 600              | 29                             | 59   | 701               | 1 698                       | 414                              |
| Ave. 2004 | 9 786  | 642   | 7                     | 2 681              | 29                             | 64   | 732               | 1 726                       | 419                              |
| Ave. 2005 | 9 942  | 590   | 7                     | 2 732              | 28                             | 61   | 791               | 1 726                       | 412                              |
| Ave. 2006 | 10 111 | 554   | 7                     | 2 777              | 28                             | 60   | 829               | 1 759                       | 417                              |
| Ave. 2007 | 10 294 | 543   | 6                     | 2 842              | 28                             | 65   | 846               | 1 782                       | 415                              |
| Ave. 2008 | 10 403 | 535   | 6                     | 2 886              | 28                             | 71   | 842               | 1 770                       | 414                              |
| Ave. 2009 | 10 279 | 543   | 5                     | 2 790              | 29                             | 73   | 788               | 1 735                       | 402                              |
| Ave. 2010 | 10 493 | 550   | 4                     | 2 861              | 29                             | 78   | 797               | 1 747                       | 404                              |

Notes : Figures are based on the 8th revised edition of R.O.C Standard Industrial Classification System from 2001.

## persons by industry

Thousand persons

| Construction | Wholesale, retail & restaurant | Transportation, storage & communication | Finance, insurance & real estate | Business services | Social & personal services | Public administration |
|--------------|--------------------------------|---|----------------------------------|-------------------|----------------------------|-----------------------|
| 544          | 1 429                          | 418                                     | 137                              | 104               | 976                        | 302                   |
| 577          | 1 530                          | 423                                     | 160                              | 122               | 1 011                      | 305                   |
| 620          | 1 605                          | 432                                     | 193                              | 130               | 1 048                      | 309                   |
| 673          | 1 621                          | 441                                     | 220                              | 148               | 1 098                      | 308                   |
| 715          | 1 712                          | 448                                     | 227                              | 149               | 1 147                      | 294                   |
| 778          | 1 771                          | 450                                     | 247                              | 171               | 1 200                      | 309                   |
| 879          | 1 806                          | 463                                     | 277                              | 205               | 1 259                      | 313                   |
| 967          | 1 875                          | 473                                     | 290                              | 214               | 1 288                      | 317                   |
| 1 003        | 1 919                          | 469                                     | 311                              | 223               | 1 347                      | 317                   |
| 928          | 1 976                          | 472                                     | 334                              | 233               | 1 412                      | 324                   |
| 885          | 1 995                          | 465                                     | 351                              | 240               | 1 421                      | 323                   |
| 865          | 2 047                          | 477                                     | 385                              | 260               | 1 461                      | 315                   |
| 843          | 2 130                          | 476                                     | 406                              | 284               | 1 502                      | 318                   |
| 832          | 2 163                          | 481                                     | 412                              | 313               | 1 534                      | 315                   |

| Accommodation & food services | Information & communication | Finance & insurance | Real estate | Professional, scientific & technical services | Support services | Public admin. & defence; compulsory social security | Education | Human health & social work services | Arts, entertainment & recreation | Other services |
|-------------------------------|-----------------------------|---------------------|-------------|---|------------------|---|-----------|-------------------------------------|----------------------------------|----------------|
| 532                           | 190                         | 373                 | 40          | 202   | 153              | 315   | 484       | 268                                 | 93                               | 496            |
| 579                           | 191                         | 380                 | 41          | 220   | 158              | 316   | 488       | 281                                 | 107                              | 496            |
| 590                           | 187                         | 378                 | 44          | 224   | 180              | 352   | 514       | 292                                 | 110                              | 497            |
| 605                           | 195                         | 390                 | 55          | 234   | 183              | 357   | 538       | 303                                 | 114                              | 510            |
| 634                           | 199                         | 406                 | 61          | 258   | 194              | 336   | 556       | 323                                 | 116                              | 513            |
| 665                           | 209                         | 407                 | 66          | 264   | 205              | 334   | 563       | 334                                 | 111                              | 524            |
| 681                           | 206                         | 404                 | 74          | 301   | 215              | 332   | 588       | 340                                 | 101                              | 523            |
| 687                           | 203                         | 411                 | 74          | 317   | 231              | 343   | 605       | 355                                 | 98                               | 528            |
| 693                           | 207                         | 413                 | 68          | 315   | 232              | 382   | 613       | 368                                 | 96                               | 527            |
| 727                           | 208                         | 428                 | 75          | 325   | 236              | 389   | 619       | 386                                 | 98                               | 532            |

Table 26. Employed

| Year       | Number (Thousands) |   |               |   |        |   |   |   |
|------------|--------------------|---|---------------|---|--------|---|---|---|
|            | Total              | Legislators,<br>government<br>administrators,<br>business<br>executives &<br>managers | Professionals | Technicians &<br>associate<br>professionals | Clerks | Service<br>workers &<br>shop &<br>market sales<br>workers | Agricultural,<br>animal<br>husbandry<br>forestry & fishing<br>workers | Prod. &<br>machine<br>operators &<br>related<br>workers |
| Ave., 1981 | 6 672              | 263   | 255           | 530   | 428    | 1 023   | 1 237   | 2 936   |
| Ave., 1982 | 6 811              | 258   | 265           | 547   | 455    | 1 067   | 1 261   | 2 957   |
| Ave., 1983 | 7 070              | 266   | 279           | 567   | 482    | 1 126   | 1 292   | 3 057   |
| Ave., 1984 | 7 308              | 277   | 293           | 596   | 509    | 1 170   | 1 266   | 3 197   |
| Ave. 1985  | 7 428              | 287   | 308           | 628   | 511    | 1 225   | 1 282   | 3 187   |
| Ave. 1986  | 7 733              | 298   | 328           | 674   | 540    | 1 264   | 1 304   | 3 324   |
| Ave. 1987  | 8 022              | 315   | 357           | 732   | 591    | 1 286   | 1 212   | 3 529   |
| Ave. 1988  | 8 107              | 347   | 372           | 797   | 623    | 1 359   | 1 099   | 3 510   |
| Ave. 1989  | 8 258              | 371   | 395           | 863   | 650    | 1 397   | 1 053   | 3 530   |
| Ave. 1990  | 8 283              | 391   | 427           | 963   | 661    | 1 383   | 1 054   | 3 405   |
| Ave. 1991  | 8 439              | 408   | 434           | 1 019                                       | 698    | 1 410   | 1 082   | 3 387   |
| Ave. 1992  | 8 632              | 432   | 462           | 1 088                                       | 732    | 1 440   | 1 055   | 3 424   |
| Ave. 1993  | 8 745              | 441   | 485           | 1 231                                       | 806    | 1 405   | 995   | 3 382   |
| Ave. 1994  | 8 939              | 436   | 479           | 1 296                                       | 839    | 1 438   | 965   | 3 486   |
| Ave. 1995  | 9 045              | 436   | 500           | 1 338                                       | 877    | 1 479   | 942   | 3 473   |
| Ave. 1996  | 9 068              | 429   | 542           | 1 376                                       | 922    | 1 530   | 906   | 3 362   |
| Ave. 1997  | 9 176              | 420   | 560           | 1 426                                       | 938    | 1 550   | 865   | 3 416   |
| Ave. 1998  | 9 289              | 425   | 578           | 1 498                                       | 955    | 1 597   | 810   | 3 426   |
| Ave. 1999  | 9 385              | 414   | 601           | 1 571                                       | 995    | 1 667   | 764   | 3 373   |
| Ave. 2000  | 9 491              | 412   | 610           | 1 591                                       | 1 027  | 1 712   | 726   | 3 413   |
| Ave. 2001  | 9 383              | 406   | 615           | 1 615                                       | 1 025  | 1 745   | 695   | 3 281   |
| Ave. 2002  | 9 454              | 424   | 649           | 1 662                                       | 1 041  | 1 791   | 699   | 3 188   |
| Ave. 2003  | 9 573              | 427   | 678           | 1 716                                       | 1 062  | 1 817   | 683   | 3 191   |
| Ave. 2004  | 9 786              | 447   | 726           | 1 774                                       | 1 106  | 1 849   | 629   | 3 256   |
| Ave. 2005  | 9 942              | 449   | 795           | 1 834                                       | 1 132  | 1 866   | 578   | 3 289   |
| Ave. 2006  | 10 111             | 452   | 831           | 1 929                                       | 1 138  | 1 926   | 541   | 3 293   |
| Ave. 2007  | 10 294             | 462   | 866           | 2 020                                       | 1 133  | 1 964   | 531   | 3 319   |
| Ave. 2008  | 10 403             | 461   | 913           | 2 134                                       | 1 124  | 1 938   | 519   | 3 314   |
| Ave. 2009  | 10 279             | 442   | 912           | 2 169                                       | 1 139  | 1 919   | 528   | 3 170   |
| Ave. 2010  | 10 493             | 439   | 921           | 2 189                                       | 1 210  | 1 977   | 535   | 3 223   |

## persons by occupation

| Structure (%) |   |               |   |        |  |   |  |
|---------------|---|---------------|---|--------|--|---|--|
| Total         | Legislators,<br>government<br>administrators,<br>business<br>executives &<br>managers | Professionals | Technicians &<br>associate<br>professionals | Clerks | Service workers<br>& shop &<br>market sales<br>workers | Agricultural,<br>animal<br>husbandry<br>forestry & fishing<br>workers | Prod. &<br>machine<br>operators &<br>related workers |
| 100.00        | 3.95  | 3.82          | 7.94  | 6.41   | 15.33  | 18.55   | 44.01  |
| 100.00        | 3.79  | 3.89          | 8.03  | 6.68   | 15.67  | 18.51   | 43.42  |
| 100.00        | 3.76  | 3.95          | 8.02  | 6.82   | 15.93  | 18.28   | 43.24  |
| 100.00        | 3.78  | 4.01          | 8.16  | 6.97   | 16.00  | 17.32   | 43.74  |
| 100.00        | 3.86  | 4.15          | 8.46  | 6.88   | 16.49  | 17.26   | 42.90  |
| 100.00        | 3.86  | 4.24          | 8.71  | 6.99   | 16.35  | 16.87   | 42.98  |
| 100.00        | 3.92  | 4.45          | 9.13  | 7.37   | 16.03  | 15.11   | 43.99  |
| 100.00        | 4.28  | 4.59          | 9.83  | 7.68   | 16.76  | 13.56   | 43.29  |
| 100.00        | 4.49  | 4.78          | 10.45                                       | 7.88   | 16.92  | 12.75   | 42.74  |
| 100.00        | 4.72  | 5.15          | 11.63                                       | 7.98   | 16.69  | 12.73   | 41.11  |
| 100.00        | 4.84  | 5.15          | 12.08                                       | 8.27   | 16.71  | 12.82   | 40.14  |
| 100.00        | 5.00  | 5.35          | 12.60                                       | 8.48   | 16.68  | 12.22   | 39.66  |
| 100.00        | 5.04  | 5.54          | 14.08                                       | 9.22   | 16.06  | 11.38   | 38.67  |
| 100.00        | 4.88  | 5.35          | 14.50                                       | 9.39   | 16.09  | 10.80   | 39.00  |
| 100.00        | 4.82  | 5.53          | 14.79                                       | 9.70   | 16.35  | 10.41   | 38.40  |
| 100.00        | 4.73  | 5.98          | 15.18                                       | 10.17  | 16.87  | 10.00   | 37.08  |
| 100.00        | 4.58  | 6.10          | 15.54                                       | 10.22  | 16.89  | 9.43  | 37.23  |
| 100.00        | 4.57  | 6.22          | 16.13                                       | 10.28  | 17.20  | 8.72  | 36.88  |
| 100.00        | 4.42  | 6.41          | 16.74                                       | 10.61  | 17.76  | 8.14  | 35.94  |
| 100.00        | 4.34  | 6.43          | 16.77                                       | 10.82  | 18.04  | 7.65  | 35.96  |
| 100.00        | 4.33  | 6.56          | 17.21                                       | 10.93  | 18.59  | 7.41  | 34.97  |
| 100.00        | 4.49  | 6.87          | 17.58                                       | 11.01  | 18.94  | 7.39  | 33.73  |
| 100.00        | 4.46  | 7.09          | 17.92                                       | 11.09  | 18.98  | 7.14  | 33.33  |
| 100.00        | 4.56  | 7.42          | 18.13                                       | 11.30  | 18.89  | 6.42  | 33.27  |
| 100.00        | 4.51  | 8.00          | 18.45                                       | 11.39  | 18.77  | 5.81  | 33.08  |
| 100.00        | 4.47  | 8.22          | 19.08                                       | 11.26  | 19.05  | 5.35  | 32.56  |
| 100.00        | 4.49  | 8.41          | 19.62                                       | 11.00  | 19.08  | 5.16  | 32.25  |
| 100.00        | 4.43  | 8.78          | 20.51                                       | 10.80  | 18.63  | 4.99  | 31.86  |
| 100.00        | 4.30  | 8.88          | 21.10                                       | 11.08  | 18.67  | 5.13  | 30.84  |
| 100.00        | 4.18  | 8.78          | 20.86                                       | 11.53  | 18.84  | 5.09  | 30.71  |

Table 27. Employed

| Year      | Number (Thousand persons) |           |                     |                       |                |         |            |
|-----------|---------------------------|-----------|---------------------|-----------------------|----------------|---------|------------|
|           | Total                     | Employers | Own-account workers | Unpaid family workers | Paid employees |         |            |
|           |                           |           |                     |                       | Sub-total      | Private | Government |
| Ave. 1981 | 6 672                     | 301       | 1 387               | 695                   | 4 289          | 3 464   | 825        |
| Ave. 1982 | 6 811                     | 291       | 1 437               | 716                   | 4 366          | 3 513   | 853        |
| Ave. 1983 | 7 070                     | 283       | 1 492               | 783                   | 4 511          | 3 647   | 864        |
| Ave. 1984 | 7 308                     | 298       | 1 513               | 787                   | 4 709          | 3 851   | 858        |
| Ave. 1985 | 7 428                     | 319       | 1 544               | 804                   | 4 761          | 3 896   | 865        |
| Ave. 1986 | 7 733                     | 331       | 1 563               | 840                   | 4 999          | 4 081   | 919        |
| Ave. 1987 | 8 022                     | 342       | 1 537               | 794                   | 5 350          | 4 415   | 935        |
| Ave. 1988 | 8 107                     | 365       | 1 534               | 772                   | 5 436          | 4 498   | 938        |
| Ave. 1989 | 8 258                     | 381       | 1 552               | 759                   | 5 567          | 4 624   | 943        |
| Ave. 1990 | 8 283                     | 399       | 1 543               | 744                   | 5 597          | 4 641   | 956        |
| Ave. 1991 | 8 439                     | 431       | 1 572               | 770                   | 5 666          | 4 700   | 966        |
| Ave. 1992 | 8 632                     | 437       | 1 572               | 768                   | 5 856          | 4 854   | 1 002      |
| Ave. 1993 | 8 745                     | 455       | 1 539               | 743                   | 6 008          | 4 981   | 1 028      |
| Ave. 1994 | 8 939                     | 471       | 1 542               | 766                   | 6 160          | 5 159   | 1 001      |
| Ave. 1995 | 9 045                     | 480       | 1 537               | 767                   | 6 260          | 5 257   | 1 003      |
| Ave. 1996 | 9 068                     | 485       | 1 538               | 758                   | 6 287          | 5 259   | 1 027      |
| Ave. 1997 | 9 176                     | 506       | 1 515               | 731                   | 6 423          | 5 400   | 1 023      |
| Ave. 1998 | 9 289                     | 506       | 1 512               | 715                   | 6 555          | 5 580   | 975        |
| Ave. 1999 | 9 385                     | 511       | 1 523               | 726                   | 6 624          | 5 663   | 961        |
| Ave. 2000 | 9 491                     | 513       | 1 523               | 710                   | 6 746          | 5 790   | 955        |
| Ave. 2001 | 9 383                     | 492       | 1 483               | 681                   | 6 727          | 5 766   | 961        |
| Ave. 2002 | 9 454                     | 492       | 1 496               | 695                   | 6 771          | 5 825   | 946        |
| Ave. 2003 | 9 573                     | 496       | 1 484               | 695                   | 6 898          | 5 910   | 988        |
| Ave. 2004 | 9 786                     | 510       | 1 458               | 686                   | 7 131          | 6 137   | 994        |
| Ave. 2005 | 9 942                     | 503       | 1 438               | 666                   | 7 336          | 6 374   | 961        |
| Ave. 2006 | 10 111                    | 517       | 1 406               | 647                   | 7 542          | 6 608   | 934        |
| Ave. 2007 | 10 294                    | 523       | 1 396               | 641                   | 7 735          | 6 803   | 932        |
| Ave. 2008 | 10 403                    | 508       | 1 374               | 619                   | 7 902          | 6 945   | 958        |
| Ave. 2009 | 10 279                    | 470       | 1 331               | 588                   | 7 889          | 6 850   | 1 040      |
| Ave. 2010 | 10 493                    | 475       | 1 329               | 585                   | 8 104          | 7 055   | 1 049      |

## persons by class of workers

| Structure (%) |           |                     |                       |                |         |            |  |
|---------------|-----------|---------------------|-----------------------|----------------|---------|------------|--|
| Total         | Employers | Own-account workers | Unpaid family workers | Paid employees |         |            |  |
|               |           |                     |                       | Sub-total      | Private | Government |  |
| 100.00        | 4.51      | 20.79               | 10.41                 | 64.28          | 51.92   | 12.36      |  |
| 100.00        | 4.27      | 21.11               | 10.51                 | 64.11          | 51.59   | 12.52      |  |
| 100.00        | 4.00      | 21.11               | 11.08                 | 63.81          | 51.59   | 12.22      |  |
| 100.00        | 4.08      | 20.71               | 10.77                 | 64.44          | 52.70   | 11.74      |  |
| 100.00        | 4.29      | 20.79               | 10.82                 | 64.10          | 52.45   | 11.65      |  |
| 100.00        | 4.28      | 20.21               | 10.86                 | 64.65          | 52.77   | 11.88      |  |
| 100.00        | 4.26      | 19.16               | 9.90                  | 66.69          | 55.03   | 11.66      |  |
| 100.00        | 4.50      | 18.92               | 9.53                  | 67.05          | 55.48   | 11.57      |  |
| 100.00        | 4.61      | 18.79               | 9.19                  | 67.41          | 56.00   | 11.41      |  |
| 100.00        | 4.82      | 18.63               | 8.98                  | 67.57          | 56.03   | 11.54      |  |
| 100.00        | 5.11      | 18.63               | 9.12                  | 67.14          | 55.69   | 11.45      |  |
| 100.00        | 5.06      | 18.21               | 8.89                  | 67.84          | 56.23   | 11.60      |  |
| 100.00        | 5.20      | 17.60               | 8.50                  | 68.70          | 56.95   | 11.75      |  |
| 100.00        | 5.27      | 17.25               | 8.57                  | 68.92          | 57.72   | 11.20      |  |
| 100.00        | 5.31      | 16.99               | 8.49                  | 69.21          | 58.12   | 11.09      |  |
| 100.00        | 5.35      | 16.96               | 8.36                  | 69.33          | 58.00   | 11.33      |  |
| 100.00        | 5.52      | 16.51               | 7.96                  | 70.01          | 58.85   | 11.15      |  |
| 100.00        | 5.45      | 16.28               | 7.70                  | 70.57          | 60.07   | 10.50      |  |
| 100.00        | 5.45      | 16.23               | 7.73                  | 70.59          | 60.34   | 10.24      |  |
| 100.00        | 5.40      | 16.05               | 7.48                  | 71.07          | 61.01   | 10.07      |  |
| 100.00        | 5.24      | 15.81               | 7.26                  | 71.69          | 61.45   | 10.24      |  |
| 100.00        | 5.20      | 15.82               | 7.36                  | 71.62          | 61.61   | 10.01      |  |
| 100.00        | 5.18      | 15.50               | 7.25                  | 72.06          | 61.74   | 10.32      |  |
| 100.00        | 5.21      | 14.90               | 7.01                  | 72.87          | 62.72   | 10.16      |  |
| 100.00        | 5.06      | 14.46               | 6.70                  | 73.78          | 64.11   | 9.67       |  |
| 100.00        | 5.11      | 13.90               | 6.40                  | 74.59          | 65.35   | 9.24       |  |
| 100.00        | 5.08      | 13.56               | 6.22                  | 75.14          | 66.09   | 9.05       |  |
| 100.00        | 4.88      | 13.21               | 5.95                  | 75.96          | 66.75   | 9.21       |  |
| 100.00        | 4.57      | 12.95               | 5.72                  | 76.76          | 66.64   | 10.11      |  |
| 100.00        | 4.53      | 12.67               | 5.58                  | 77.23          | 67.23   | 10.00      |  |

**Table 28. Employed persons**

| Year      | Number (Thousand persons) |                              |                |                    |                    |                   |                |                              |
|-----------|---------------------------|------------------------------|----------------|--------------------|--------------------|-------------------|----------------|------------------------------|
|           | Total                     | Illiterate and self-educated | Primary school | Junior high school | Senior high school | Vocational school | Junior college | University & graduate school |
| Ave. 1996 | 9 068                     | 268                          | 1 926          | 1 759              | 786                | 2 309             | 1 162          | 858                          |
| Ave. 1997 | 9 176                     | 257                          | 1 855          | 1 765              | 805                | 2 304             | 1 250          | 938                          |
| Ave. 1998 | 9 289                     | 238                          | 1 747          | 1 778              | 854                | 2 359             | 1 308          | 1 005                        |
| Ave. 1999 | 9 385                     | 194                          | 1 621          | 1 794              | 874                | 2 443             | 1 394          | 1 065                        |
| Ave. 2000 | 9 491                     | 178                          | 1 545          | 1 797              | 877                | 2 498             | 1 473          | 1 123                        |
| Ave. 2001 | 9 383                     | 153                          | 1 449          | 1 716              | 859                | 2 512             | 1 525          | 1 169                        |
| Ave. 2002 | 9 454                     | 146                          | 1 385          | 1 647              | 857                | 2 567             | 1 581          | 1 271                        |
| Ave. 2003 | 9 573                     | 129                          | 1 324          | 1 611              | 869                | 2 622             | 1 628          | 1 391                        |
| Ave. 2004 | 9 786                     | 105                          | 1 271          | 1 598              | 883                | 2 709             | 1 677          | 1 542                        |
| Ave. 2005 | 9 942                     | 76                           | 1 223          | 1 581              | 873                | 2 732             | 1 724          | 1 733                        |
| Ave. 2006 | 10 111                    | 62                           | 1 144          | 1 564              | 865                | 2 766             | 1 759          | 1 951                        |
| Ave. 2007 | 10 294                    | 59                           | 1 078          | 1 553              | 886                | 2 794             | 1 764          | 2 161                        |
| Ave. 2008 | 10 403                    | 52                           | 1 011          | 1 497              | 881                | 2 786             | 1 787          | 2 389                        |
| Ave. 2009 | 10 279                    | 46                           | 925            | 1 421              | 859                | 2 692             | 1 767          | 2 568                        |
| Ave. 2010 | 10 493                    | 41                           | 904            | 1 415              | 871                | 2 712             | 1 798          | 2 752                        |

**Table 29. Unemployed persons and unemployment rate**

| Year      | Number (Thousand persons) |                              |                |                    |                    |                   |                |                              |
|-----------|---------------------------|------------------------------|----------------|--------------------|--------------------|-------------------|----------------|------------------------------|
|           | Total                     | Illiterate and self-educated | Primary school | Junior high school | Senior high school | Vocational school | Junior college | University & graduate school |
| Ave. 1996 | 242                       | 3                            | 28             | 50                 | 23                 | 73                | 38             | 28                           |
| Ave. 1997 | 256                       | 3                            | 35             | 59                 | 24                 | 73                | 37             | 25                           |
| Ave. 1998 | 257                       | 2                            | 31             | 54                 | 25                 | 77                | 39             | 28                           |
| Ave. 1999 | 283                       | 3                            | 34             | 61                 | 26                 | 85                | 45             | 29                           |
| Ave. 2000 | 293                       | 2                            | 34             | 65                 | 27                 | 90                | 44             | 31                           |
| Ave. 2001 | 450                       | 2                            | 57             | 105                | 44                 | 138               | 64             | 40                           |
| Ave. 2002 | 515                       | 3                            | 59             | 110                | 50                 | 165               | 76             | 51                           |
| Ave. 2003 | 503                       | 3                            | 60             | 105                | 48                 | 159               | 73             | 55                           |
| Ave. 2004 | 454                       | 1                            | 46             | 86                 | 42                 | 142               | 70             | 66                           |
| Ave. 2005 | 428                       | 1                            | 35             | 76                 | 41                 | 131               | 68             | 77                           |
| Ave. 2006 | 411                       | 1                            | 28             | 63                 | 37                 | 128               | 65             | 89                           |
| Ave. 2007 | 419                       | 1                            | 26             | 63                 | 37                 | 129               | 61             | 102                          |
| Ave. 2008 | 450                       | 1                            | 29             | 71                 | 40                 | 126               | 64             | 120                          |
| Ave. 2009 | 639                       | 1                            | 43             | 104                | 56                 | 179               | 92             | 163                          |
| Ave. 2010 | 577                       | 0                            | 32             | 88                 | 50                 | 162               | 81             | 164                          |



**by educational attainment**

| Structure (%) |                              |                |                    |                    |                   |                |                              |
|---------------|------------------------------|----------------|--------------------|--------------------|-------------------|----------------|------------------------------|
| Total         | Illiterate and Self-educated | Primary school | Junior high school | Senior high school | Vocational school | Junior college | University & graduate school |
| 100.00        | 2.95                         | 21.24          | 19.40              | 8.67               | 25.47             | 12.81          | 9.46                         |
| 100.00        | 2.80                         | 20.22          | 19.24              | 8.78               | 25.11             | 13.62          | 10.23                        |
| 100.00        | 2.56                         | 18.81          | 19.14              | 9.20               | 25.40             | 14.08          | 10.82                        |
| 100.00        | 2.07                         | 17.27          | 19.12              | 9.31               | 26.03             | 14.86          | 11.34                        |
| 100.00        | 1.88                         | 16.28          | 18.93              | 9.24               | 26.32             | 15.52          | 11.83                        |
| 100.00        | 1.63                         | 15.44          | 18.29              | 9.15               | 26.77             | 16.25          | 12.46                        |
| 100.00        | 1.55                         | 14.65          | 17.42              | 9.07               | 27.15             | 16.72          | 13.44                        |
| 100.00        | 1.34                         | 13.83          | 16.83              | 9.07               | 27.39             | 17.01          | 14.53                        |
| 100.00        | 1.08                         | 12.99          | 16.33              | 9.02               | 27.68             | 17.14          | 15.76                        |
| 100.00        | 0.77                         | 12.31          | 15.90              | 8.78               | 27.48             | 17.34          | 17.43                        |
| 100.00        | 0.61                         | 11.31          | 15.47              | 8.55               | 27.36             | 17.40          | 19.30                        |
| 100.00        | 0.57                         | 10.47          | 15.08              | 8.61               | 27.14             | 17.14          | 20.99                        |
| 100.00        | 0.50                         | 9.72           | 14.39              | 8.47               | 26.78             | 17.17          | 22.97                        |
| 100.00        | 0.44                         | 9.00           | 13.83              | 8.36               | 26.19             | 17.19          | 24.99                        |
| 100.00        | 0.39                         | 8.62           | 13.49              | 8.30               | 25.85             | 17.13          | 26.22                        |

**by educational attainment**

| Unemployment rate (%) |                              |                |                    |                    |                   |                |                              |
|-----------------------|------------------------------|----------------|--------------------|--------------------|-------------------|----------------|------------------------------|
| Total                 | Illiterate and Self-educated | Primary school | Junior high school | Senior high school | Vocational school | Junior college | University & graduate school |
| 2.60                  | 1.02                         | 1.45           | 2.77               | 2.82               | 3.06              | 3.14           | 3.13                         |
| 2.72                  | 1.10                         | 1.86           | 3.25               | 2.89               | 3.06              | 2.85           | 2.63                         |
| 2.69                  | 1.04                         | 1.74           | 2.97               | 2.85               | 3.18              | 2.90           | 2.67                         |
| 2.92                  | 1.28                         | 2.08           | 3.28               | 2.92               | 3.35              | 3.10           | 2.69                         |
| 2.99                  | 0.95                         | 2.18           | 3.50               | 2.96               | 3.48              | 2.90           | 2.67                         |
| 4.57                  | 1.60                         | 3.76           | 5.75               | 4.86               | 5.21              | 4.03           | 3.32                         |
| 5.17                  | 1.69                         | 4.09           | 6.28               | 5.55               | 6.04              | 4.60           | 3.89                         |
| 4.99                  | 1.98                         | 4.30           | 6.11               | 5.28               | 5.71              | 4.32           | 3.82                         |
| 4.44                  | 1.35                         | 3.51           | 5.13               | 4.52               | 4.98              | 4.02           | 4.11                         |
| 4.13                  | 1.33                         | 2.79           | 4.61               | 4.44               | 4.57              | 3.78           | 4.23                         |
| 3.91                  | 1.08                         | 2.38           | 3.89               | 4.13               | 4.43              | 3.55           | 4.36                         |
| 3.91                  | 0.89                         | 2.34           | 3.91               | 3.97               | 4.41              | 3.36           | 4.51                         |
| 4.14                  | 1.07                         | 2.74           | 4.52               | 4.36               | 4.33              | 3.44           | 4.78                         |
| 5.85                  | 1.79                         | 4.47           | 6.83               | 6.07               | 6.23              | 4.96           | 5.98                         |
| 5.21                  | 0.87                         | 3.38           | 5.84               | 5.43               | 5.63              | 4.33           | 5.62                         |

**Table 30. Average monthly earnings of employees**

| Year        | Mining & quarrying | Manufacturing | Electricity & gas supply | Water supply & remediation services | Construction | Wholesale & retail trade | Transportation & storage | Accommodation & food services |
|-------------|--------------------|---------------|--------------------------|-------------------------------------|--------------|--------------------------|--------------------------|-------------------------------|
| Ave. 1996   | 37 354             | 33 833        | 79 953                   | 39 304                              | 35 817       | 34 904                   | 40 983                   | 22 198                        |
| Ave. 1997   | 38 545             | 35 402        | 80 437                   | 40 281                              | 37 029       | 36 406                   | 42 715                   | 23 528                        |
| Ave. 1998   | 40 083             | 36 431        | 88 192                   | 41 708                              | 37 886       | 37 696                   | 44 074                   | 24 039                        |
| Ave. 1999   | 41 432             | 37 738        | 91 265                   | 44 729                              | 38 070       | 38 695                   | 45 072                   | 25 117                        |
| Ave. 2000   | 43 067             | 38 914        | 91 805                   | 44 341                              | 38 897       | 39 541                   | 45 949                   | 26 060                        |
| Ave. 2001   | 44 069             | 38 412        | 97 399                   | 46 002                              | 37 746       | 39 775                   | 48 017                   | 25 973                        |
| Ave. 2002   | 44 804             | 38 435        | 93 466                   | 43 917                              | 36 844       | 39 152                   | 46 509                   | 25 687                        |
| Ave. 2003   | 47 720             | 39 549        | 95 191                   | 43 954                              | 37 214       | 39 610                   | 45 934                   | 24 951                        |
| Ave. 2004   | 46 307             | 40 657        | 94 525                   | 42 880                              | 37 916       | 39 819                   | 46 986                   | 24 813                        |
| Ave. 2005   | 47 671             | 41 858        | 91 184                   | 47 647                              | 38 450       | 39 545                   | 48 618                   | 25 121                        |
| Ave. 2006   | 53 344             | 42 393        | 97 230                   | 47 251                              | 39 168       | 39 380                   | 48 460                   | 24 960                        |
| Ave. 2007   | 51 057             | 43 169        | 98 448                   | 44 447                              | 40 327       | 39 475                   | 49 234                   | 25 500                        |
| Ave. 2008   | 51 499             | 43 105        | 89 296                   | 44 649                              | 40 792       | 39 980                   | 49 800                   | 26 747                        |
| Ave. 2009 r | 49 674             | 39 152        | 95 996                   | 44 234                              | 40 930       | 40 154                   | 48 068                   | 27 171                        |
| Ave. 2010   | 52 863             | 42 420        | 96 143                   | 45 404                              | 41 674       | 41 970                   | 49 161                   | 27 829                        |

**Notes :** Both industry & services and services sectors statistics covered education industry (only short-term tutorial and driver's training classes are included) and social work services industry (only included with children and infant babies day-care institutions) since January 2009.

**Table 31. Average monthly working hours of employees**

| Year      | Mining & quarrying | Manufacturing | Electricity & gas supply | Water supply & remediation services | Construction | Wholesale & retail trade | Transportation & storage | Accommodation & food services |
|-----------|--------------------|---------------|--------------------------|-------------------------------------|--------------|--------------------------|--------------------------|-------------------------------|
| Ave. 1996 | 188.7              | 201.1         | 186.0                    | 194.7                               | 193.3        | 184.2                    | 196.2                    | 186.4                         |
| Ave. 1997 | 190.6              | 201.8         | 184.4                    | 190.8                               | 192.1        | 186.5                    | 195.9                    | 183.8                         |
| Ave. 1998 | 189.9              | 198.0         | 181.9                    | 187.3                               | 188.3        | 182.9                    | 192.9                    | 184.5                         |
| Ave. 1999 | 185.9              | 199.0         | 183.0                    | 184.3                               | 185.5        | 182.9                    | 190.8                    | 188.9                         |
| Ave. 2000 | 185.4              | 198.7         | 182.3                    | 188.0                               | 187.5        | 182.9                    | 189.6                    | 188.2                         |
| Ave. 2001 | 184.4              | 184.4         | 173.0                    | 183.5                               | 180.8        | 178.2                    | 181.6                    | 175.6                         |
| Ave. 2002 | 188.3              | 187.5         | 172.4                    | 182.3                               | 176.2        | 177.4                    | 180.9                    | 175.7                         |
| Ave. 2003 | 185.5              | 188.2         | 171.4                    | 181.7                               | 175.6        | 176.0                    | 179.2                    | 177.0                         |
| Ave. 2004 | 184.3              | 190.6         | 172.2                    | 182.9                               | 177.3        | 180.1                    | 182.5                    | 169.2                         |
| Ave. 2005 | 181.0              | 188.8         | 171.1                    | 184.5                               | 177.7        | 177.6                    | 180.8                    | 174.0                         |
| Ave. 2006 | 182.7              | 187.3         | 171.6                    | 183.9                               | 178.1        | 175.3                    | 179.9                    | 173.6                         |
| Ave. 2007 | 184.0              | 187.3         | 171.3                    | 185.1                               | 176.9        | 174.8                    | 179.4                    | 172.5                         |
| Ave. 2008 | 184.2              | 184.7         | 172.7                    | 186.5                               | 176.4        | 175.9                    | 179.1                    | 172.3                         |
| Ave. 2009 | 182.0              | 179.3         | 172.3                    | 182.9                               | 175.0        | 175.8                    | 180.3                    | 169.7                         |
| Ave. 2010 | 185.0              | 189.0         | 173.3                    | 182.5                               | 177.1        | 176.2                    | 181.5                    | 171.8                         |

**Notes :** Both industry & services and services sectors statistics covered education industry (only short-term tutorial and driver's training classes are included) and social work services industry (only included with children and infant babies day-care institutions) since January 2009.

## on payrolls of establishments, by industry

NT\$

| Information & communication | Finance & insurance | Real estate | Professional, scientific & technical services | Support services | Education | Human health & social work services | Art, entertainment & recreation | Other services |
|-----------------------------|---------------------|-------------|---|------------------|-----------|-------------------------------------|---------------------------------|----------------|
| 55 873                      | 56 886              | 40 445      | 43 217  | 33 649           | ...       | 44 797                              | 23 532                          | 25 846         |
| 58 831                      | 60 597              | 40 666      | 45 904  | 35 394           | ...       | 47 378                              | 24 893                          | 26 929         |
| 61 421                      | 59 546              | 41 719      | 47 898  | 34 814           | ...       | 48 920                              | 26 256                          | 29 530         |
| 61 260                      | 60 332              | 44 429      | 49 574  | 34 919           | ...       | 51 020                              | 26 524                          | 30 825         |
| 62 759                      | 60 872              | 43 716      | 49 844  | 35 277           | ...       | 53 397                              | 27 592                          | 31 335         |
| 62 100                      | 62 657              | 42 277      | 49 227  | 35 579           | ...       | 54 484                              | 28 338                          | 29 927         |
| 59 239                      | 65 703              | 40 896      | 45 672  | 34 605           | ...       | 53 841                              | 27 888                          | 29 236         |
| 60 292                      | 64 645              | 40 431      | 47 429  | 32 871           | ...       | 55 702                              | 27 666                          | 28 947         |
| 59 417                      | 66 671              | 39 781      | 49 311  | 32 707           | ...       | 55 341                              | 29 662                          | 29 421         |
| 61 381                      | 65 113              | 38 819      | 50 890  | 32 815           | ...       | 55 603                              | 29 898                          | 30 384         |
| 61 134                      | 69 054              | 38 313      | 51 740  | 32 622           | ...       | 55 429                              | 31 303                          | 30 203         |
| 63 756                      | 75 732              | 37 877      | 53 281  | 33 139           | ...       | 56 603                              | 31 499                          | 29 926         |
| 63 888                      | 71 319              | 40 343      | 54 524  | 32 999           | ...       | 58 122                              | 32 053                          | 29 311         |
| 62 013                      | 67 513              | 38 720      | 49 969  | 31 596           | 22 195    | 54 072                              | 31 257                          | 29 731         |
| 64 425                      | 73 663              | 41 154      | 52 942  | 32 351           | 22 457    | 54 257                              | 32 841                          | 30 813         |

## on payrolls of establishments, by industry

Hours

| Information & communication | Finance & insurance | Real estate | Professional, scientific & technical services | Support services | Education | Human health & social work services | Art, entertainment & recreation | Other services |
|-----------------------------|---------------------|-------------|---|------------------|-----------|-------------------------------------|---------------------------------|----------------|
| 184.1                       | 180.9               | 187.3       | 181.9   | 194.1            | ...       | 185.1                               | 196.9                           | 216.0          |
| 183.3                       | 180.0               | 187.1       | 181.9   | 195.1            | ...       | 187.6                               | 198.8                           | 213.5          |
| 180.9                       | 175.5               | 185.3       | 178.4   | 188.4            | ...       | 187.1                               | 202.8                           | 207.2          |
| 177.0                       | 174.6               | 180.7       | 181.3   | 186.9            | ...       | 185.1                               | 202.0                           | 208.1          |
| 176.3                       | 173.9               | 178.3       | 182.8   | 192.1            | ...       | 182.5                               | 199.1                           | 208.1          |
| 166.2                       | 166.2               | 172.4       | 175.8   | 187.0            | ...       | 178.0                               | 191.6                           | 199.9          |
| 169.5                       | 168.6               | 174.2       | 175.3   | 187.2            | ...       | 179.2                               | 191.5                           | 199.9          |
| 168.7                       | 168.7               | 178.1       | 176.5   | 189.2            | ...       | 177.0                               | 188.6                           | 197.3          |
| 169.4                       | 169.1               | 185.4       | 178.3   | 190.5            | ...       | 176.3                               | 185.2                           | 199.9          |
| 168.5                       | 168.0               | 186.1       | 175.5   | 188.9            | ...       | 176.0                               | 184.5                           | 199.5          |
| 167.5                       | 168.6               | 182.6       | 174.9   | 191.9            | ...       | 175.3                               | 186.3                           | 201.2          |
| 168.2                       | 167.1               | 177.9       | 175.2   | 188.6            | ...       | 175.1                               | 184.7                           | 201.5          |
| 169.4                       | 167.5               | 180.3       | 176.3   | 187.9            | ...       | 174.4                               | 181.4                           | 200.0          |
| 169.1                       | 168.1               | 181.7       | 174.0   | 187.7            | 140.9     | 173.3                               | 184.4                           | 195.2          |
| 170.0                       | 168.9               | 180.1       | 175.1   | 192.1            | 139.1     | 174.4                               | 181.4                           | 195.8          |

**Table 32. Indices of labor productivity by industry**

2006=100

| Year      | Mining & quarrying | Manufacturing | Electricity & gas supply | Water supply & remediation services | Construction | Wholesale & retail trade | Transportation & storage | Accommodation & food services |
|-----------|--------------------|---------------|--------------------------|-------------------------------------|--------------|--------------------------|--------------------------|-------------------------------|
| Ave. 2001 | 111.22             | 68.08         | 78.04                    | 67.90                               | 99.46        | 82.48                    | 85.00                    | 107.34                        |
| Ave. 2002 | 120.91             | 75.48         | 82.49                    | 74.63                               | 107.94       | 84.53                    | 91.03                    | 99.27                         |
| Ave. 2003 | 104.46             | 81.91         | 86.66                    | 77.03                               | 107.44       | 86.67                    | 90.92                    | 95.23                         |
| Ave. 2004 | 120.09             | 86.53         | 89.99                    | 77.91                               | 108.95       | 88.54                    | 92.71                    | 101.96                        |
| Ave. 2005 | 121.11             | 92.47         | 95.62                    | 87.80                               | 102.00       | 95.36                    | 97.72                    | 100.48                        |
| Ave. 2006 | 100.00             | 100.00        | 100.00                   | 100.00                              | 100.00       | 100.00                   | 100.00                   | 100.00                        |
| Ave. 2007 | 130.22             | 107.38        | 104.82                   | 98.80                               | 100.36       | 104.91                   | 105.98                   | 102.79                        |
| Ave. 2008 | 122.77             | 108.46        | 101.95                   | 93.69                               | 95.72        | 107.51                   | 107.31                   | 99.80                         |
| Ave. 2009 | 157.48             | 110.73        | 98.89                    | 95.45                               | 94.68        | 108.34                   | 106.06                   | 98.13                         |
| Ave. 2010 | 189.15             | 129.66        | 103.98                   | 91.27                               | 102.34       | 113.43                   | 111.80                   | 101.92                        |

| Year      | Information & communication | Finance & insurance | Real estate | Professional , scientific & technical services | Support services | Human health services | Art, entertainment & recreational | Other services |
|-----------|-----------------------------|---------------------|-------------|--|------------------|-----------------------|-----------------------------------|----------------|
| Ave. 2001 | 88.05                       | 93.21               | 83.61       | 97.72  | 86.13            | 114.03                | 95.35                             | 87.57          |
| Ave. 2002 | 92.29                       | 92.44               | 70.62       | 93.96  | 91.78            | 114.51                | 86.66                             | 93.26          |
| Ave. 2003 | 98.72                       | 93.40               | 80.91       | 95.98  | 82.24            | 112.65                | 87.80                             | 95.69          |
| Ave. 2004 | 99.93                       | 96.79               | 76.11       | 96.54  | 88.56            | 110.95                | 87.08                             | 91.88          |
| Ave. 2005 | 100.93                      | 97.98               | 76.42       | 91.92  | 93.68            | 103.00                | 89.84                             | 96.32          |
| Ave. 2006 | 100.00                      | 100.00              | 100.00      | 100.00   | 100.00           | 100.00                | 100.00                            | 100.00         |
| Ave. 2007 | 104.22                      | 107.76              | 93.91       | 95.67  | 105.33           | 103.11                | 114.28                            | 103.90         |
| Ave. 2008 | 110.36                      | 103.35              | 83.76       | 90.56  | 105.82           | 102.31                | 124.19                            | 106.52         |
| Ave. 2009 | 112.10                      | 94.71               | 86.91       | 94.93  | 104.10           | 103.46                | 135.05                            | 111.57         |
| Ave. 2010 | 117.93                      | 97.26               | 91.46       | 97.86  | 107.73           | 100.87                | 139.71                            | 115.07         |

Table 33. Labor unions and members by type of labor unions

| Year                                    | Labor unions<br>(Establishments) | Institutional members<br>(Establishments) | Personal members<br>(Persons) |
|---|----------------------------------|---|-------------------------------|
| 2006                                    | 4 500                            | 4 871                                     | 2 984 601                     |
| 2007                                    | 4 574                            | 4 912                                     | 3 026 508                     |
| 2008                                    | 4 663                            | 5 228                                     | 3 043 223                     |
| 2009                                    | 4 759                            | 5 298                                     | 3 177 591                     |
| 2010                                    | 4 924                            | 5 317                                     | 3 216 502                     |
| National                                | 76                               | 160                                       | 19 111                        |
| General federation of labor unions      | 14                               | 112                                       | -                             |
| Federation of industrial labor unions   | 10                               | 3   | -                             |
| Federation of occupational labor unions | 50                               | 45  | -                             |
| Occupational labor unions               | 2                                | -   | 19 111                        |
| Regional                                | 8                                | -   | 168 442                       |
| Industrial labor unions                 | 7                                | -   | 146 556                       |
| Occupational labor unions               | 1                                | -   | 21 886                        |
| Export processing zones                 | 42                               | 44  | 29 601                        |
| Federation of industrial labor unions   | 1                                | 44  | -                             |
| Industrial labor unions                 | 41                               | -   | 29 601                        |
| Science-based industrial park           | 1                                | -   | 1 477                         |
| Federations of industrial labor unions  | -                                | -   | -                             |
| Industrial labor unions                 | 1                                | -   | 1 477                         |
| Provincial level                        |                                  |   |                               |
| New Taipei municipality                 | 340                              | 239                                       | 421 854                       |
| General federation of labor unions      | 5                                | 239                                       | -                             |
| Federation of industrial labor unions   | -                                | -   | -                             |
| Industrial labor unions                 | 59                               | -   | 27 277                        |
| Occupational labor unions               | 276                              | -   | 394 577                       |
| Taipei municipality                     | 435                              | 254                                       | 548 036                       |
| General federation of labor unions      | 3                                | 254                                       | -                             |
| Federation of industrial labor unions   | 3                                | -   | -                             |
| Industrial labor unions                 | 115                              | -   | 101 758                       |
| Occupational labor unions               | 314                              | -   | 446 278                       |
| Taichung municipality                   | 410                              | 350                                       | 253 514                       |
| General federation of labor unions      | 5                                | 350                                       | -                             |
| Federation of industrial labor unions   | -                                | -   | -                             |
| Industrial labor unions                 | 58                               | -   | 19 540                        |
| Occupational labor unions               | 347                              | -   | 233 974                       |
| Tainan municipality                     | 376                              | 367                                       | 210 515                       |
| General federation of labor unions      | 4                                | 367                                       | -                             |
| Federation of industrial labor unions   | -                                | -   | -                             |
| Industrial labor unions                 | 55                               | -   | 20 415                        |
| Occupational labor unions               | 317                              | -   | 190 100                       |
| Kaohsiung municipality                  | 784                              | 715                                       | 439 423                       |
| General federation of labor unions      | 6                                | 697                                       | -                             |
| Federation of industrial labor unions   | 3                                | 18  | -                             |
| Industrial labor unions                 | 171                              | -   | 58 336                        |
| Occupational labor unions               | 604                              | -   | 381 087                       |
| Taiwan province                         | 74                               | 1 012                                     | -                             |
| General federation of labor unions      | 3                                | 147                                       | -                             |
| Federation of industrial labor unions   | 17                               | 222                                       | -                             |
| Federation of occupational labor unions | 54                               | 643                                       | -                             |
| County/City                             | 2 378                            | 2 176                                     | 1 124 529                     |
| General federation of labor unions      | 38                               | 2 176                                     | -                             |
| Industrial labor unions                 | 383                              | -   | 115 987                       |
| Occupational labor unions               | 1 957                            | -   | 1 008 542                     |

Table 34. Occupational

| Year | Reporting enterprises (Establishments) | Employee (Persons) | Total workdays (Days) | Total person-workhours (Hours) | Times of disability (Persons-cases) | Frequency of <sup>1</sup> disability |
|------|--|--------------------|-----------------------|--------------------------------|-------------------------------------|--------------------------------------|
| 1987 | 10 084                                 | 1 152 617          | 327 356 841           | 2 519 969 146                  | 9 148                               | 3.63                                 |
| 1988 | 9 694                                  | 1 045 467          | 305 996 552           | 2 509 390 008                  | 9 165                               | 3.65                                 |
| 1989 | 9 161                                  | 1 043 906          | 300 362 129           | 2 456 361 619                  | 8 151                               | 3.32                                 |
| 1990 | 8 628                                  | 1 019 104          | 292 538 301           | 2 356 964 703                  | 7 718                               | 3.27                                 |
| 1991 | 8 970                                  | 1 088 943          | 322 472 206           | 2 559 834 098                  | 8 346                               | 3.26                                 |
| 1992 | 9 078                                  | 1 106 820          | 333 018 006           | 2 793 760 173                  | 8 228                               | 2.95                                 |
| 1993 | 8 946                                  | 1 095 103          | 326 474 140           | 2 582 614 311                  | 7 390                               | 2.86                                 |
| 1994 | 10 095                                 | 1 231 606          | 352 600 283           | 2 880 670 475                  | 8 294                               | 2.88                                 |
| 1995 | 10 736                                 | 1 333 546          | 394 379 415           | 3 231 006 289                  | 7 940                               | 2.46                                 |
| 1996 | 10 313                                 | 1 346 902          | 391 696 836           | 3 134 164 510                  | 7 628                               | 2.43                                 |
| 1997 | 10 267                                 | 1 375 331          | 402 556 395           | 3 231 907 472                  | 7 180                               | 2.22                                 |
| 1998 | 10 140                                 | 1 380 237          | 393 638 956           | 3 242 960 501                  | 6 874                               | 2.12                                 |
| 1999 | 9 672                                  | 1 386 507          | 384 766 005           | 3 379 364 844                  | 7 171                               | 2.12                                 |
| 2000 | 9 377                                  | 1 374 514          | 416 675 839           | 3 188 100 606                  | 6 805                               | 2.13                                 |
| 2001 | 8 645                                  | 1 347 006          | 340 887 620           | 2 883 508 335                  | 5 378                               | 1.87                                 |
| 2002 | 7 928                                  | 1 206 580          | 343 891 944           | 2 606 347 994                  | 4 692                               | 1.80                                 |
| 2003 | 7 424                                  | 1 248 227          | 332 314 535           | 2 803 050 761                  | 5 365                               | 1.91                                 |
| 2004 | 8 099                                  | 1 396 492          | 370 559 379           | 3 084 917 381                  | 6 047                               | 1.96                                 |
| 2005 | 9 058                                  | 1 922 821          | 499 157 126           | 4 059 950 075                  | 10 196                              | 2.51                                 |
| 2006 | 12 457                                 | 2 559 502          | 658 605 717           | 5 359 578 449                  | 11 466                              | 2.14                                 |
| 2007 | 13 107                                 | 2 646 609          | 685 653 231           | 5 548 733 640                  | 12 246                              | 2.21                                 |
| 2008 | 13 637                                 | 2 723 323          | 701 290 726           | 5 716 555 136                  | 11 920                              | 2.09                                 |
| 2009 | 13 869                                 | 2 630 613          | 673 071 072           | 5 476 121 770                  | 10 497                              | 1.92                                 |
| 2010 | 14 328                                 | 2 786 603          | 721 143 705           | 5 887 832 289                  | 11 553                              | 1.96                                 |

Notes : <sup>1</sup> Frequency of disability = Times of disability ÷ Total person-workhours × 1,000,000

<sup>2</sup> Severity of disability = Total workday lost ÷ Total person-workhours × 1,000,000

The current data can not be compared with the data prior to 2004 due to categories of occupational revised tables and the method was amended in 2005.

**injuries**

| Times of disability(Person-case) |                     |  |  |  | Total<br>workday lost<br>(Days) | Severity of <sup>2</sup><br>disability |
|----------------------------------|---------------------|--|--|--|---------------------------------|--|
| Total                            | Deaths<br>(Persons) | Permanent total<br>disability<br>(Persons) | Permanent partial<br>disability<br>(Persons-cases) | Temporary total<br>disability<br>(Persons-cases) |                                 |  |
| 6 610                            | 139                 | 2  | 137  | 6 332  | 1 529 067                       | 607                                    |
| 6 462                            | 134                 | 6  | 140  | 6 182  | 1 054 784                       | 420                                    |
| 6 984                            | 140                 | 5  | 103  | 6 736  | 1 032 310                       | 420                                    |
| 6 569                            | 141                 | 4  | 99   | 6 325  | 997 342                         | 423                                    |
| 7 026                            | 154                 | 8  | 110  | 6 754  | 1 119 323                       | 437                                    |
| 7 010                            | 145                 | 6  | 99   | 6 760  | 1 076 408                       | 385                                    |
| 6 239                            | 134                 | 5  | 79   | 6 021  | 990 886                         | 384                                    |
| 5 936                            | 178                 | 7  | 187  | 5 564  | 1 356 752                       | 471                                    |
| 6 671                            | 137                 | 15   | 173  | 6 346  | 1 124 352                       | 348                                    |
| 6 456                            | 156                 | 7  | 153  | 6 140  | 1 144 988                       | 365                                    |
| 5 830                            | 177                 | 14   | 153  | 5 486  | 1 303 886                       | 403                                    |
| 5 676                            | 141                 | 12   | 153  | 5 370  | 1 042 740                       | 322                                    |
| 5 862                            | 118                 | 10   | 120  | 5 614  | 817 434                         | 242                                    |
| 5 986                            | 103                 | 13   | 128  | 5 742  | 714 516                         | 224                                    |
| 4 493                            | 76                  | 3  | 71   | 4 343  | 539 753                         | 187                                    |
| 3 271                            | 71                  | 4  | 31   | 3 165  | 475 763                         | 183                                    |
| 4 037                            | 61                  | 2  | 54   | 3 920  | 414 814                         | 148                                    |
| 4 318                            | 75                  | 3  | 61   | 4 179  | 559 323                         | 181                                    |
| 10 196                           | 135                 | 15   | 280  | 9 766  | 1 320 622                       | 325                                    |
| 11 466                           | 103                 | 15   | 321  | 11 027   | 1 172 562                       | 219                                    |
| 12 246                           | 102                 | 14   | 338  | 11 792   | 1 179 131                       | 213                                    |
| 11 920                           | 77                  | 15   | 334  | 11 494   | 949 056                         | 166                                    |
| 10 497                           | 81                  | 11   | 276  | 10 129   | 938 828                         | 171                                    |
| 11 553                           | 89                  | 7  | 326  | 11 131   | 951 031                         | 162                                    |

Table 35. Labor

| Year | No. of dispute (cases) | Cause of                     |                    |                                   |   |  |  |   |                                  |
|------|------------------------|------------------------------|--------------------|-----------------------------------|---|--|--|---|----------------------------------|
|      |                        | Contract                     | Wage               | Retirement                        | Welfare benefits                        | Working hour                                 | Insurance                                      | Management                                      | Employment discrimination        |
| 1983 | 921                    | 219                          | 223                | 325                               |   |  | 44   |   | -                                |
| 1984 | 907                    | 205                          | 187                | 330                               |   |  | 77   |   | -                                |
| 1985 | 1 443                  | 438                          | 248                | 565                               |   |  | 97   |   | -                                |
| 1986 | 1 485                  | 281                          | 278                | 594                               |   |  | 148  |   | -                                |
| 1987 | 1 609                  | 313                          | 194                | 775                               |   |  | 104  |   | -                                |
| 1988 | 1 314                  | 278                          | 208                | 409                               |   |  | 179  |   | -                                |
| 1989 | 1 943                  | 710                          | 489                | 234                               | 64                                      | 29   | 88   | 67  | -                                |
| 1990 | 1 860                  | 788                          | 418                | 202                               | 29                                      | 12   | 87   | 55  | -                                |
| 1991 | 1 810                  | 836                          | 528                | 210                               | 51                                      | 20   | 111  | 58  | -                                |
| 1992 | 1 803                  | 848                          | 557                | 185                               | 52                                      | 9  | 91   | 68  | -                                |
| 1993 | 1 878                  | 852                          | 548                | 207                               | 61                                      | 43   | 121  | 73  | -                                |
| 1994 | 2 061                  | 931                          | 643                | 210                               | 55                                      | 27   | 105  | 64  | -                                |
| 1995 | 2 271                  | 962                          | 761                | 257                               | 50                                      | 17   | 100  | 90  | -                                |
| 1996 | 2 659                  | 1 271                        | 891                | 239                               | 32                                      | 15   | 98   | 62  | -                                |
| 1997 | 2 600                  | 1 172                        | 738                | 251                               | 24                                      | 18   | 100  | 64  | -                                |
| 1998 | 4 138                  | 1 945                        | 1 321              | 306                               | 67                                      | 36   | 121  | 81  | -                                |
| 1999 | 5 860                  | 2 976                        | 1 953              | 363                               | 56                                      | 28   | 125  | 103   | -                                |
| 2000 | 8 026                  | 3 921                        | 3 127              | 512                               | 100                                     | 63   | 196  | 134   | -                                |
| 2001 | 10 955                 | 6 187                        | 3 895              | 613                               | 93                                      | 117  | 230  | 199   | -                                |
| 2002 | 14 017                 | 7 514                        | 6 190              | 643                               | 280                                     | 185  | 427  | 308   | 2                                |
| 2003 | 12 204                 | 6 427                        | 5 536              | 507                               | 234                                     | 120  | 322  | 198   | 8                                |
| 2004 | 10 838                 | 4 851                        | 5 289              | 461                               | 236                                     | 169  | 357  | 159   | 8                                |
| 2005 | 14 256                 | 6 732                        | 6 456              | 762                               | 258                                     | 204  | 414  | 184   | 29                               |
| 2006 | 15 464                 | 6 669                        | 7 584              | 610                               | 221                                     | 235  | 535  | 228   | 64                               |
| 2007 | 19 729                 | 8 668                        | 10 034             | 766                               | 348                                     | 380  | 817  | 216   | 80                               |
| Year | No. of dispute (cases) | Cause of                     |                    |                                   |   |  |  |   |                                  |
|      |                        | Dispute over labor contracts | Dispute over wages | Dispute over payment of dismissal | Dispute over retirement pension payment | Dispute over labor insurance benefit payment | Dispute over occupational hazards compensation | Dispute over protection of union identification | Dispute over other rights issues |
| 2008 | 24 540                 | 1 737                        | 9 186              | 8 343                             | 762                                     | 327  | 1 381  | 8   | 2 486                            |
| 2009 | 30 385                 | 2 230                        | 9 756              | 10 372                            | 852                                     | 497  | 1 412  | 8   | 4 680                            |
| 2010 | 23 865                 | 1 773                        | 9 217              | 6 722                             | 746                                     | 371  | 1 598  | 11  | 3 157                            |

Notes: <sup>1</sup>The classification of dispute permits more than one dispute issues for each case from year 2000 to 2007. For the previous years and 2008, it contains just the major type of labor dispute only.

<sup>2</sup>Unresolving cases occurred in the previous year are included.

<sup>3</sup>The time series before 1988 included the settlements by legal channels.



**dispute**

| dispute <sup>1</sup> (Cases) |                   |              |             |        | Workers involved |                      | Method <sup>2</sup> (Cases) |           |                          |
|------------------------------|-------------------|--------------|-------------|--------|------------------|----------------------|-----------------------------|-----------|--------------------------|
| Occupational hazards         | Safety and health | Mass dismiss | Labor union | Others | dispute(workers) | Involvement rate (‰) | Conciliation                | Mediation | Arbitration <sup>3</sup> |
| 100                          |                   | -            |             | 10     | 12 344           | 3.22                 | 858                         |           | -                        |
| 106                          |                   | -            |             | 2      | 9 069            | 2.20                 | 892                         |           | -                        |
| 84                           |                   | -            |             | 11     | 15 486           | 3.65                 | 1 438                       |           | -                        |
| 138                          |                   | -            |             | 46     | 11 307           | 2.58                 | 1 470                       |           | -                        |
| 204                          |                   | -            |             | 19     | 15 654           | 2.93                 | 1 584                       |           | 22                       |
| 163                          |                   | -            |             | 77     | 24 237           | 4.46                 | 1 198                       |           | 49                       |
| 206                          | -                 | -            | 2           | 54     | 62 391           | 11.21                | 1 622                       | 275       | 2                        |
| 191                          | 1                 | -            | 2           | 75     | 34 089           | 6.09                 | 1 634                       | 245       | -                        |
| 233                          | -                 | -            | -           | 35     | 12 696           | 2.24                 | 1 567                       | 231       | -                        |
| 224                          | -                 | -            | 2           | 61     | 12 394           | 2.12                 | 1 631                       | 216       | 1                        |
| 234                          | 1                 | -            | 2           | 49     | 37 949           | 6.32                 | 1 681                       | 189       | -                        |
| 295                          | -                 | -            | 3           | 18     | 30 890           | 5.01                 | 1 852                       | 244       | -                        |
| 272                          | -                 | -            | 2           | 12     | 27 342           | 4.37                 | 2 039                       | 201       | -                        |
| 262                          | -                 | -            | 1           | 75     | 21 654           | 3.44                 | 2 431                       | 241       | -                        |
| 367                          | -                 | -            | 5           | 59     | 81 004           | 12.61                | 2 230                       | 344       | -                        |
| 493                          | 1                 | -            | 5           | 89     | 103 568          | 15.80                | 3 641                       | 461       | -                        |
| 656                          | -                 | -            | 3           | 153    | 30 440           | 4.60                 | 4 861                       | 946       | -                        |
| 850                          | -                 | -            | 4           | 269    | 56 543           | 8.38                 | 6 603                       | 1 445     | -                        |
| 814                          | -                 | -            | 2           | 462    | 58 643           | 8.72                 | 8 807                       | 2 170     | -                        |
| 824                          | -                 | 1            | 6           | 1 271  | 105 714          | 15.61                | 11 795                      | 2 050     | 2                        |
| 866                          | -                 | -            | 4           | 1 634  | 28 821           | 4.18                 | 10 559                      | 1 933     | -                        |
| 922                          | 1                 | 2            | 5           | 1 241  | 32 478           | 4.55                 | 9 199                       | 1 724     | 1                        |
| 1 144                        | 7                 | 5            | 10          | 1 207  | 85 544           | 11.66                | 11 756                      | 2 135     | -                        |
| 1 221                        | -                 | 3            | 8           | 1 736  | 81 639           | 10.83                | 12 796                      | 2 388     | -                        |
| 1 393                        | 3                 | 2            | 11          | 3 422  | 121 563          | 15.72                | 16 367                      | 2 846     | -                        |

| dispute <sup>1</sup> (Cases)  |                                    |                                    |                                      | Workers involved |                      | Method <sup>2</sup> (Cases) |           |                          |
|-------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------|----------------------|-----------------------------|-----------|--------------------------|
| Dispute over wages adjustment | Dispute over work years settlement | Dispute over work hours adjustment | Dispute over other adjustment issues | dispute(workers) | Involvement rate (‰) | Conciliation                | Mediation | Arbitration <sup>3</sup> |
| 69                            | 13                                 | 109                                | 119                                  | 65 274           | 8.26                 | 19 546                      | 4 320     | -                        |
| 135                           | 103                                | 271                                | 69                                   | 68 649           | 8.70                 | 25 441                      | 5 201     | -                        |
| 27                            | 4                                  | 195                                | 44                                   | 42 934           | 5.30                 | 19 108                      | 4 469     | -                        |

Table 36. Labor turnover rates

| Year      | Accession          |               |                          |                                     |              |                          |                          |                               |
|-----------|--------------------|---------------|--------------------------|-------------------------------------|--------------|--------------------------|--------------------------|-------------------------------|
|           | Mining & quarrying | Manufacturing | Electricity & gas supply | Water supply & remediation services | Construction | Wholesale & retail trade | Transportation & storage | Accommodation & food services |
| Ave. 1996 | 1.35               | 2.20          | 0.27                     | 2.26                                | 3.01         | 2.94                     | 1.34                     | 3.97                          |
| Ave. 1997 | 1.27               | 2.31          | 0.25                     | 2.01                                | 3.39         | 3.17                     | 1.46                     | 4.13                          |
| Ave. 1998 | 1.64               | 2.14          | 0.10                     | 2.24                                | 3.15         | 3.29                     | 1.37                     | 3.82                          |
| Ave. 1999 | 0.80               | 2.22          | 0.82                     | 3.06                                | 3.82         | 3.33                     | 1.28                     | 4.10                          |
| Ave. 2000 | 0.77               | 2.23          | 0.29                     | 2.73                                | 3.54         | 3.33                     | 1.34                     | 4.25                          |
| Ave. 2001 | 0.68               | 1.50          | 0.33                     | 1.90                                | 3.18         | 2.69                     | 1.35                     | 3.47                          |
| Ave. 2002 | 1.16               | 1.96          | 0.21                     | 2.06                                | 3.43         | 2.60                     | 1.33                     | 4.45                          |
| Ave. 2003 | 1.20               | 1.98          | 0.49                     | 2.01                                | 3.59         | 2.63                     | 1.44                     | 5.37                          |
| Ave. 2004 | 1.02               | 2.02          | 0.27                     | 2.07                                | 3.37         | 2.52                     | 1.51                     | 5.26                          |
| Ave. 2005 | 1.14               | 2.03          | 0.31                     | 1.97                                | 3.09         | 3.08                     | 1.62                     | 5.04                          |
| Ave. 2006 | 0.88               | 2.31          | 0.51                     | 3.12                                | 2.90         | 3.05                     | 1.71                     | 4.44                          |
| Ave. 2007 | 1.14               | 2.16          | 0.42                     | 2.13                                | 2.87         | 2.63                     | 1.57                     | 4.24                          |
| Ave. 2008 | 1.16               | 1.77          | 0.56                     | 2.07                                | 3.24         | 2.40                     | 1.48                     | 4.47                          |
| Ave. 2009 | 0.95               | 1.71          | 0.30                     | 1.64                                | 3.03         | 2.21                     | 1.30                     | 3.82                          |
| Ave. 2010 | 1.05               | 2.56          | 0.26                     | 1.81                                | 3.15         | 2.65                     | 1.79                     | 4.86                          |

  

| Year      | Separation         |               |                          |                                     |              |                          |                          |                               |
|-----------|--------------------|---------------|--------------------------|-------------------------------------|--------------|--------------------------|--------------------------|-------------------------------|
|           | Mining & quarrying | Manufacturing | Electricity & gas supply | Water supply & remediation services | Construction | Wholesale & retail trade | Transportation & storage | Accommodation & food services |
| Ave. 1996 | 2.07               | 2.29          | 0.28                     | 1.84                                | 3.67         | 3.22                     | 1.43                     | 4.29                          |
| Ave. 1997 | 1.78               | 2.12          | 0.36                     | 1.92                                | 3.22         | 2.79                     | 1.45                     | 4.36                          |
| Ave. 1998 | 2.20               | 2.26          | 0.33                     | 2.34                                | 3.84         | 3.35                     | 1.49                     | 4.15                          |
| Ave. 1999 | 1.80               | 1.96          | 0.33                     | 2.70                                | 3.84         | 2.93                     | 1.27                     | 4.05                          |
| Ave. 2000 | 1.51               | 2.21          | 0.37                     | 3.35                                | 4.00         | 3.22                     | 1.28                     | 4.30                          |
| Ave. 2001 | 1.72               | 2.08          | 0.60                     | 2.29                                | 3.88         | 2.93                     | 1.64                     | 4.35                          |
| Ave. 2002 | 1.68               | 1.76          | 0.37                     | 2.25                                | 3.53         | 2.34                     | 1.40                     | 3.68                          |
| Ave. 2003 | 2.08               | 1.73          | 0.44                     | 1.97                                | 3.76         | 2.58                     | 1.62                     | 4.45                          |
| Ave. 2004 | 1.85               | 1.78          | 0.47                     | 2.11                                | 2.98         | 2.26                     | 1.45                     | 4.17                          |
| Ave. 2005 | 1.94               | 1.99          | 0.39                     | 1.99                                | 2.87         | 2.80                     | 1.66                     | 3.96                          |
| Ave. 2006 | 1.82               | 2.19          | 0.41                     | 1.95                                | 2.53         | 2.98                     | 1.61                     | 3.71                          |
| Ave. 2007 | 1.43               | 1.99          | 0.42                     | 1.74                                | 2.82         | 2.64                     | 1.62                     | 3.97                          |
| Ave. 2008 | 1.53               | 2.08          | 0.27                     | 2.15                                | 3.27         | 2.64                     | 1.61                     | 4.12                          |
| Ave. 2009 | 1.74               | 1.86          | 0.21                     | 1.58                                | 3.14         | 2.32                     | 1.43                     | 3.78                          |
| Ave. 2010 | 1.28               | 2.11          | 0.28                     | 1.63                                | 2.84         | 2.47                     | 1.65                     | 4.50                          |

## of employees by industry

%

| Information & communication | Finance & insurance | Real estate | Professional, scientific & technical services | Support services | Education | Human health & social work services | Art, entertainment & recreation | Other services |
|-----------------------------|---------------------|-------------|---|------------------|-----------|-------------------------------------|---------------------------------|----------------|
| 1.67                        | 1.82                | 2.89        | 3.20  | 3.28             | ...       | 1.92                                | 3.50                            | 2.37           |
| 2.01                        | 2.28                | 3.07        | 3.27  | 3.57             | ...       | 1.70                                | 3.16                            | 2.54           |
| 2.31                        | 1.98                | 2.69        | 2.98  | 4.48             | ...       | 2.04                                | 3.80                            | 2.24           |
| 2.32                        | 1.73                | 2.62        | 2.70  | 4.03             | ...       | 2.18                                | 4.07                            | 2.27           |
| 2.98                        | 1.69                | 1.29        | 2.67  | 3.88             | ...       | 1.84                                | 4.04                            | 2.26           |
| 1.84                        | 1.25                | 1.06        | 2.58  | 4.03             | ...       | 1.19                                | 2.90                            | 1.75           |
| 2.03                        | 1.30                | 2.17        | 2.88  | 3.89             | ...       | 1.62                                | 4.31                            | 2.31           |
| 1.97                        | 1.82                | 2.68        | 2.82  | 4.24             | ...       | 1.89                                | 4.92                            | 2.23           |
| 2.13                        | 1.82                | 3.66        | 2.49  | 4.40             | ...       | 1.95                                | 5.99                            | 1.94           |
| 2.39                        | 1.67                | 3.68        | 2.59  | 5.37             | ...       | 1.77                                | 5.68                            | 2.08           |
| 2.24                        | 1.75                | 3.23        | 2.76  | 5.41             | ...       | 1.67                                | 5.94                            | 2.03           |
| 2.13                        | 1.88                | 3.84        | 2.51  | 5.38             | ...       | 1.53                                | 4.85                            | 1.79           |
| 2.02                        | 1.51                | 3.01        | 2.22  | 4.75             | ...       | 1.55                                | 4.07                            | 1.76           |
| 1.86                        | 1.22                | 2.60        | 1.98  | 5.09             | 2.29      | 1.40                                | 3.61                            | 2.08           |
| 2.09                        | 1.48                | 3.25        | 2.30  | 5.62             | 2.34      | 1.40                                | 3.84                            | 1.96           |

| Information & communication | Finance & insurance | Real estate | Professional, scientific & technical services | Support services | Education | Human health & social work services | Art, entertainment & recreation | Other services |
|-----------------------------|---------------------|-------------|---|------------------|-----------|-------------------------------------|---------------------------------|----------------|
| 1.40                        | 1.53                | 2.89        | 2.97  | 3.02             | ...       | 1.42                                | 4.41                            | 2.88           |
| 1.55                        | 1.65                | 2.12        | 3.24  | 2.85             | ...       | 1.49                                | 2.85                            | 2.73           |
| 1.62                        | 1.77                | 3.21        | 3.23  | 4.21             | ...       | 1.71                                | 4.02                            | 2.67           |
| 2.00                        | 1.52                | 3.64        | 2.73  | 3.24             | ...       | 1.61                                | 4.75                            | 2.65           |
| 2.24                        | 1.55                | 2.75        | 2.96  | 3.69             | ...       | 1.63                                | 4.66                            | 2.23           |
| 2.20                        | 1.52                | 2.58        | 3.13  | 4.20             | ...       | 1.18                                | 3.82                            | 2.52           |
| 1.90                        | 1.49                | 2.27        | 2.78  | 2.65             | ...       | 1.10                                | 2.91                            | 1.76           |
| 1.76                        | 1.51                | 2.08        | 2.28  | 2.71             | ...       | 1.23                                | 3.64                            | 1.49           |
| 1.91                        | 1.60                | 2.66        | 1.92  | 3.39             | ...       | 1.41                                | 4.83                            | 1.67           |
| 2.11                        | 1.51                | 3.03        | 2.25  | 4.20             | ...       | 1.18                                | 4.87                            | 2.20           |
| 2.25                        | 1.90                | 2.56        | 2.28  | 3.73             | ...       | 1.11                                | 4.82                            | 2.04           |
| 2.16                        | 1.68                | 3.39        | 2.32  | 4.20             | ...       | 1.17                                | 4.76                            | 1.82           |
| 1.71                        | 1.70                | 3.09        | 2.17  | 4.72             | ...       | 1.08                                | 4.34                            | 2.14           |
| 1.82                        | 1.47                | 2.64        | 1.86  | 4.59             | 2.56      | 1.16                                | 3.52                            | 1.98           |
| 1.92                        | 1.48                | 2.33        | 1.91  | 5.55             | 2.11      | 1.15                                | 4.24                            | 2.08           |



## EDUCATION, SCIENCE AND TECHNOLOGY, CULTURE AND MASS COMMUNICATION

This chapter is concerned with information on education, science & technology, culture, and mass communication in our country. On the front of education, it contains data on the status of education at various stages, net percentage of graduates entering advanced levels, opportunity for graduates entering advanced levels, educational attainments, and educational expenditure. All of the educational statistics are obtained from the *Educational Statistics of the Republic of China* and the *Education Statistical Indicators, Republic of China*, both compiled by the Ministry of Education based on statistical reports regularly submitted by all of the public and private schools, except for information on educational attainments which come from the official statistics of the Ministry of the Interior. On the front of science and technology, this chapter contains data on national research and development (R&D) expenditures, publication of scientific and technical (S&T) papers and number of patents granted. Information on R&D expenditures and publication of (S&T) papers are obtained from the *Indicators of Science and Technology, Republic of China* compiled from results of the Annual National Technology survey conducted by the National Science Council, Executive Yuan, the Republic of China. On the front of culture, this chapter contains data on the status of libraries and the status of historic relics. Information on culture are obtained from official statistics compiled by the Ministry of Education and the Council for Cultural Affairs, respectively. On the front of mass communication, this chapter introduces the status of mass communication enterprises and the saturation rates for newspapers and magazines. The information on mass communication enterprises come from official statistics produced by the Ministry of Finance while that on newspapers and magazines, from the *Report on the Survey of Family Income and Expenditure* published by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan, Republic of China.

The Annual National Technology Survey takes place once a year. Objects of the survey are all of the organizations engaging in research in the fields of natural sciences, engineering, medical sciences, agricultural sciences, humanities and social sciences, including departments and institutes of all public and private colleges and universities, independent research institutes, and public and private industries. For investigation, private industries are drawn by the stratified sampling method, and the data are used as a base to estimate the population of each related parameter by ratio estimation. For all other kinds, every object is investigated in the survey, and the data obtained from this part are directly compiled and tabulated in the statistical tables without going through any estimation process. The survey adopts the calendar year as the survey period.

School Year -- A school year begins August 1 of a year to July 31 of the next year. Each school year is divided into two semesters, with the first semester being from August 1 of a year to January 31 of the next year and the second semester, from February 1 to July 31 of the next year.

Education at All Levels -- Education can be classified into following five stages: preschool education (preceding the first level), primary education (first level), secondary education (second level), higher education (third level), and social education (special and other levels). The preschool education is offered to toddlers (age 3 to 5) at the kindergartens. The primary education is offered to students (age 6 to 11) at the elementary schools. The secondary education is offered to students (age 12 to 17) at the junior high, senior high, and vocational senior schools (including the first three years of the 5-year junior colleges). The higher education is offered to students (age 18 to 21) at the colleges/universities and above (excluding the first three year of the 5-year junior colleges).

Opportunity for graduates entering advanced levels -- This refers to the chance for a school graduate to enroll in a school the next higher level. For instance, the opportunity for a junior high school graduate entering advanced levels is the first-year students at the senior high schools, vocational senior schools (including supplementary schools and prolonged education classes), and 5-year junior colleges as a percentage of total graduates coming out of all junior high schools in the current year.

Education Attainments -- This refers to the highest school education received or the highest qualification test passed or the best knowledge gained from informal schools, at home and overseas, by a person of age 25 or above at the benchmark date. An informal school may be a tutorial class, unregistered college, correspondence course program (school), symposium, training class, supplementary education class, seminars, and self-study.

To facilitate comparison with international statistics, the indicators has presented R&D expenditures and personnel since 2001, which are classified according to the definitions in the newest edition of the OECD's R&D manual "Frascati Manual". In the OECD criterion, only persons with university degree or above are counted as "researchers". Those with lower formal qualifications are counted as "technicians."

Scientific and Technical Paper -- This refers to the papers produced in the process of the scientific and technological activities, including referee papers, conference papers and monographs. The research reports published yet never in any academic journals and the dissertations of doctors or masters are excluded from the statistics.

**Table 37. Education preceding the first level: institutions, teachers and students**

| School Year | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        | Students enrolled (Persons) |         |           |        |
|-------------|-----------------------|--------|--------------------------|--------|-----------|--------|-----------------------------|---------|-----------|--------|
|             | Total                 | Public | Total                    |        | Public    |        | Total                       |         | Public    |        |
|             |                       |        | Both sexes               | Female | Sub-total | Female | Both sexes                  | Female  | Sub-total | Female |
| 1981        | 1 285                 | 382    | 7 344                    | 7 276  | 1 368     | 1 348  | 191 693                     | 89 705  | 48 784    | 22 939 |
| 1982        | 1 470                 | 374    | 8 736                    | 8 621  | 1 306     | 1 283  | 193 744                     | 91 367  | 38 813    | 18 651 |
| 1983        | 1 719                 | 325    | 10 160                   | 10 008 | 1 186     | 1 158  | 214 076                     | 101 142 | 33 809    | 16 038 |
| 1984        | 2 014                 | 145    | 11 961                   | 11 805 | 679       | 676    | 234 172                     | 110 132 | 17 251    | 8 412  |
| 1985        | 2 210                 | 158    | 12 471                   | 12 310 | 766       | 765    | 234 674                     | 111 249 | 17 859    | 8 677  |
| 1986        | 2 396                 | 550    | 12 769                   | 12 593 | 1 838     | 1 822  | 238 428                     | 112 901 | 41 188    | 19 890 |
| 1987        | 2 518                 | 639    | 12 994                   | 12 834 | 2 299     | 2 267  | 250 179                     | 119 288 | 47 569    | 23 278 |
| 1988        | 2 548                 | 678    | 13 446                   | 13 284 | 2 407     | 2 380  | 248 498                     | 118 117 | 47 765    | 23 193 |
| 1989        | 2 556                 | 688    | 13 244                   | 13 080 | 2 560     | 2 537  | 242 785                     | 116 036 | 45 667    | 22 325 |
| 1990        | 2 505                 | 696    | 14 508                   | 14 256 | 2 631     | 2 627  | 237 285                     | 113 228 | 47 388    | 23 372 |
| 1991        | 2 495                 | 716    | 14 852                   | 14 628 | 2 752     | 2 748  | 235 099                     | 112 404 | 48 271    | 23 796 |
| 1992        | 2 420                 | 716    | 14 727                   | 14 393 | 2 892     | 2 829  | 231 124                     | 110 531 | 48 563    | 24 017 |
| 1993        | 2 435                 | 774    | 14 998                   | 14 822 | 2 982     | 2 982  | 237 779                     | 113 367 | 51 113    | 25 236 |
| 1994        | 2 484                 | 815    | 15 340                   | 15 158 | 3 155     | 3 153  | 235 150                     | 111 662 | 53 189    | 25 885 |
| 1995        | 2 581                 | 883    | 16 129                   | 15 977 | 3 419     | 3 414  | 240 368                     | 113 416 | 55 529    | 27 280 |
| 1996        | 2 660                 | 923    | 16 076                   | 15 891 | 3 711     | 3 696  | 235 830                     | 111 228 | 57 679    | 28 166 |
| 1997        | 2 777                 | 1 009  | 16 543                   | 16 398 | 4 005     | 3 988  | 230 781                     | 109 546 | 60 918    | 29 970 |
| 1998        | 2 874                 | 1 065  | 17 795                   | 17 584 | 4 290     | 4 286  | 238 787                     | 112 662 | 64 936    | 32 067 |
| 1999        | 3 005                 | 1 160  | 18 168                   | 18 026 | 4 550     | 4 545  | 232 610                     | 110 439 | 68 563    | 33 813 |
| 2000        | 3 150                 | 1 230  | 20 099                   | 19 877 | 5 045     | 4 993  | 243 090                     | 115 898 | 73 434    | 36 128 |
| 2001        | 3 234                 | 1 288  | 19 799                   | 19 600 | 5 246     | 5 212  | 246 303                     | 118 800 | 75 956    | 37 217 |
| 2002        | 3 275                 | 1 331  | 20 457                   | 20 060 | 5 363     | 5 302  | 241 180                     | 115 104 | 76 382    | 37 520 |
| 2003        | 3 306                 | 1 358  | 21 251                   | 20 900 | 5 362     | 5 325  | 240 926                     | 114 494 | 74 462    | 36 453 |
| 2004        | 3 252                 | 1 348  | 20 894                   | 20 551 | 5 307     | 5 269  | 237 155                     | 112 803 | 73 177    | 35 972 |
| 2005        | 3 351                 | 1 474  | 21 833                   | 21 480 | 5 976     | 5 933  | 224 219                     | 106 650 | 69 186    | 34 010 |
| 2006        | 3 329                 | 1 507  | 19 037                   | 18 821 | 6 324     | 6 276  | 201 815                     | 96 410  | 73 334    | 36 206 |
| 2007        | 3 283                 | 1 528  | 17 403                   | 17 204 | 5 700     | 5 662  | 191 773                     | 91 556  | 73 224    | 35 984 |
| 2008        | 3 195                 | 1 544  | 17 369                   | 17 172 | 5 856     | 5 819  | 185 668                     | 88 412  | 73 329    | 35 866 |
| 2009        | 3 154                 | 1 553  | 16 904                   | 16 708 | 5 938     | 5 896  | 182 049                     | 86 345  | 72 991    | 35 568 |
| 2010        | 3 283                 | 1 560  | 14 630                   | 14 489 | 5 801     | 5 760  | 183 901                     | 87 446  | 72 027    | 35 305 |

Table 38. Education at the first level :

| School Year | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        |
|-------------|-----------------------|--------|--------------------------|--------|-----------|--------|
|             | Total                 | Public | Total                    |        | Public    |        |
|             |                       |        | Both sexes               | Female | Sub-total | Female |
| 1981        | 2 444                 | 2 422  | 69 613                   | 35 900 | 68 801    | 35 245 |
| 1982        | 2 457                 | 2 435  | 70 055                   | 36 518 | 69 236    | 35 874 |
| 1983        | 2 464                 | 2 442  | 70 648                   | 37 223 | 69 838    | 36 578 |
| 1984        | 2 474                 | 2 452  | 71 512                   | 38 127 | 70 695    | 37 485 |
| 1985        | 2 486                 | 2 464  | 72 287                   | 39 156 | 71 481    | 38 520 |
| 1986        | 2 486                 | 2 464  | 74 838                   | 40 639 | 74 023    | 39 984 |
| 1987        | 2 472                 | 2 450  | 76 226                   | 42 503 | 75 424    | 41 866 |
| 1988        | 2 478                 | 2 456  | 77 892                   | 44 296 | 77 078    | 43 642 |
| 1989        | 2 484                 | 2 462  | 80 849                   | 47 971 | 80 015    | 47 287 |
| 1990        | 2 487                 | 2 465  | 82 583                   | 49 148 | 81 768    | 48 483 |
| 1991        | 2 495                 | 2 473  | 84 304                   | 50 886 | 83 492    | 50 218 |
| 1992        | 2 492                 | 2 470  | 84 052                   | 50 840 | 83 228    | 50 163 |
| 1993        | 2 505                 | 2 483  | 83 480                   | 50 922 | 82 647    | 50 237 |
| 1994        | 2 517                 | 2 495  | 84 150                   | 52 142 | 83 299    | 51 444 |
| 1995        | 2 523                 | 2 501  | 87 934                   | 55 908 | 87 063    | 55 187 |
| 1996        | 2 519                 | 2 497  | 90 127                   | 57 662 | 89 262    | 56 951 |
| 1997        | 2 540                 | 2 518  | 92 104                   | 59 595 | 91 242    | 58 888 |
| 1998        | 2 557                 | 2 535  | 95 029                   | 62 832 | 94 172    | 62 120 |
| 1999        | 2 583                 | 2 560  | 98 745                   | 65 729 | 97 895    | 65 018 |
| 2000        | 2 600                 | 2 575  | 101 581                  | 67 843 | 100 669   | 67 076 |
| 2001        | 2 611                 | 2 586  | 103 501                  | 69 938 | 102 581   | 69 176 |
| 2002 r      | 2 627                 | 2 597  | 104 300                  | 70 986 | 103 172   | 70 052 |
| 2003 r      | 2 638                 | 2 609  | 103 803                  | 70 307 | 102 663   | 69 344 |
| 2004        | 2 646                 | 2 611  | 102 882                  | 69 948 | 101 618   | 68 885 |
| 2005        | 2 655                 | 2 619  | 101 662                  | 69 317 | 100 286   | 68 159 |
| 2006        | 2 651                 | 2 615  | 100 692                  | 68 628 | 99 327    | 67 483 |
| 2007 r      | 2 651                 | 2 613  | 101 360                  | 69 420 | 99 811    | 68 144 |
| 2008 r      | 2 654                 | 2 617  | 100 206                  | 68 655 | 98 641    | 67 377 |
| 2009 r      | 2 658                 | 2 621  | 99 155                   | 68 066 | 97 557    | 66 764 |
| 2010        | 2 661                 | 2 622  | 99 541                   | 68 692 | 97 876    | 67 330 |



**institutions, teachers, graduates and students**

| Graduates (Persons) |         |           |         | Students enrolled (Persons) |           |           |           |
|---------------------|---------|-----------|---------|-----------------------------|-----------|-----------|-----------|
| Total               |         | Public    |         | Total                       |           | Public    |           |
| Both sexes          | Female  | Sub-total | Female  | Both sexes                  | Female    | Sub-total | Female    |
| 375 965             | 182 738 | 371 958   | 181 080 | 2 213 179                   | 1 075 582 | 2 187 935 | 1 064 852 |
| 375 755             | 182 765 | 371 697   | 181 074 | 2 226 699                   | 1 082 953 | 2 201 906 | 1 072 395 |
| 359 886             | 175 665 | 355 913   | 173 908 | 2 242 641                   | 1 090 097 | 2 217 957 | 1 079 466 |
| 354 687             | 172 254 | 349 249   | 169 823 | 2 273 390                   | 1 103 511 | 2 248 835 | 1 092 876 |
| 356 176             | 173 289 | 352 355   | 172 478 | 2 321 700                   | 1 126 230 | 2 296 919 | 1 115 526 |
| 357 398             | 173 688 | 353 605   | 172 879 | 2 364 438                   | 1 146 939 | 2 339 469 | 1 136 033 |
| 390 836             | 189 824 | 386 832   | 188 117 | 2 400 614                   | 1 164 465 | 2 375 375 | 1 153 430 |
| 396 248             | 193 137 | 392 167   | 191 372 | 2 407 166                   | 1 167 311 | 2 381 229 | 1 155 897 |
| 389 752             | 188 822 | 385 720   | 187 034 | 2 384 801                   | 1 155 940 | 2 358 650 | 1 144 344 |
| 406 231             | 196 882 | 402 194   | 195 059 | 2 354 113                   | 1 140 522 | 2 328 193 | 1 128 939 |
| 399 710             | 194 042 | 394 598   | 191 742 | 2 293 444                   | 1 111 804 | 2 267 458 | 1 100 171 |
| 396 807             | 192 141 | 392 802   | 190 352 | 2 200 968                   | 1 065 735 | 2 175 449 | 1 054 298 |
| 395 678             | 191 843 | 391 684   | 190 082 | 2 111 037                   | 1 021 739 | 2 085 667 | 1 010 449 |
| 378 491             | 183 565 | 374 421   | 181 768 | 2 032 361                   | 981 823   | 2 006 995 | 970 528   |
| 359 708             | 174 166 | 355 680   | 172 373 | 1 971 439                   | 950 849   | 1 946 445 | 939 651   |
| 346 756             | 168 261 | 342 831   | 166 479 | 1 934 756                   | 931 005   | 1 910 221 | 920 105   |
| 310 968             | 150 332 | 307 120   | 149 502 | 1 905 690                   | 913 906   | 1 881 776 | 903 262   |
| 304 850             | 146 886 | 301 158   | 145 243 | 1 910 681                   | 914 574   | 1 887 505 | 904 295   |
| 317 847             | 152 943 | 314 277   | 151 356 | 1 927 179                   | 921 643   | 1 904 944 | 911 834   |
| 317 581             | 152 627 | 314 005   | 151 067 | 1 925 981                   | 920 898   | 1 903 815 | 910 962   |
| 326 223             | 155 865 | 322 653   | 154 322 | 1 925 491                   | 920 991   | 1 904 147 | 911 368   |
| 318 758             | 151 752 | 315 328   | 150 180 | 1 918 034                   | 918 087   | 1 894 643 | 907 492   |
| 317 510             | 151 713 | 313 896   | 150 075 | 1 913 000                   | 916 677   | 1 888 731 | 905 704   |
| 319 630             | 153 342 | 316 336   | 151 806 | 1 883 533                   | 903 002   | 1 857 186 | 891 104   |
| 318 431             | 152 811 | 314 052   | 150 839 | 1 831 873                   | 877 951   | 1 804 466 | 865 444   |
| 317 713             | 152 887 | 313 363   | 150 947 | 1 798 393                   | 861 386   | 1 770 189 | 848 549   |
| 318 661             | 152 941 | 313 977   | 150 823 | 1 754 095                   | 839 593   | 1 724 064 | 825 943   |
| 314 200             | 150 567 | 309 428   | 148 407 | 1 677 439                   | 802 317   | 1 647 522 | 788 629   |
| 288 349             | 138 206 | 283 515   | 136 004 | 1 593 398                   | 761 409   | 1 563 363 | 747 729   |
| ...                 | ...     | ...       | ...     | 1 519 456                   | 724 950   | 1 488 732 | 710 973   |

Table 39. Education at the second level (general, vocational

| School Year<br>and<br>type of education | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        |
|---|-----------------------|--------|--------------------------|--------|-----------|--------|
|   | Total                 | Public | Total                    |        | Public    |        |
|   |                       |        | Both sexes               | Female | Sub-total | Female |
| 1981 Total                              | 1 034                 | 814    | 71 099                   | 32 731 | 60 511    | 29 241 |
| General                                 | 838                   | 729    | 57 952                   | 28 195 | 52 531    | 26 786 |
| Vocational                              | 196                   | 85     | 13 147                   | 4 536  | 7 980     | 2 455  |
| Teacher-training                        | -                     | -      | -                        | -      | -         | -      |
| 1982 Total                              | 1 038                 | 818    | 73 155                   | 34 010 | 61 639    | 29 027 |
| General                                 | 836                   | 731    | 58 713                   | 28 969 | 53 246    | 26 447 |
| Vocational                              | 202                   | 87     | 14 442                   | 5 041  | 8 393     | 2 580  |
| Teacher-training                        | -                     | -      | -                        | -      | -         | -      |
| 1983 Total                              | 1 047                 | 827    | 74 873                   | 35 107 | 62 765    | 29 776 |
| General                                 | 845                   | 740    | 59 871                   | 29 801 | 54 121    | 27 108 |
| Vocational                              | 202                   | 87     | 15 002                   | 5 306  | 8 644     | 2 668  |
| 1984 Total                              | 1 046                 | 827    | 75 775                   | 35 933 | 63 343    | 30 346 |
| General                                 | 845                   | 740    | 60 373                   | 30 364 | 54 527    | 27 582 |
| Vocational                              | 201                   | 87     | 15 402                   | 5 569  | 8 816     | 2 764  |
| 1985 Total                              | 1 052                 | 834    | 76 563                   | 36 528 | 63 958    | 30 937 |
| General                                 | 851                   | 746    | 60 683                   | 30 737 | 54 756    | 27 981 |
| Vocational                              | 201                   | 88     | 15 880                   | 5 791  | 9 202     | 2 956  |
| 1986 Total                              | 1 055                 | 836    | 77 849                   | 37 247 | 64 792    | 31 227 |
| General                                 | 851                   | 747    | 61 128                   | 30 958 | 55 094    | 28 049 |
| Vocational                              | 204                   | 89     | 16 721                   | 6 289  | 9 698     | 3 178  |
| 1987 Total                              | 1 059                 | 840    | 78 747                   | 38 207 | 65 570    | 32 085 |
| General                                 | 850                   | 746    | 61 381                   | 31 531 | 55 338    | 28 669 |
| Vocational                              | 209                   | 94     | 17 366                   | 6 676  | 10 232    | 3 416  |
| 1988 Total                              | 1 063                 | 844    | 80 062                   | 39 650 | 66 829    | 33 307 |
| General                                 | 851                   | 750    | 62 401                   | 32 663 | 56 363    | 29 742 |
| Vocational                              | 212                   | 94     | 17 661                   | 6 987  | 10 466    | 3 565  |
| 1989 Total                              | 1 073                 | 854    | 81 986                   | 41 576 | 68 651    | 35 066 |
| General                                 | 859                   | 760    | 64 299                   | 34 395 | 58 095    | 31 376 |
| Vocational                              | 214                   | 94     | 17 687                   | 7 181  | 10 556    | 3 690  |
| 1990 Total                              | 1 086                 | 865    | 84 260                   | 43 364 | 70 271    | 36 437 |
| General                                 | 870                   | 770    | 66 557                   | 36 178 | 59 590    | 32 719 |
| Vocational                              | 216                   | 95     | 17 703                   | 7 186  | 10 681    | 3 718  |

**and teacher-training) : institutions, teachers, graduates and students**

| Graduates (Persons) |         |           |         | Students enrolled (Persons) |         |           |         |
|---------------------|---------|-----------|---------|-----------------------------|---------|-----------|---------|
| Total               |         | Public    |         | Total                       |         | Public    |         |
| Both sexes          | Female  | Sub-total | Female  | Both sexes                  | Female  | Sub-total | Female  |
| 497 150             | 240 793 | 413 783   | 202 370 | 1 627 652                   | 780 780 | 1 318 704 | 624 148 |
| 395 528             | 190 573 | 369 778   | 181 160 | 1 253 333                   | 592 075 | 1 165 260 | 553 519 |
| 101 524             | 50 185  | 43 907    | 21 175  | 374 206                     | 188 663 | 153 331   | 70 587  |
| 98                  | 35      | 98        | 35      | 113                         | 42      | 113       | 42      |
| 514 639             | 250 654 | 424 158   | 207 562 | 1 663 643                   | 801 973 | 1 341 183 | 637 468 |
| 403 311             | 193 123 | 377 160   | 185 418 | 1 269 373                   | 603 912 | 1 181 854 | 565 245 |
| 111 316             | 57 525  | 46 986    | 22 138  | 394 258                     | 198 055 | 159 317   | 72 217  |
| 12                  | 6       | 12        | 6       | 12                          | 6       | 12        | 6       |
| 525 943             | 257 136 | 428 607   | 209 704 | 1 682 364                   | 812 423 | 1 354 703 | 644 247 |
| 404 316             | 194 513 | 377 966   | 185 905 | 1 277 815                   | 609 070 | 1 190 440 | 570 387 |
| 121 627             | 62 623  | 50 641    | 23 799  | 404 549                     | 203 353 | 164 263   | 73 860  |
| 534 947             | 257 427 | 436 357   | 214 279 | 1 677 924                   | 813 730 | 1 344 401 | 641 381 |
| 412 308             | 195 202 | 386 228   | 191 191 | 1 270 092                   | 607 753 | 1 181 438 | 568 155 |
| 122 639             | 62 225  | 50 129    | 23 088  | 407 832                     | 205 977 | 162 963   | 73 226  |
| 534 853             | 260 791 | 437 056   | 210 458 | 1 678 767                   | 816 816 | 1 331 602 | 636 496 |
| 413 112             | 198 231 | 386 026   | 187 026 | 1 256 983                   | 602 458 | 1 165 116 | 560 909 |
| 121 741             | 62 560  | 51 030    | 23 432  | 421 784                     | 214 358 | 166 486   | 75 587  |
| 525 916             | 257 124 | 423 521   | 208 828 | 1 691 516                   | 826 998 | 1 327 828 | 635 833 |
| 402 272             | 193 195 | 373 762   | 185 901 | 1 253 592                   | 601 103 | 1 158 083 | 558 234 |
| 123 644             | 63 929  | 49 759    | 22 927  | 437 924                     | 225 895 | 169 745   | 77 599  |
| 529 234             | 267 345 | 421 264   | 208 360 | 1 707 270                   | 840 192 | 1 339 880 | 645 327 |
| 398 917             | 199 069 | 369 399   | 183 503 | 1 259 942                   | 606 568 | 1 162 696 | 562 977 |
| 130 317             | 68 276  | 51 865    | 24 857  | 447 328                     | 233 624 | 177 184   | 82 350  |
| 544 304             | 273 623 | 429 113   | 216 247 | 1 742 116                   | 861 177 | 1 375 258 | 664 119 |
| 403 911             | 198 287 | 372 956   | 189 331 | 1 297 884                   | 625 036 | 1 194 461 | 579 018 |
| 140 393             | 75 336  | 56 157    | 26 916  | 444 232                     | 236 141 | 180 797   | 85 101  |
| 532 682             | 268 884 | 428 604   | 212 261 | 1 767 835                   | 879 781 | 1 399 337 | 681 460 |
| 403 857             | 198 801 | 373 490   | 185 108 | 1 329 695                   | 644 431 | 1 220 642 | 595 914 |
| 128 825             | 70 083  | 55 114    | 27 153  | 438 140                     | 235 350 | 178 695   | 85 546  |
| 562 617             | 284 483 | 453 836   | 224 853 | 1 818 301                   | 904 743 | 1 428 828 | 694 514 |
| 434 536             | 213 471 | 399 700   | 197 664 | 1 369 190                   | 661 997 | 1 250 723 | 609 163 |
| 128 081             | 71 012  | 54 136    | 27 189  | 449 111                     | 242 746 | 178 105   | 85 351  |

Table 39. Education at the second level (general, vocational)

| School Year<br>and<br>type of education | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        |
|---|-----------------------|--------|--------------------------|--------|-----------|--------|
|   | Total                 | Public | Total                    |        | Public    |        |
|   |                       |        | Both sexes               | Female | Sub-total | Female |
| 1991 Total                              | 1 095                 | 872    | 87 206                   | 45 563 | 72 027    | 37 967 |
| General                                 | 883                   | 777    | 69 206                   | 38 115 | 61 189    | 34 119 |
| Vocational                              | 212                   | 95     | 18 000                   | 7 448  | 10 838    | 3 848  |
| 1992 Total                              | 1 101                 | 878    | 89 071                   | 47 180 | 73 257    | 39 094 |
| General                                 | 890                   | 783    | 70 739                   | 39 440 | 62 310    | 35 178 |
| Vocational                              | 211                   | 95     | 18 332                   | 7 740  | 10 947    | 3 916  |
| 1993 Total                              | 1 107                 | 884    | 91 711                   | 49 560 | 74 925    | 40 834 |
| General                                 | 898                   | 789    | 72 875                   | 41 466 | 63 916    | 36 870 |
| Vocational                              | 209                   | 95     | 18 836                   | 8 094  | 11 009    | 3 964  |
| 1994 Total                              | 1 113                 | 890    | 93 617                   | 51 403 | 76 038    | 42 095 |
| General                                 | 907                   | 795    | 74 465                   | 42 943 | 64 986    | 38 017 |
| Vocational                              | 206                   | 95     | 19 152                   | 8 460  | 11 052    | 4 078  |
| 1995 Total                              | 1 123                 | 900    | 96 222                   | 53 551 | 77 635    | 43 574 |
| General                                 | 920                   | 804    | 76 562                   | 44 650 | 66 489    | 39 405 |
| Vocational                              | 203                   | 96     | 19 660                   | 8 901  | 11 146    | 4 169  |
| 1996 Total                              | 1 138                 | 914    | 98 437                   | 55 087 | 79 189    | 44 825 |
| General                                 | 934                   | 816    | 78 246                   | 45 923 | 67 908    | 40 552 |
| Vocational                              | 204                   | 98     | 20 191                   | 9 164  | 11 281    | 4 273  |
| 1997 Total                              | 1 151                 | 926    | 99 411                   | 56 234 | 79 664    | 45 622 |
| General                                 | 947                   | 827    | 79 001                   | 46 804 | 68 263    | 41 202 |
| Vocational                              | 204                   | 99     | 20 410                   | 9 430  | 11 401    | 4 420  |
| 1998 Total                              | 1 158                 | 933    | 98 857                   | 56 378 | 78 707    | 45 537 |
| General                                 | 957                   | 834    | 78 455                   | 46 817 | 67 267    | 40 986 |
| Vocational                              | 201                   | 99     | 20 402                   | 9 561  | 11 440    | 4 551  |
| 1999 Total                              | 1 171                 | 946    | 98 709                   | 57 105 | 78 901    | 46 401 |
| General                                 | 972                   | 849    | 78 506                   | 47 590 | 67 351    | 41 691 |
| Vocational                              | 199                   | 97     | 20 203                   | 9 515  | 11 550    | 4 710  |
| 2000 Total                              | 1 174                 | 949    | 98 677                   | 57 775 | 79 144    | 47 103 |
| General                                 | 986                   | 854    | 79 865                   | 48 823 | 67 712    | 42 322 |
| Vocational                              | 188                   | 95     | 18 812                   | 8 952  | 11 432    | 4 781  |

**and teacher-training) : institutions, teachers, graduates and students (continued)**

| Graduates (Persons) |         |           |         | Students enrolled (Persons) |         |           |         |
|---------------------|---------|-----------|---------|-----------------------------|---------|-----------|---------|
| Total               |         | Public    |         | Total                       |         | Public    |         |
| Both sexes          | Female  | Sub-total | Female  | Both sexes                  | Female  | Sub-total | Female  |
| 573 323             | 289 841 | 457 226   | 226 089 | 1 870 315                   | 929 786 | 1 449 887 | 702 500 |
| 438 406             | 214 779 | 401 852   | 198 493 | 1 394 463                   | 672 972 | 1 267 556 | 616 186 |
| 134 917             | 75 062  | 55 374    | 27 596  | 475 852                     | 256 814 | 182 331   | 86 314  |
| 584 447             | 295 652 | 458 604   | 225 492 | 1 909 625                   | 950 362 | 1 460 615 | 707 699 |
| 441 667             | 216 061 | 402 267   | 197 939 | 1 408 904                   | 681 937 | 1 273 248 | 620 320 |
| 142 780             | 79 591  | 56 337    | 27 553  | 500 721                     | 268 425 | 187 367   | 87 379  |
| 614 714             | 308 639 | 477 300   | 233 494 | 1 941 241                   | 963 970 | 1 472 445 | 711 917 |
| 461 828             | 224 758 | 418 884   | 205 195 | 1 426 030                   | 689 151 | 1 282 145 | 623 221 |
| 152 886             | 83 881  | 58 416    | 28 299  | 515 211                     | 274 819 | 190 300   | 88 696  |
| 614 967             | 309 391 | 472 439   | 230 851 | 1 947 022                   | 967 557 | 1 462 300 | 706 269 |
| 457 387             | 223 034 | 412 938   | 202 393 | 1 423 040                   | 688 379 | 1 271 382 | 618 274 |
| 157 580             | 86 357  | 59 501    | 28 458  | 523 982                     | 279 178 | 190 918   | 87 995  |
| 614 291             | 308 874 | 468 760   | 228 574 | 1 935 613                   | 960 636 | 1 444 511 | 696 809 |
| 456 361             | 222 503 | 408 842   | 199 991 | 1 412 201                   | 683 096 | 1 253 611 | 609 314 |
| 157 930             | 86 371  | 59 918    | 28 583  | 523 412                     | 277 540 | 190 900   | 87 495  |
| 621 270             | 311 154 | 468 051   | 227 683 | 1 908 935                   | 945 015 | 1 410 920 | 680 266 |
| 458 629             | 223 183 | 408 435   | 199 757 | 1 388 782                   | 673 103 | 1 223 805 | 595 717 |
| 162 641             | 87 971  | 59 616    | 27 926  | 520 153                     | 271 912 | 187 115   | 84 549  |
| 607 709             | 304 568 | 455 351   | 221 948 | 1 874 747                   | 926 433 | 1 369 862 | 661 564 |
| 448 472             | 218 959 | 396 512   | 194 364 | 1 365 683                   | 664 039 | 1 185 949 | 578 833 |
| 159 237             | 85 609  | 58 839    | 27 584  | 509 064                     | 262 394 | 183 913   | 82 731  |
| 595 872             | 296 746 | 439 614   | 213 735 | 1 814 202                   | 893 253 | 1 311 482 | 633 615 |
| 437 319             | 214 081 | 382 625   | 187 807 | 1 321 147                   | 643 691 | 1 130 337 | 552 919 |
| 158 553             | 82 665  | 56 989    | 25 928  | 493 055                     | 249 562 | 181 145   | 80 696  |
| 591 159             | 294 434 | 430 494   | 210 285 | 1 756 034                   | 861 818 | 1 269 162 | 613 753 |
| 438 579             | 215 521 | 374 084   | 184 274 | 1 288 827                   | 628 279 | 1 089 855 | 533 462 |
| 152 580             | 78 913  | 56 410    | 26 011  | 467 207                     | 233 539 | 179 307   | 80 291  |
| 551 631             | 273 352 | 400 804   | 195 619 | 1 713 489                   | 836 803 | 1 247 543 | 604 424 |
| 408 255             | 200 161 | 345 395   | 170 146 | 1 286 123                   | 625 166 | 1 078 063 | 526 860 |
| 143 376             | 73 191  | 55 409    | 25 473  | 427 366                     | 211 637 | 169 480   | 77 564  |

Table 39. Education at the second level (general, vocational

| School Year<br>and<br>type of education | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        |
|---|-----------------------|--------|--------------------------|--------|-----------|--------|
|   | Total                 | Public | Total                    |        | Public    |        |
|   |                       |        | Both sexes               | Female | Sub-total | Female |
| 2001 Total                              | 1 181                 | 958    | 98 609                   | 58 674 | 80 026    | 48 509 |
| General                                 | 1 003                 | 863    | 81 212                   | 50 402 | 68 693    | 43 644 |
| Vocational                              | 178                   | 95     | 17 397                   | 8 272  | 11 333    | 4 865  |
| 2002 Total                              | 1 188                 | 965    | 97 710                   | 58 857 | 79 484    | 48 929 |
| General                                 | 1 018                 | 870    | 81 499                   | 51 061 | 68 437    | 44 031 |
| Vocational                              | 170                   | 95     | 16 211                   | 7 796  | 11 047    | 4 898  |
| 2003 Total                              | 1 192                 | 973    | 97 738                   | 59 421 | 79 638    | 49 555 |
| General                                 | 1 028                 | 880    | 81 967                   | 51 758 | 68 819    | 44 655 |
| Vocational                              | 164                   | 93     | 15 771                   | 7 663  | 10 819    | 4 900  |
| 2004 Total                              | 1 196                 | 975    | 97 432                   | 59 722 | 79 507    | 49 957 |
| General                                 | 1 035                 | 882    | 81 928                   | 52 112 | 68 622    | 44 887 |
| Vocational                              | 161                   | 93     | 15 504                   | 7 610  | 10 885    | 5 070  |
| 2005 Total                              | 1 203                 | 987    | 98 499                   | 60 735 | 80 027    | 50 575 |
| General                                 | 1 046                 | 894    | 82 909                   | 53 032 | 69 142    | 45 456 |
| Vocational                              | 157                   | 93     | 15 590                   | 7 703  | 10 885    | 5 119  |
| 2006 Total                              | 1 210                 | 991    | 100 498                  | 62 263 | 81 879    | 51 914 |
| General                                 | 1 054                 | 899    | 84 330                   | 54 147 | 70 427    | 46 386 |
| Vocational                              | 156                   | 92     | 16 168                   | 8 116  | 11 452    | 5 528  |
| 2007 Total                              | 1 216                 | 994    | 102 333                  | 63 768 | 83 504    | 53 244 |
| General                                 | 1 060                 | 902    | 86 075                   | 55 528 | 71 989    | 47 639 |
| Vocational                              | 156                   | 92     | 16 258                   | 8 240  | 11 515    | 5 605  |
| 2008 Total                              | 1 217                 | 994    | 103 006                  | 64 350 | 84 162    | 53 786 |
| General                                 | 1 061                 | 902    | 86 536                   | 55 942 | 72 627    | 48 108 |
| Vocational                              | 156                   | 92     | 16 470                   | 8 408  | 11 535    | 5 678  |
| 2009 Total                              | 1 226                 | 1 000  | 104 064                  | 65 287 | 85 109    | 54 555 |
| General                                 | 1 070                 | 908    | 87 479                   | 56 698 | 73 482    | 48 750 |
| Vocational                              | 156                   | 92     | 16 585                   | 8 589  | 11 627    | 5 805  |
| 2010 Total                              | 1 231                 | 1 006  | 105 154                  | 66 092 | 85 759    | 55 108 |
| General                                 | 1 075                 | 914    | 88 248                   | 57 259 | 73 958    | 49 154 |
| Vocational                              | 156                   | 92     | 16 906                   | 8 833  | 11 801    | 5 954  |

**and teacher-training) : institutions, teachers, graduates and students (continued)**

| Graduates (Persons) |         |           |         | Students enrolled (Persons) |         |           |         |
|---------------------|---------|-----------|---------|-----------------------------|---------|-----------|---------|
| Total               |         | Public    |         | Total                       |         | Public    |         |
| Both sexes          | Female  | Sub-total | Female  | Both sexes                  | Female  | Sub-total | Female  |
| 546 844             | 268 986 | 401 875   | 194 842 | 1 684 449                   | 817 970 | 1 256 947 | 607 726 |
| 412 831             | 201 414 | 347 505   | 169 619 | 1 306 718                   | 634 979 | 1 098 938 | 536 449 |
| 134 013             | 67 572  | 54 370    | 25 223  | 377 731                     | 182 991 | 158 009   | 71 277  |
| 552 329             | 270 851 | 411 034   | 201 411 | 1 679 959                   | 810 660 | 1 264 353 | 609 195 |
| 438 288             | 213 543 | 364 122   | 178 014 | 1 340 332                   | 650 851 | 1 120 428 | 545 620 |
| 114 041             | 57 308  | 46 912    | 23 397  | 339 627                     | 159 809 | 143 925   | 63 575  |
| 531 365             | 258 890 | 409 525   | 198 418 | 1 676 970                   | 804 052 | 1 262 465 | 604 932 |
| 432 258             | 211 256 | 366 015   | 178 977 | 1 350 974                   | 655 562 | 1 126 447 | 547 518 |
| 99 107              | 47 634  | 43 510    | 19 441  | 325 996                     | 148 490 | 136 018   | 57 414  |
| 542 853             | 261 539 | 417 867   | 200 664 | 1 692 721                   | 809 291 | 1 261 203 | 603 970 |
| 446 418             | 216 594 | 376 813   | 182 834 | 1 366 562                   | 662 368 | 1 130 376 | 548 912 |
| 96 435              | 44 945  | 41 054    | 17 830  | 326 159                     | 146 923 | 130 827   | 55 058  |
| 544 551             | 262 622 | 410 855   | 197 933 | 1 703 414                   | 813 764 | 1 255 543 | 600 446 |
| 447 201             | 217 667 | 371 251   | 180 556 | 1 371 810                   | 665 631 | 1 126 896 | 546 397 |
| 97 350              | 44 955  | 39 604    | 17 377  | 331 604                     | 148 133 | 128 647   | 54 049  |
| 548 009             | 264 876 | 409 229   | 197 669 | 1 707 038                   | 813 895 | 1 256 213 | 599 516 |
| 448 721             | 218 880 | 370 252   | 180 611 | 1 371 484                   | 664 976 | 1 128 267 | 546 206 |
| 99 288              | 45 996  | 38 977    | 17 058  | 335 554                     | 148 919 | 127 946   | 53 310  |
| 556 076             | 267 841 | 414 164   | 198 705 | 1 707 331                   | 813 162 | 1 259 443 | 600 570 |
| 453 886             | 221 300 | 374 755   | 181 778 | 1 367 834                   | 663 878 | 1 130 528 | 547 339 |
| 102 190             | 46 541  | 39 409    | 16 927  | 339 497                     | 149 284 | 128 915   | 53 231  |
| 550 813             | 264 726 | 413 074   | 198 126 | 1 704 855                   | 812 197 | 1 259 493 | 601 358 |
| 447 749             | 218 222 | 373 016   | 181 159 | 1 358 292                   | 659 461 | 1 129 783 | 547 662 |
| 103 064             | 46 504  | 40 058    | 16 967  | 346 563                     | 152 736 | 129 710   | 53 696  |
| 551 988             | 265 728 | 414 161   | 199 483 | 1 706 325                   | 812 741 | 1 260 933 | 601 340 |
| 447 061             | 218 642 | 373 386   | 182 266 | 1 351 717                   | 655 878 | 1 129 760 | 547 424 |
| 104 927             | 47 086  | 40 775    | 17 217  | 354 608                     | 156 863 | 131 173   | 53 916  |
| ...                 | ...     | ...       | ...     | 1 682 958                   | 801 755 | 1 234 686 | 587 617 |
| ...                 | ...     | ...       | ...     | 1 320 444                   | 640 665 | 1 102 624 | 533 684 |
| ...                 | ...     | ...       | ...     | 362 514                     | 161 090 | 132 062   | 53 933  |

Table 40. Education at the third level :

| School Year | Institution (Numbers) |        |                |                   | Teaching staff (Persons) |        |           |        |                |                   |
|-------------|-----------------------|--------|----------------|-------------------|--------------------------|--------|-----------|--------|----------------|-------------------|
|             | Total                 | Public | Junior college | Univ. and college | Total                    |        | Public    |        | Junior college | Univ. and college |
|             |                       |        |                |                   | Both sexes               | Female | Sub-total | Female |                |                   |
| 1981        | 104                   | 35     | 77             | 27                | 17 452                   | 4 910  | 8 412     | 1 933  | 8 085          | 9 367             |
| 1982        | 105                   | 36     | 77             | 28                | 18 258                   | 5 082  | 8 783     | 1 963  | 8 395          | 9 863             |
| 1983        | 105                   | 36     | 77             | 28                | 19 166                   | 5 469  | 9 075     | 2 099  | 8 903          | 10 263            |
| 1984        | 105                   | 36     | 77             | 28                | 20 061                   | 5 751  | 9 484     | 2 254  | 9 434          | 10 627            |
| 1985        | 105                   | 36     | 77             | 28                | 20 848                   | 6 156  | 9 823     | 2 399  | 9 944          | 10 904            |
| 1986        | 105                   | 36     | 77             | 28                | 21 769                   | 6 486  | 10 223    | 2 530  | 10 444         | 11 325            |
| 1987        | 107                   | 37     | 68             | 39                | 22 849                   | 6 849  | 10 664    | 2 667  | 10 038         | 12 811            |
| 1988        | 109                   | 37     | 70             | 39                | 23 809                   | 7 241  | 11 018    | 2 741  | 10 542         | 13 267            |
| 1989        | 116                   | 39     | 75             | 41                | 25 581                   | 7 871  | 11 601    | 2 893  | 11 624         | 13 957            |
| 1990        | 121                   | 39     | 75             | 46                | 27 579                   | 8 566  | 12 295    | 3 123  | 12 409         | 15 170            |
| 1991        | 123                   | 41     | 73             | 50                | 29 444                   | 9 208  | 12 992    | 3 335  | 12 620         | 16 824            |
| 1992        | 124                   | 42     | 74             | 50                | 31 430                   | 9 995  | 14 183    | 3 755  | 13 639         | 17 791            |
| 1993        | 125                   | 42     | 74             | 51                | 33 392                   | 10 775 | 14 824    | 3 989  | 14 607         | 18 785            |
| 1994 r      | 130                   | 45     | 72             | 58                | 35 163                   | 11 599 | 15 335    | 4 173  | 15 125         | 20 038            |
| 1995 r      | 134                   | 50     | 74             | 60                | 36 348                   | 12 182 | 15 885    | 4 354  | 15 442         | 20 906            |
| 1996        | 137                   | 51     | 70             | 67                | 37 779                   | 12 791 | 16 268    | 4 543  | 14 717         | 23 062            |
| 1997        | 139                   | 51     | 61             | 78                | 38 806                   | 13 228 | 16 400    | 4 624  | 12 243         | 26 563            |
| 1998        | 137                   | 49     | 53             | 84                | 40 149                   | 13 819 | 16 634    | 4 711  | 11 427         | 28 722            |
| 1999        | 141                   | 50     | 36             | 105               | 41 949                   | 14 485 | 16 955    | 4 931  | 7 205          | 34 744            |
| 2000        | 150                   | 53     | 23             | 127               | 43 391                   | 15 032 | 17 115    | 5 054  | 3 826          | 39 565            |
| 2001        | 154                   | 53     | 19             | 135               | 44 769                   | 15 517 | 17 309    | 5 189  | 2 694          | 42 075            |
| 2002        | 154                   | 53     | 15             | 139               | 46 042                   | 15 898 | 17 638    | 5 326  | 1 931          | 44 111            |
| 2003        | 158                   | 54     | 16             | 142               | 47 472                   | 16 376 | 17 964    | 5 465  | 1 770          | 45 702            |
| 2004        | 159                   | 54     | 14             | 145               | 48 649                   | 16 674 | 18 235    | 5 627  | 1 402          | 47 247            |
| 2005        | 162                   | 54     | 17             | 145               | 49 601                   | 16 961 | 18 533    | 5 709  | 1 554          | 48 047            |
| 2006        | 163                   | 55     | 16             | 147               | 50 388                   | 17 192 | 18 938    | 5 863  | 1 393          | 48 995            |
| 2007        | 164                   | 55     | 15             | 149               | 51 128                   | 17 457 | 19 215    | 5 983  | 1 320          | 49 808            |
| 2008        | 162                   | 53     | 15             | 147               | 51 501                   | 17 685 | 19 567    | 6 135  | 1 423          | 50 078            |
| 2009 r      | 164                   | 54     | 15             | 149               | 50 658                   | 17 026 | 19 047    | 5 695  | 1 467          | 49 191            |
| 2010        | 163                   | 54     | 15             | 148               | 50 684                   | 17 229 | 19 375    | 5 828  | 1 598          | 49 086            |



**institutions, teachers, graduates and students**

| Graduates (Persons) |         |           |        |                |                   |                 | Students enrolled (Persons) |         |           |         |                |                   |                 |
|---------------------|---------|-----------|--------|----------------|-------------------|-----------------|-----------------------------|---------|-----------|---------|----------------|-------------------|-----------------|
| Total               |         | Public    |        | Junior college | Univ. and college | Graduate school | Total                       |         | Public    |         | Junior college | Univ. and college | Graduate school |
| Both sexes          | Female  | Sub-total | Female |                |                   |                 | Both sexes                  | Female  | Sub-total | Female  |                |                   |                 |
| 75 128              | 29 832  | 25 287    | 9 538  | 40 827         | 32 102            | 2 199           | 358 437                     | 148 107 | 113 678   | 45 284  | 192 901        | 158 181           | 7 355           |
| 79 618              | 32 709  | 26 725    | 10 574 | 43 330         | 33 710            | 2 578           | 375 696                     | 156 861 | 117 927   | 47 605  | 203 722        | 163 482           | 8 492           |
| 84 909              | 35 194  | 28 247    | 11 412 | 46 227         | 35 716            | 2 966           | 395 153                     | 167 558 | 123 635   | 51 149  | 216 165        | 169 341           | 9 647           |
| 88 357              | 36 905  | 28 380    | 11 414 | 47 877         | 36 998            | 3 482           | 412 381                     | 177 795 | 128 294   | 54 346  | 227 492        | 173 908           | 10 981          |
| 97 289              | 41 520  | 32 197    | 14 021 | 54 703         | 38 625            | 3 961           | 428 576                     | 185 349 | 132 696   | 56 489  | 236 824        | 179 334           | 12 418          |
| 99 838              | 43 341  | 32 978    | 14 358 | 56 408         | 39 065            | 4 365           | 442 648                     | 192 295 | 132 812   | 55 258  | 244 482        | 184 729           | 13 437          |
| 102 242             | 44 511  | 33 948    | 14 578 | 57 082         | 40 380            | 4 780           | 464 664                     | 204 537 | 137 450   | 56 996  | 256 610        | 192 933           | 15 121          |
| 105 676             | 46 038  | 33 164    | 13 302 | 58 912         | 41 406            | 5 358           | 496 530                     | 221 935 | 145 257   | 59 237  | 271 710        | 207 479           | 17 341          |
| 114 313             | 51 251  | 36 894    | 15 533 | 65 177         | 42 952            | 6 184           | 535 064                     | 243 806 | 155 554   | 63 421  | 293 204        | 222 311           | 19 549          |
| 129 193             | 59 640  | 41 451    | 16 899 | 72 867         | 49 399            | 6 927           | 576 623                     | 266 090 | 167 442   | 69 198  | 315 169        | 239 082           | 22 372          |
| 144 354             | 69 561  | 43 950    | 18 525 | 81 683         | 54 375            | 8 296           | 612 376                     | 282 989 | 176 658   | 72 668  | 332 127        | 253 462           | 26 787          |
| 156 600             | 77 235  | 50 438    | 21 101 | 87 427         | 59 478            | 9 695           | 653 162                     | 303 359 | 199 447   | 81 944  | 348 803        | 273 088           | 31 271          |
| 172 849             | 85 001  | 53 905    | 22 208 | 98 433         | 63 160            | 11 256          | 689 185                     | 321 152 | 210 416   | 87 259  | 367 373        | 285 982           | 35 830          |
| 181 170             | 86 890  | 56 542    | 23 112 | 100 793        | 67 823            | 12 554          | 720 180                     | 341 172 | 217 240   | 92 107  | 378 860        | 302 093           | 39 227          |
| 189 563             | 92 787  | 60 819    | 24 945 | 105 113        | 70 748            | 13 702          | 751 347                     | 364 783 | 227 679   | 98 355  | 394 751        | 314 499           | 42 097          |
| 196 384             | 97 421  | 61 248    | 25 579 | 107 626        | 74 255            | 14 503          | 795 547                     | 392 583 | 235 332   | 103 324 | 412 837        | 337 837           | 44 873          |
| 215 412             | 111 015 | 70 147    | 31 557 | 114 182        | 85 802            | 15 428          | 856 186                     | 428 447 | 247 825   | 109 775 | 433 865        | 373 702           | 48 619          |
| 224 630             | 116 906 | 66 970    | 29 869 | 120 886        | 87 421            | 16 323          | 915 921                     | 460 882 | 258 003   | 115 079 | 452 346        | 409 705           | 53 870          |
| 247 890             | 129 405 | 71 451    | 31 727 | 129 507        | 100 171           | 18 212          | 994 283                     | 497 710 | 275 190   | 121 568 | 457 020        | 470 030           | 67 233          |
| 266 561             | 136 962 | 73 509    | 32 085 | 126 916        | 117 430           | 22 215          | 1 092 102                   | 542 885 | 295 184   | 129 394 | 444 182        | 564 059           | 83 861          |
| 296 884             | 150 274 | 79 490    | 34 499 | 123 317        | 146 166           | 27 401          | 1 187 225                   | 591 374 | 318 314   | 139 437 | 406 841        | 677 171           | 103 213         |
| 318 867             | 161 801 | 82 744    | 35 537 | 110 208        | 176 044           | 32 615          | 1 240 292                   | 620 120 | 337 682   | 149 009 | 347 247        | 770 915           | 122 130         |
| 321 808             | 163 236 | 89 493    | 39 208 | 91 009         | 192 854           | 37 945          | 1 270 194                   | 637 125 | 356 383   | 158 473 | 289 025        | 837 602           | 143 567         |
| 336 865             | 171 363 | 91 608    | 40 363 | 81 603         | 210 763           | 44 499          | 1 285 867                   | 640 654 | 369 889   | 164 900 | 230 938        | 894 528           | 160 401         |
| 325 106             | 166 121 | 94 321    | 42 161 | 56 837         | 219 919           | 48 350          | 1 296 558                   | 638 858 | 384 935   | 170 524 | 180 886        | 938 648           | 177 024         |
| 325 274             | 165 184 | 97 778    | 43 404 | 43 803         | 228 645           | 52 826          | 1 313 993                   | 641 555 | 400 029   | 177 113 | 153 978        | 966 591           | 193 424         |
| 323 540             | 162 371 | 101 953   | 45 897 | 35 815         | 230 198           | 57 527          | 1 326 029                   | 646 014 | 412 035   | 183 166 | 133 890        | 987 914           | 204 225         |
| 317 162             | 159 976 | 103 598   | 47 095 | 28 014         | 227 885           | 61 263          | 1 337 455                   | 654 341 | 422 736   | 189 646 | 117 653        | 1 006 102         | 213 700         |
| 315 039             | 158 955 | 104 608   | 47 605 | 24 668         | 227 174           | 63 197          | 1 336 659                   | 656 621 | 430 308   | 194 500 | 108 555        | 1 010 952         | 217 152         |
| ...                 | ...     | ...       | ...    | ...            | ...               | ...             | 1 343 603                   | 662 549 | 436 216   | 197 689 | 102 789        | 1 021 636         | 219 178         |

Table 41. Education at the special and other levels :

| School Year<br>and<br>type of education | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        |
|---|-----------------------|--------|--------------------------|--------|-----------|--------|
|   | Total                 | Public | Total                    |        | Public    |        |
|   |                       |        | Both sexes               | Female | Sub-total | Female |
| 1981 Total                              | 374                   | 223    | 4 839                    | 2 090  | 1 449     | 590    |
| Special                                 | 9                     | 7      | 492                      | 293    | 471       | 285    |
| Others                                  | 365                   | 216    | 4 347                    | 1 509  | 978       | 305    |
| 1982 Total                              | 382                   | 232    | 4 950                    | 1 835  | 1 543     | 640    |
| Special                                 | 10                    | 8      | 525                      | 314    | 503       | 305    |
| Others                                  | 372                   | 224    | 4 425                    | 1 521  | 1 040     | 335    |
| 1983 Total                              | 403                   | 253    | 5 017                    | 1 932  | 1 572     | 628    |
| Special                                 | 10                    | 8      | 544                      | 339    | 524       | 326    |
| Others                                  | 393                   | 245    | 4 473                    | 1 593  | 1 048     | 302    |
| 1984 Total                              | 424                   | 275    | 4 548                    | 1 822  | 1 565     | 625    |
| Special                                 | 10                    | 8      | 564                      | 359    | 543       | 344    |
| Others                                  | 414                   | 267    | 3 984                    | 1 463  | 1 022     | 281    |
| 1985 Total                              | 432                   | 283    | 4 325                    | 1 758  | 1 796     | 720    |
| Special                                 | 10                    | 8      | 568                      | 371    | 547       | 355    |
| Others                                  | 422                   | 275    | 3 757                    | 1 387  | 1 249     | 365    |
| 1986 Total                              | 449                   | 303    | 4 548                    | 1 814  | 1 651     | 691    |
| Special                                 | 10                    | 8      | 584                      | 389    | 561       | 372    |
| Others                                  | 439                   | 295    | 3 964                    | 1 425  | 1 090     | 319    |
| 1987 Total                              | 472                   | 326    | 4 926                    | 2 023  | 1 711     | 725    |
| Special                                 | 10                    | 8      | 617                      | 404    | 593       | 389    |
| Others                                  | 462                   | 318    | 4 309                    | 1 619  | 1 118     | 336    |
| 1988 Total                              | 500                   | 357    | 4 597                    | 1 942  | 1 859     | 784    |
| Special                                 | 10                    | 8      | 641                      | 419    | 607       | 393    |
| Others                                  | 490                   | 349    | 3 956                    | 1 523  | 1 252     | 391    |
| 1989 Total                              | 511                   | 367    | 5 196                    | 2 198  | 2 047     | 894    |
| Special                                 | 11                    | 9      | 750                      | 501    | 711       | 470    |
| Others                                  | 500                   | 358    | 4 446                    | 1 697  | 1 336     | 424    |
| 1990 Total                              | 544                   | 401    | 3 890                    | 1 758  | 2 140     | 953    |
| Special                                 | 11                    | 9      | 875                      | 602    | 819       | 556    |
| Others                                  | 533                   | 392    | 3 015                    | 1 156  | 1 321     | 397    |

**institutions, teachers, graduates and students**

| Graduates (Persons) |        |           |        | Students enrolled (Persons) |         |           |         |
|---------------------|--------|-----------|--------|-----------------------------|---------|-----------|---------|
| Total               |        | Public    |        | Total                       |         | Public    |         |
| Both sexes          | Female | Sub-total | Female | Both sexes                  | Female  | Sub-total | Female  |
| 64 123              | 39 421 | 31 143    | 21 150 | 251 014                     | 145 796 | 116 351   | 74 791  |
| 501                 | 216    | 491       | 213    | 2 576                       | 1 130   | 2 492     | 1 099   |
| 63 622              | 39 205 | 30 652    | 20 937 | 248 438                     | 144 666 | 113 859   | 73 692  |
| 66 547              | 40 120 | 31 351    | 20 655 | 265 139                     | 153 825 | 123 273   | 78 964  |
| 588                 | 262    | 578       | 261    | 2 760                       | 1 191   | 2 677     | 1 158   |
| 65 959              | 39 858 | 30 773    | 20 394 | 262 379                     | 152 634 | 120 596   | 77 806  |
| 72 937              | 44 225 | 35 357    | 23 850 | 265 599                     | 156 649 | 126 947   | 82 165  |
| 654                 | 289    | 643       | 285    | 2 829                       | 1 213   | 2 744     | 1 182   |
| 72 283              | 43 936 | 34 714    | 23 565 | 262 770                     | 155 436 | 124 203   | 80 983  |
| 71 646              | 43 636 | 35 300    | 23 724 | 272 971                     | 159 648 | 132 282   | 84 503  |
| 665                 | 298    | 657       | 296    | 2 883                       | 1 253   | 2 793     | 1 217   |
| 70 981              | 43 338 | 34 643    | 23 428 | 270 088                     | 158 395 | 129 489   | 83 286  |
| 72 462              | 45 207 | 37 387    | 25 151 | 278 593                     | 161 423 | 137 565   | 86 779  |
| 684                 | 307    | 679       | 306    | 2 954                       | 1 278   | 2 864     | 1 240   |
| 71 778              | 44 900 | 36 708    | 24 845 | 275 639                     | 160 145 | 134 701   | 85 539  |
| 76 270              | 46 111 | 37 589    | 24 483 | 308 738                     | 180 906 | 160 773   | 101 637 |
| 722                 | 325    | 715       | 319    | 3 039                       | 1 293   | 2 950     | 1 253   |
| 75 548              | 45 786 | 36 874    | 24 164 | 305 699                     | 179 613 | 157 823   | 100 384 |
| 74 649              | 42 347 | 38 822    | 24 787 | 301 015                     | 177 326 | 158 135   | 100 558 |
| 666                 | 294    | 658       | 291    | 2 948                       | 1 257   | 2 843     | 1 217   |
| 73 983              | 42 053 | 38 164    | 24 496 | 298 067                     | 176 069 | 155 292   | 99 341  |
| 81 516              | 45 431 | 40 844    | 21 900 | 302 692                     | 177 802 | 162 946   | 102 696 |
| 639                 | 288    | 632       | 285    | 2 998                       | 1 343   | 2 868     | 1 295   |
| 80 877              | 45 143 | 40 212    | 21 615 | 299 694                     | 176 459 | 160 078   | 101 401 |
| 73 046              | 45 348 | 38 152    | 25 675 | 282 036                     | 165 002 | 151 086   | 86 755  |
| 635                 | 282    | 632       | 282    | 3 163                       | 1 350   | 3 030     | 1 300   |
| 72 411              | 45 066 | 37 520    | 25 393 | 278 873                     | 163 652 | 148 056   | 85 455  |
| 71 836              | 43 988 | 37 673    | 24 988 | 293 542                     | 170 334 | 161 432   | 102 865 |
| 731                 | 298    | 722       | 293    | 3 359                       | 1 434   | 3 158     | 1 349   |
| 71 105              | 43 690 | 36 951    | 24 695 | 290 183                     | 168 900 | 158 274   | 101 516 |

Table 41. Education at the special and other levels :

| School Year<br>and<br>type of education | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        |
|---|-----------------------|--------|--------------------------|--------|-----------|--------|
|   | Total                 | Public | Total                    |        | Public    |        |
|   |                       |        | Both sexes               | Female | Sub-total | Female |
| 1991 Total                              | 579                   | 432    | 3 982                    | 1 801  | 2 233     | 1 038  |
| Special                                 | 11                    | 9      | 972                      | 674    | 918       | 625    |
| Others                                  | 568                   | 423    | 3 010                    | 1 127  | 1 315     | 413    |
| 1992 Total                              | 660                   | 519    | 4 138                    | 2 013  | 2 177     | 1 044  |
| Special                                 | 13                    | 11     | 996                      | 693    | 942       | 642    |
| Others                                  | 647                   | 508    | 3 142                    | 1 320  | 1 235     | 402    |
| 1993 Total                              | 737                   | 596    | 4 240                    | 2 027  | 2 341     | 1 122  |
| Special                                 | 13                    | 11     | 1 053                    | 736    | 1 001     | 688    |
| Others                                  | 724                   | 585    | 3 187                    | 1 291  | 1 340     | 434    |
| 1994 Total                              | 818                   | 675    | 4 465                    | 2 191  | 2 581     | 1 271  |
| Special                                 | 16                    | 14     | 1 203                    | 838    | 1 147     | 788    |
| Others                                  | 802                   | 661    | 3 262                    | 1 353  | 1 434     | 483    |
| 1995 Total                              | 863                   | 724    | 4 704                    | 2 341  | 2 717     | 1 368  |
| Special                                 | 17                    | 15     | 1 324                    | 919    | 1 262     | 863    |
| Others                                  | 846                   | 709    | 3 380                    | 1 422  | 1 455     | 505    |
| 1996 Total                              | 903                   | 754    | 4 827                    | 2 407  | 2 784     | 1 431  |
| Special                                 | 17                    | 15     | 1 386                    | 962    | 1 320     | 903    |
| Others                                  | 886                   | 739    | 3 441                    | 1 445  | 1 464     | 528    |
| 1997 Total                              | 955                   | 799    | 4 904                    | 2 473  | 2 901     | 1 515  |
| Special                                 | 17                    | 15     | 1 470                    | 1 019  | 1 414     | 970    |
| Others                                  | 938                   | 784    | 3 434                    | 1 454  | 1 487     | 545    |
| 1998 Total                              | 1 005                 | 845    | 5 086                    | 2 619  | 3 021     | 1 629  |
| Special                                 | 20                    | 18     | 1 532                    | 1 079  | 1 479     | 1 031  |
| Others                                  | 985                   | 827    | 3 554                    | 1 540  | 1 542     | 598    |
| 1999 Total                              | 1 015                 | 839    | 4 970                    | 2 581  | 3 117     | 1 690  |
| Special                                 | 23                    | 21     | 1 629                    | 1 135  | 1 576     | 1 086  |
| Others                                  | 992                   | 818    | 3 341                    | 1 446  | 1 541     | 604    |
| 2000 Total                              | 997                   | 812    | 4 929                    | 2 551  | 3 066     | 1 682  |
| Special                                 | 23                    | 21     | 1 601                    | 1 098  | 1 547     | 1 048  |
| Others                                  | 974                   | 791    | 3 328                    | 1 453  | 1 519     | 634    |

**institutions, teachers, graduates and students (continued)**

| Graduates (Persons) |        |           |        | Students enrolled (Persons) |         |           |         |
|---------------------|--------|-----------|--------|-----------------------------|---------|-----------|---------|
| Total               |        | Public    |        | Total                       |         | Public    |         |
| Both sexes          | Female | Sub-total | Female | Both sexes                  | Female  | Sub-total | Female  |
| 73 579              | 42 539 | 37 528    | 23 834 | 312 481                     | 177 259 | 173 219   | 108 856 |
| 853                 | 371    | 846       | 369    | 3 620                       | 1 546   | 3 345     | 1 437   |
| 72 726              | 42 168 | 36 682    | 23 465 | 308 861                     | 175 713 | 169 874   | 107 419 |
| 81 700              | 47 938 | 44 037    | 28 276 | 331 640                     | 186 999 | 186 631   | 117 338 |
| 1 016               | 435    | 1 000     | 429    | 3 765                       | 1 599   | 3 582     | 1 521   |
| 80 684              | 47 503 | 43 037    | 27 847 | 327 875                     | 185 400 | 183 049   | 115 817 |
| 85 396              | 48 843 | 45 542    | 28 719 | 337 705                     | 189 478 | 193 144   | 121 541 |
| 952                 | 408    | 933       | 397    | 3 980                       | 1 667   | 3 807     | 1 592   |
| 84 444              | 48 435 | 44 609    | 28 322 | 333 725                     | 187 811 | 189 337   | 119 949 |
| 88 377              | 51 220 | 47 561    | 30 772 | 339 637                     | 190 885 | 195 617   | 117 558 |
| 1 064               | 442    | 1 059     | 441    | 4 506                       | 1 916   | 4 327     | 1 841   |
| 87 313              | 50 778 | 46 502    | 30 331 | 335 131                     | 188 969 | 191 290   | 115 717 |
| 84 691              | 48 226 | 45 996    | 29 616 | 327 342                     | 182 038 | 191 570   | 119 322 |
| 1 141               | 509    | 1 123     | 499    | 4 822                       | 1 994   | 4 636     | 1 914   |
| 83 550              | 47 717 | 44 873    | 29 117 | 322 520                     | 180 044 | 186 934   | 117 408 |
| 82 711              | 46 526 | 45 219    | 28 655 | 316 151                     | 175 753 | 184 975   | 114 917 |
| 1 329               | 558    | 1 301     | 545    | 5 203                       | 2 151   | 5 019     | 2 073   |
| 81 382              | 45 968 | 43 918    | 28 110 | 310 948                     | 173 602 | 179 956   | 112 844 |
| 78 251              | 43 295 | 43 227    | 26 847 | 327 837                     | 183 754 | 200 489   | 123 800 |
| 1 559               | 624    | 1 546     | 618    | 5 357                       | 2 176   | 5 191     | 2 111   |
| 76 692              | 42 671 | 41 681    | 26 229 | 322 480                     | 181 578 | 195 298   | 121 689 |
| 79 735              | 44 457 | 44 667    | 26 654 | 336 182                     | 189 770 | 206 027   | 127 912 |
| 1 489               | 617    | 1 474     | 610    | 5 588                       | 2 273   | 5 421     | 2 205   |
| 78 246              | 43 840 | 43 193    | 26 044 | 330 594                     | 187 497 | 200 606   | 125 707 |
| 80 352              | 45 599 | 45 389    | 28 617 | 331 535                     | 185 754 | 197 540   | 121 129 |
| 1 542               | 627    | 1 524     | 623    | 5 697                       | 2 295   | 5 521     | 2 225   |
| 78 810              | 44 972 | 43 865    | 27 994 | 325 838                     | 183 459 | 192 019   | 118 904 |
| 82 722              | 46 479 | 46 105    | 28 702 | 328 339                     | 183 078 | 187 558   | 114 381 |
| 1 798               | 699    | 1 785     | 695    | 5 989                       | 2 422   | 5 817     | 2 350   |
| 80 924              | 45 780 | 44 320    | 28 007 | 322 350                     | 180 656 | 181 741   | 112 031 |

Table 41. Education at the special and other levels :

| School Year<br>and<br>type of education | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        |
|---|-----------------------|--------|--------------------------|--------|-----------|--------|
|   | Total                 | Public | Total                    |        | Public    |        |
|   |                       |        | Both sexes               | Female | Sub-total | Female |
| 2001 Total                              | 978                   | 779    | 4 947                    | 2 570  | 3 012     | 1 692  |
| Special                                 | 24                    | 22     | 1 639                    | 1 143  | 1 586     | 1 094  |
| Others                                  | 954                   | 757    | 3 308                    | 1 427  | 1 426     | 598    |
| 2002 Total                              | 978                   | 782    | 4 882                    | 2 586  | 3 053     | 1 749  |
| Special                                 | 25                    | 23     | 1 647                    | 1 172  | 1 595     | 1 122  |
| Others                                  | 953                   | 759    | 3 235                    | 1 414  | 1 458     | 627    |
| 2003 Total                              | 958                   | 758    | 4 583                    | 2 509  | 2 934     | 1 757  |
| Special                                 | 24                    | 23     | 1 687                    | 1 205  | 1 638     | 1 157  |
| Others                                  | 934                   | 735    | 2 896                    | 1 304  | 1 296     | 600    |
| 2004 Total                              | 931                   | 737    | 4 394                    | 2 415  | 2 858     | 1 729  |
| Special                                 | 24                    | 23     | 1 693                    | 1 199  | 1 643     | 1 151  |
| Others                                  | 907                   | 714    | 2 701                    | 1 216  | 1 215     | 578    |
| 2005 Total                              | 916                   | 715    | 4 148                    | 2 348  | 2 718     | 1 685  |
| Special                                 | 24                    | 23     | 1 709                    | 1 223  | 1 659     | 1 176  |
| Others                                  | 892                   | 692    | 2 439                    | 1 125  | 1 059     | 509    |
| 2006 Total                              | 901                   | 702    | 3 363                    | 1 963  | 2 024     | 1 339  |
| Special                                 | 24                    | 23     | 1 736                    | 1 234  | 1 686     | 1 190  |
| Others                                  | 877                   | 679    | 1 627                    | 729    | 338       | 149    |
| 2007 Total                              | 888                   | 688    | 3 300                    | 1 955  | 2 039     | 1 376  |
| Special                                 | 24                    | 23     | 1 761                    | 1 277  | 1 710     | 1 233  |
| Others                                  | 864                   | 665    | 1 539                    | 678    | 329       | 143    |
| 2008 Total                              | 869                   | 672    | 3 226                    | 1 954  | 2 016     | 1 371  |
| Special                                 | 24                    | 23     | 1 734                    | 1 260  | 1 695     | 1 228  |
| Others                                  | 845                   | 649    | 1 492                    | 694    | 321       | 143    |
| 2009 Total                              | 858                   | 661    | 3 226                    | 1 995  | 2 048     | 1 401  |
| Special                                 | 24                    | 23     | 1 738                    | 1 274  | 1 701     | 1 244  |
| Others                                  | 834                   | 638    | 1 488                    | 721    | 347       | 157    |
| 2010 Total                              | 858                   | 653    | 3 185                    | 1 970  | 2 057     | 1 401  |
| Special                                 | 24                    | 23     | 1 790                    | 1 302  | 1 752     | 1 271  |
| Others                                  | 834                   | 630    | 1 395                    | 668    | 305       | 130    |

**institutions, teachers, graduates and students (continued)**

| Graduates (Persons) |        |           |        | Students enrolled (Persons) |         |           |         |
|---------------------|--------|-----------|--------|-----------------------------|---------|-----------|---------|
| Total               |        | Public    |        | Total                       |         | Public    |         |
| Both sexes          | Female | Sub-total | Female | Both sexes                  | Female  | Sub-total | Female  |
| 81 060              | 45 043 | 41 371    | 25 272 | 310 623                     | 172 354 | 172 167   | 104 825 |
| 1 692               | 693    | 1 679     | 689    | 5 860                       | 2 374   | 5 688     | 2 303   |
| 79 368              | 44 350 | 39 692    | 24 583 | 304 763                     | 169 980 | 166 479   | 102 522 |
| 79 615              | 43 828 | 39 376    | 23 820 | 297 482                     | 164 869 | 165 985   | 102 605 |
| 1 740               | 718    | 1 737     | 717    | 5 800                       | 2 351   | 5 654     | 2 298   |
| 77 875              | 43 110 | 37 639    | 23 103 | 291 682                     | 162 518 | 160 331   | 100 307 |
| 76 181              | 41 274 | 38 038    | 22 691 | 284 045                     | 154 448 | 157 373   | 96 876  |
| 1 728               | 690    | 1 714     | 687    | 5 921                       | 2 404   | 5 774     | 2 347   |
| 74 453              | 40 584 | 36 324    | 22 004 | 278 124                     | 152 044 | 151 599   | 94 529  |
| 79 815              | 42 637 | 37 710    | 21 085 | 273 070                     | 145 456 | 146 470   | 90 486  |
| 1 541               | 641    | 1 523     | 633    | 6 119                       | 2 489   | 5 973     | 2 429   |
| 78 274              | 41 996 | 36 187    | 20 452 | 266 951                     | 142 967 | 140 497   | 88 057  |
| 74 548              | 39 269 | 36 105    | 21 866 | 263 300                     | 137 976 | 138 923   | 85 124  |
| 1 744               | 712    | 1 722     | 701    | 6 361                       | 2 573   | 6 215     | 2 511   |
| 72 804              | 38 557 | 34 383    | 21 165 | 256 939                     | 135 403 | 132 708   | 82 613  |
| 74 278              | 38 396 | 33 973    | 20 707 | 265 646                     | 139 605 | 135 234   | 84 355  |
| 1 853               | 759    | 1 821     | 747    | 6 588                       | 2 664   | 6 440     | 2 603   |
| 72 425              | 37 637 | 32 152    | 19 960 | 259 058                     | 136 941 | 128 794   | 81 752  |
| 76 988              | 39 506 | 33 595    | 20 031 | 263 834                     | 136 479 | 131 309   | 79 645  |
| 1 832               | 752    | 1 798     | 733    | 6 765                       | 2 709   | 6 627     | 2 659   |
| 75 156              | 38 754 | 31 797    | 19 298 | 257 069                     | 133 770 | 124 682   | 76 986  |
| 78 260              | 39 252 | 34 957    | 19 713 | 260 400                     | 132 240 | 130 028   | 76 168  |
| 1 942               | 759    | 1 924     | 753    | 6 875                       | 2 710   | 6 747     | 2 667   |
| 76 318              | 38 493 | 33 033    | 18 960 | 253 525                     | 129 530 | 123 281   | 73 501  |
| 74 826              | 37 028 | 32 975    | 18 547 | 247 531                     | 124 766 | 123 943   | 71 824  |
| 2 016               | 782    | 2 004     | 779    | 7 145                       | 2 806   | 7 027     | 2 766   |
| 72 810              | 36 246 | 30 971    | 17 768 | 240 386                     | 121 960 | 116 916   | 69 058  |
| ...                 | ...    | ...       | ...    | 235 503                     | 117 663 | 116 234   | 66 463  |
| ...                 | ...    | ...       | ...    | 7 006                       | 2 786   | 6 894     | 2 747   |
| ...                 | ...    | ...       | ...    | 228 497                     | 114 877 | 109 340   | 63 716  |

Table 42. Enrollment rates by school-age population group

%

| School Year                   | 6-21 years | 6-14 years | 6-11 years<br>(1st level) | 12-17 years<br>(2nd level) |        |        | 18-21 years <sup>1</sup><br>(3rd level) |       |        |
|-------------------------------|------------|------------|---------------------------|----------------------------|--------|--------|---|-------|--------|
|                               |            |            |                           | Total                      | Male   | Female | Total                                   | Male  | Female |
| <b>Net enrollment rates</b>   |            |            |                           |                            |        |        |   |       |        |
| 1991                          | 78.74      | 97.97      | 98.70                     | 86.17                      | 84.40  | 88.05  | 20.98                                   | 20.22 | 21.78  |
| 1992                          | 79.35      | 97.60      | 98.92                     | 86.46                      | 84.76  | 88.26  | 23.47                                   | 23.04 | 23.92  |
| 1993                          | 79.79      | 98.12      | 99.31                     | 87.43                      | 85.80  | 89.15  | 25.61                                   | 24.99 | 26.26  |
| 1994                          | 79.11      | 97.47      | 98.36                     | 88.59                      | 86.59  | 90.71  | 26.26                                   | 24.99 | 27.60  |
| 1995                          | 79.38      | 98.36      | 99.06                     | 88.84                      | 87.03  | 90.75  | 27.79                                   | 25.88 | 29.78  |
| 1996                          | 78.95      | 98.23      | 99.02                     | 89.57                      | 87.93  | 91.31  | 29.07                                   | 26.88 | 31.37  |
| 1997                          | 79.26      | 98.38      | 98.62                     | 90.79                      | 89.23  | 92.45  | 31.09                                   | 28.35 | 33.97  |
| 1998                          | 80.04      | 98.15      | 97.78                     | 91.68                      | 90.31  | 93.13  | 33.32                                   | 30.19 | 36.61  |
| 1999                          | 80.40      | 98.24      | 97.81                     | 92.56                      | 91.29  | 93.91  | 35.43                                   | 32.14 | 38.90  |
| 2000                          | 81.23      | 98.00      | 98.78                     | 92.19                      | 90.96  | 93.49  | 38.70                                   | 35.47 | 42.11  |
| 2001                          | 82.29      | 97.32      | 98.19                     | 92.92                      | 91.83  | 94.07  | 42.51                                   | 38.98 | 46.23  |
| 2002                          | 83.44      | 97.15      | 98.04                     | 93.74                      | 92.84  | 94.72  | 45.68                                   | 42.14 | 49.41  |
| 2003 r                        | 84.63      | 96.74      | 97.30                     | 93.83                      | 93.03  | 94.69  | 49.05                                   | 45.33 | 52.99  |
| 2004                          | 86.55      | 97.68      | 98.23                     | 93.63                      | 92.94  | 94.39  | 53.20                                   | 49.58 | 57.04  |
| 2005                          | 87.71      | 98.68      | 98.46                     | 93.63                      | 93.05  | 94.26  | 57.42                                   | 54.00 | 61.06  |
| 2006                          | 88.55      | 98.11      | 97.77                     | 94.91                      | 94.42  | 95.43  | 59.83                                   | 56.70 | 63.16  |
| 2007                          | 89.26      | 97.84      | 97.79                     | 94.56                      | 94.23  | 94.92  | 61.41                                   | 58.33 | 64.71  |
| 2008                          | 89.70      | 97.75      | 97.74                     | 95.16                      | 94.85  | 95.51  | 63.76                                   | 60.42 | 67.37  |
| 2009 r                        | 89.93      | 97.95      | 98.01                     | 95.35                      | 94.99  | 95.74  | 64.98                                   | 61.34 | 68.93  |
| 2010                          | 90.45      | 97.87      | 97.95                     | 96.88                      | 96.61  | 97.18  | 67.27                                   | 63.51 | 71.37  |
| <b>Gross enrollment rates</b> |            |            |                           |                            |        |        |   |       |        |
| 1991                          | 82.41      | 100.73     | 100.99                    | 95.40                      | 93.58  | 97.32  | 32.37                                   | 32.96 | 31.75  |
| 1992                          | 83.36      | 100.50     | 101.27                    | 95.60                      | 93.71  | 97.60  | 35.56                                   | 36.25 | 34.83  |
| 1993                          | 83.86      | 100.95     | 101.77                    | 95.32                      | 93.67  | 97.06  | 37.93                                   | 38.63 | 37.19  |
| 1994                          | 83.26      | 100.37     | 100.90                    | 95.93                      | 94.02  | 97.96  | 38.32                                   | 38.43 | 38.21  |
| 1995                          | 83.17      | 100.94     | 101.39                    | 95.66                      | 93.84  | 97.59  | 39.44                                   | 38.54 | 40.39  |
| 1996                          | 83.00      | 101.01     | 101.12                    | 95.79                      | 94.06  | 97.63  | 40.90                                   | 39.24 | 42.64  |
| 1997                          | 83.39      | 101.12     | 100.63                    | 97.21                      | 95.60  | 98.92  | 43.08                                   | 40.71 | 45.58  |
| 1998                          | 84.62      | 100.89     | 99.80                     | 98.55                      | 97.12  | 100.07 | 46.98                                   | 44.30 | 49.79  |
| 1999                          | 85.61      | 100.85     | 99.67                     | 99.61                      | 98.26  | 101.04 | 50.52                                   | 48.00 | 53.17  |
| 2000                          | 87.23      | 100.28     | 100.49                    | 99.23                      | 98.05  | 100.49 | 56.14                                   | 53.87 | 58.54  |
| 2001                          | 89.07      | 99.53      | 99.66                     | 99.44                      | 98.31  | 100.64 | 62.96                                   | 60.44 | 65.62  |
| 2002                          | 90.56      | 99.57      | 99.99                     | 99.33                      | 98.31  | 100.43 | 67.56                                   | 64.52 | 70.78  |
| 2003 r                        | 91.87      | 100.02     | 99.54                     | 99.03                      | 98.16  | 99.96  | 72.37                                   | 68.76 | 76.18  |
| 2004                          | 93.87      | 100.43     | 100.77                    | 98.30                      | 97.58  | 99.09  | 78.11                                   | 74.62 | 81.80  |
| 2005                          | 94.73      | 100.17     | 100.34                    | 97.91                      | 97.30  | 98.58  | 82.02                                   | 79.13 | 85.08  |
| 2006                          | 95.33      | 99.52      | 99.54                     | 99.14                      | 98.63  | 99.68  | 83.58                                   | 81.37 | 85.94  |
| 2007 r                        | 96.05      | 100.21     | 100.82                    | 98.68                      | 98.27  | 99.11  | 85.31                                   | 83.25 | 87.52  |
| 2008 r                        | 95.52      | 100.21     | 100.70                    | 99.24                      | 98.94  | 99.56  | 83.18                                   | 80.75 | 85.81  |
| 2009 r                        | 95.25      | 100.43     | 101.40                    | 98.98                      | 98.77  | 99.20  | 82.17                                   | 79.52 | 85.06  |
| 2010                          | 95.60      | 100.46     | 99.66                     | 100.30                     | 100.05 | 100.57 | 83.77                                   | 80.80 | 87.01  |

Notes : <sup>1</sup> 3rd level gross enrollment rates refers to education at colleges and universities, excluding the first three years of education at 5-year junior colleges, graduate schools and continuing schools.



**Table 43. Net percentage of graduates entering advanced levels**

%

| School Year | Elementary school |       |        | Junior high school |       |        | Senior high school |       |        | Vocational school |       |        |
|-------------|-------------------|-------|--------|--------------------|-------|--------|--------------------|-------|--------|-------------------|-------|--------|
|             | Average           | Male  | Female | Average            | Male  | Female | Average            | Male  | Female | Average           | Male  | Female |
| 1981        | 96.77             | 98.29 | 95.16  | 68.11              | 66.29 | 70.12  | 45.39              | 39.56 | 52.72  | ...               | ...   | ...    |
| 1982        | 97.96             | 98.77 | 97.10  | 71.52              | 70.87 | 72.23  | 46.03              | 40.80 | 52.52  | ...               | ...   | ...    |
| 1983        | 97.95             | 98.77 | 97.09  | 69.55              | 68.47 | 70.72  | 46.40              | 40.01 | 53.79  | ...               | ...   | ...    |
| 1984        | 98.70             | 99.48 | 97.87  | 70.54              | 68.98 | 72.21  | 44.36              | 38.31 | 51.18  | ...               | ...   | ...    |
| 1985        | 98.73             | 99.07 | 98.38  | 71.31              | 70.08 | 72.62  | 40.19              | 35.53 | 45.68  | ...               | ...   | ...    |
| 1986        | 99.04             | 99.47 | 98.59  | 77.13              | 73.96 | 80.50  | 40.98              | 36.31 | 46.45  | ...               | ...   | ...    |
| 1987        | 99.51             | 99.37 | 99.65  | 79.32              | 75.34 | 83.19  | 46.26              | 38.87 | 54.63  | 2.83              | 4.43  | 1.35   |
| 1988        | 99.09             | 99.16 | 99.02  | 79.51              | 75.70 | 83.52  | 45.53              | 37.29 | 54.86  | 4.57              | 7.72  | 2.50   |
| 1989        | 99.62             | 99.79 | 99.44  | 79.60              | 76.80 | 82.47  | 44.40              | 39.86 | 49.29  | 7.00              | 8.84  | 5.41   |
| 1990        | 99.77             | 99.98 | 99.56  | 84.70              | 81.40 | 88.09  | 48.58              | 46.38 | 50.94  | 12.92             | 12.01 | 13.68  |
| 1991        | 99.28             | 99.34 | 99.22  | 86.09              | 83.08 | 89.19  | 51.94              | 55.24 | 48.43  | 13.68             | 14.47 | 13.04  |
| 1992        | 99.54             | 99.37 | 99.71  | 88.32              | 85.17 | 91.58  | 59.15              | 63.61 | 54.29  | 13.71             | 14.87 | 12.78  |
| 1993        | 99.53             | 99.27 | 99.80  | 87.78              | 84.94 | 90.75  | 61.32              | 64.47 | 58.29  | 18.03             | 18.44 | 17.71  |
| 1994        | 99.83             | 99.77 | 99.89  | 88.49              | 85.79 | 91.31  | 57.38              | 55.64 | 59.32  | 16.22             | 16.11 | 16.31  |
| 1995        | 99.75             | 99.77 | 99.72  | 89.17              | 86.73 | 91.71  | 56.58              | 53.01 | 60.51  | 17.84             | 17.13 | 18.43  |
| 1996        | 98.89             | 98.70 | 99.09  | 90.70              | 88.59 | 92.91  | 58.88              | 55.31 | 62.71  | 17.71             | 16.67 | 18.58  |
| 1997        | 99.18             | 99.19 | 99.18  | 92.02              | 90.15 | 93.98  | 61.95              | 60.30 | 63.73  | 23.32             | 22.53 | 23.99  |
| 1998        | 99.60             | 99.46 | 99.75  | 93.94              | 92.64 | 95.30  | 67.43              | 66.43 | 68.46  | 24.74             | 22.85 | 26.37  |
| 1999        | 99.89             | 99.88 | 99.91  | 94.73              | 94.69 | 94.79  | 74.35              | 75.58 | 73.10  | 30.14             | 28.04 | 32.07  |
| 2000        | 99.79             | 99.78 | 99.79  | 95.31              | 94.46 | 96.20  | 74.77              | 75.43 | 74.11  | 36.90             | 33.52 | 40.07  |
| 2001        | 99.15             | 99.34 | 98.98  | 95.97              | 94.91 | 97.10  | 77.13              | 77.41 | 76.86  | 42.72             | 38.48 | 46.78  |
| 2002        | 99.70             | 99.64 | 99.76  | 95.48              | 94.81 | 96.20  | 81.21              | 81.09 | 81.32  | 46.58             | 42.91 | 50.17  |
| 2003        | 99.44             | 99.44 | 99.44  | 95.74              | 94.74 | 96.82  | 82.20              | 80.78 | 83.60  | 56.02             | 50.95 | 61.04  |
| 2004        | 99.42             | 99.45 | 99.39  | 96.03              | 95.26 | 96.86  | 86.01              | 84.98 | 87.00  | 62.72             | 59.39 | 66.32  |
| 2005        | 99.31             | 99.21 | 99.41  | 94.88              | 93.52 | 96.38  | 88.44              | 87.28 | 89.56  | 66.61             | 63.90 | 69.71  |
| 2006        | 99.54             | 99.68 | 99.39  | 96.23              | 95.66 | 96.86  | 91.13              | 90.48 | 91.75  | 69.79             | 67.61 | 72.34  |
| 2007        | 99.66             | 99.63 | 99.69  | 96.26              | 95.46 | 97.12  | 93.61              | 93.07 | 94.12  | 72.96             | 71.50 | 74.64  |
| 2008        | 99.79             | 99.74 | 99.83  | 95.38              | 94.76 | 96.06  | 95.34              | 94.76 | 95.91  | 76.47             | 74.95 | 78.28  |
| 2009 r      | 99.85             | 99.93 | 99.76  | 97.63              | 97.42 | 97.86  | 95.56              | 94.88 | 96.23  | 76.91             | 75.27 | 78.90  |
| 2010        | 99.91             | 99.94 | 99.87  | 98.15              | 97.83 | 98.50  | 95.24              | 94.45 | 96.01  | 79.64             | 78.02 | 81.62  |

**Notes :** Current-year junior high school graduates advancing to schools at next higher level for 1986 and thereafter included those attending the prolonged education classes.

**Table 44. Gross percentage of junior high & senior high school graduates entering advanced levels**

%

| School Year | Graduate in junior high school |        |        | Graduate in senior high school |        |        |
|-------------|--------------------------------|--------|--------|--------------------------------|--------|--------|
|             | Average                        | Male   | Female | Average                        | Male   | Female |
| 1981        | 89.86                          | 89.56  | 90.18  | 82.15                          | 76.78  | 88.90  |
| 1982        | 95.42                          | 96.59  | 94.13  | 81.01                          | 77.32  | 85.59  |
| 1983        | 91.69                          | 91.84  | 91.52  | 82.33                          | 78.81  | 86.40  |
| 1984        | 95.21                          | 95.29  | 95.13  | 82.15                          | 78.05  | 86.76  |
| 1985        | 95.66                          | 96.62  | 94.63  | 80.32                          | 77.74  | 83.37  |
| 1986        | 103.14                         | 101.25 | 105.15 | 82.26                          | 79.03  | 86.06  |
| 1987        | 102.70                         | 101.08 | 104.40 | 85.50                          | 83.49  | 87.77  |
| 1988        | 104.56                         | 103.29 | 105.88 | 90.62                          | 83.90  | 98.24  |
| 1989        | 104.01                         | 104.75 | 103.25 | 88.21                          | 85.61  | 91.00  |
| 1990        | 107.75                         | 108.39 | 107.10 | 93.78                          | 96.21  | 91.17  |
| 1991        | 105.24                         | 106.20 | 104.26 | 96.37                          | 109.79 | 82.06  |
| 1992        | 104.74                         | 105.37 | 104.09 | 106.62                         | 115.69 | 96.71  |
| 1993        | 106.06                         | 107.09 | 104.98 | 100.95                         | 107.27 | 94.33  |
| 1994        | 104.38                         | 104.75 | 104.00 | 94.55                          | 92.65  | 96.67  |
| 1995        | 105.24                         | 106.02 | 104.42 | 95.86                          | 95.05  | 96.76  |
| 1996        | 106.00                         | 107.00 | 104.95 | 103.73                         | 103.14 | 104.36 |
| 1997        | 106.52                         | 107.10 | 105.90 | 106.39                         | 108.13 | 104.51 |
| 1998        | 108.46                         | 109.76 | 107.09 | 103.47                         | 106.30 | 100.52 |
| 1999        | 109.45                         | 110.92 | 107.91 | 108.60                         | 110.79 | 106.40 |
| 2000 r      | 108.17                         | 109.36 | 106.92 | 118.17                         | 118.26 | 118.07 |
| 2001        | 107.51                         | 108.57 | 106.39 | ...                            | ...    | ...    |
| 2002        | 106.95                         | 108.11 | 105.71 | ...                            | ...    | ...    |
| 2003 r      | 104.94                         | 105.51 | 104.32 | ...                            | ...    | ...    |
| 2004 r      | 105.75                         | 106.31 | 105.14 | ...                            | ...    | ...    |
| 2005 r      | 104.70                         | 105.04 | 104.33 | ...                            | ...    | ...    |
| 2006        | 105.51                         | 106.42 | 104.51 | ...                            | ...    | ...    |
| 2007 r      | 105.67                         | 106.89 | 104.33 | ...                            | ...    | ...    |
| 2008        | 105.07                         | 105.95 | 104.13 | ...                            | ...    | ...    |
| 2009        | 104.96                         | 106.11 | 103.71 | ...                            | ...    | ...    |
| 2010        | 105.65                         | 106.69 | 104.53 | ...                            | ...    | ...    |

**Table 45. Number of students per teacher at all levels**

Persons

| School Year | Elementary School | Junior high school | Senior high school | Senior vocational school | Junior college | University & college |
|-------------|-------------------|--------------------|--------------------|--------------------------|----------------|----------------------|
| 1981        | 31.79             | 22.97              | 22.99              | 22.50                    | 20.79          | 13.24                |
| 1982        | 31.79             | 22.82              | 23.12              | 22.15                    | 20.65          | 13.15                |
| 1983        | 31.74             | 22.56              | 22.92              | 21.79                    | 20.43          | 13.18                |
| 1984        | 31.79             | 22.24              | 22.39              | 21.63                    | 20.00          | 13.29                |
| 1985        | 32.12             | 21.89              | 22.63              | 21.40                    | 19.66          | 13.52                |
| 1986        | 31.59             | 21.63              | 22.70              | 21.17                    | 19.38          | 13.47                |
| 1987        | 31.49             | 21.44              | 22.99              | 21.28                    | 20.23          | 13.20                |
| 1988        | 30.90             | 21.64              | 22.91              | 21.15                    | 20.54          | 13.39                |
| 1989        | 29.50             | 21.55              | 22.33              | 20.96                    | 19.91          | 13.52                |
| 1990        | 28.51             | 21.55              | 22.26              | 21.08                    | 19.63          | 13.64                |
| 1991        | 27.20             | 21.23              | 22.29              | 21.28                    | 19.35          | 13.82                |
| 1992        | 26.19             | 20.93              | 22.31              | 22.10                    | 19.16          | 13.90                |
| 1993        | 25.29             | 20.54              | 21.92              | 23.41                    | 19.13          | 14.00                |
| 1994        | 24.15             | 20.13              | 21.35              | 22.12                    | 18.88          | 14.18                |
| 1995        | 22.42             | 19.30              | 21.17              | 21.36                    | 19.13          | 14.07                |
| 1996        | 21.46             | 18.30              | 20.62              | 21.06                    | 19.16          | 14.61                |
| 1997        | 20.69             | 17.56              | 20.29              | 20.51                    | 19.87          | 16.05                |
| 1998        | 20.11             | 16.80              | 19.97              | 20.12                    | 20.09          | 16.79                |
| 1999        | 19.52             | 16.04              | 19.70              | 19.61                    | 19.61          | 17.91                |
| 2000        | 18.96             | 15.60              | 19.69              | 20.51                    | 20.08          | 19.07                |
| 2001        | 18.60             | 15.67              | 19.41              | 19.18                    | 20.56          | 19.83                |
| 2002        | 18.39             | 16.05              | 19.41              | 18.19                    | 20.97          | 20.00                |
| 2003        | 18.43             | 16.14              | 19.17              | 18.15                    | 19.78          | 20.00                |
| 2004        | 18.31             | 16.28              | 19.39              | 18.42                    | 19.57          | 19.88                |
| 2005 r      | 18.02             | 16.02              | 19.46              | 18.81                    | 18.92          | 19.82                |
| 2006        | 17.86             | 15.70              | 19.29              | 18.41                    | 21.01          | 19.64                |
| 2007        | 17.31             | 15.23              | 19.11              | 18.70                    | 22.73          | 19.92                |
| 2008 r      | 16.74             | 15.08              | 18.91              | 19.01                    | 23.65          | 20.18                |
| 2009 r      | 16.07             | 14.90              | 18.73              | 19.08                    | 26.13          | 20.77                |
| 2010        | 15.26             | 14.31              | 18.58              | 18.69                    | 26.74          | 21.07                |

**Notes :** Beginning SY1976, the category of junior high schools excluded the junior high classes attached to senior high schools, and the category of senior vocational schools excluded the senior vocational classes attached to senior high schools, and the category of senior vocational schools excluded the senior vocational classes attached to senior high schools. Meanwhile, the category of senior high schools included the junior high classes and the vocational classes attached to them. The categories of junior colleges, and universities colleges covered the day schools only, the teachers colleges were classified into the category of colleges and universities.

Table 46. Educational attainments

| Year | Average length of education (years) |       |        | Illiterate & self-educated |       |        |
|------|-------------------------------------|-------|--------|----------------------------|-------|--------|
|      | Average                             | Male  | Female | Average                    | Male  | Female |
| 1986 | 7.37                                | 8.36  | 6.30   | 18.23                      | 10.47 | 26.60  |
| 1987 | 7.57                                | 8.53  | 6.54   | 16.96                      | 9.63  | 24.83  |
| 1988 | 7.80                                | 8.74  | 6.78   | 15.61                      | 8.68  | 23.02  |
| 1989 | 7.98                                | 8.89  | 7.01   | 14.61                      | 8.15  | 21.49  |
| 1990 | 8.19                                | 9.07  | 7.24   | 13.60                      | 7.54  | 20.04  |
| 1991 | 8.28                                | 9.14  | 7.38   | 12.79                      | 7.08  | 18.83  |
| 1992 | 8.48                                | 9.31  | 7.59   | 12.07                      | 6.55  | 17.91  |
| 1993 | 8.66                                | 9.48  | 7.79   | 11.49                      | 6.15  | 17.10  |
| 1994 | 8.73                                | 9.53  | 7.89   | 11.31                      | 6.05  | 16.81  |
| 1995 | 8.87                                | 9.65  | 8.07   | 10.86                      | 5.71  | 16.22  |
| 1996 | 9.05                                | 9.81  | 8.27   | 10.31                      | 5.29  | 15.49  |
| 1997 | 9.15                                | 9.89  | 8.39   | 10.21                      | 5.40  | 15.17  |
| 1998 | 9.28                                | 9.98  | 8.57   | 10.08                      | 5.63  | 14.66  |
| 1999 | 9.52                                | 10.16 | 8.85   | 8.79                       | 5.09  | 12.58  |
| 2000 | 9.64                                | 10.27 | 8.99   | 8.31                       | 4.80  | 11.88  |
| 2001 | 9.77                                | 10.39 | 9.15   | 7.94                       | 4.56  | 11.36  |
| 2002 | 9.96                                | 10.56 | 9.35   | 7.47                       | 4.23  | 10.73  |
| 2003 | 10.12                               | 10.69 | 9.56   | 6.93                       | 3.82  | 10.06  |
| 2004 | 10.29                               | 10.83 | 9.75   | 6.43                       | 3.51  | 9.35   |
| 2005 | 10.47                               | 10.99 | 9.95   | 5.92                       | 3.17  | 8.65   |
| 2006 | 10.65                               | 11.15 | 10.16  | 5.35                       | 2.80  | 7.87   |
| 2007 | 10.82                               | 11.29 | 10.36  | 4.92                       | 2.52  | 7.27   |
| 2008 | 10.99                               | 11.44 | 10.55  | 4.54                       | 2.28  | 6.74   |
| 2009 | 11.13                               | 11.55 | 10.72  | 4.19                       | 2.08  | 6.25   |
| 2010 | 11.27                               | 11.66 | 10.90  | 3.85                       | 1.88  | 5.75   |

Notes : The length of education is 6 years for elementary school, 3 years for junior high, 3 years for senior high and senior vocational, 2 years for Junior college, 4 years for bachelor degree, 2 years for M.A. degree, 2 years for P.h.D. degree.

**of population aged 25 and over**

%

| First level |       |        | Second level |       |        | Third level |       |        |
|-------------|-------|--------|--------------|-------|--------|-------------|-------|--------|
| Average     | Male  | Female | Average      | Male  | Female | Average     | Male  | Female |
| 39.61       | 39.30 | 39.95  | 31.03        | 35.67 | 26.03  | 11.13       | 14.57 | 7.42   |
| 38.80       | 38.05 | 39.60  | 32.46        | 37.16 | 27.41  | 11.78       | 15.16 | 8.15   |
| 37.85       | 36.70 | 39.08  | 34.12        | 38.72 | 29.20  | 12.41       | 15.89 | 8.69   |
| 36.72       | 35.32 | 38.21  | 35.84        | 40.17 | 31.21  | 12.84       | 16.35 | 9.08   |
| 35.34       | 33.59 | 37.20  | 37.46        | 41.69 | 32.97  | 13.60       | 17.19 | 9.79   |
| 35.02       | 32.89 | 37.27  | 38.56        | 42.89 | 33.98  | 13.63       | 17.14 | 9.92   |
| 33.41       | 31.39 | 35.54  | 40.08        | 44.02 | 35.92  | 14.44       | 18.04 | 10.63  |
| 31.93       | 29.86 | 34.11  | 41.27        | 44.98 | 37.36  | 15.31       | 19.01 | 11.42  |
| 31.07       | 29.15 | 33.09  | 42.06        | 45.61 | 38.33  | 15.56       | 19.19 | 11.77  |
| 30.03       | 28.29 | 31.84  | 42.77        | 46.20 | 39.20  | 16.34       | 19.80 | 12.74  |
| 28.66       | 27.00 | 30.38  | 43.72        | 46.95 | 40.38  | 17.31       | 20.76 | 13.75  |
| 27.53       | 26.03 | 29.08  | 44.06        | 46.81 | 41.21  | 18.20       | 21.76 | 14.54  |
| 26.18       | 24.57 | 27.84  | 44.63        | 47.34 | 41.84  | 19.11       | 22.46 | 15.66  |
| 25.28       | 23.05 | 27.57  | 45.77        | 48.24 | 43.25  | 20.15       | 23.62 | 16.60  |
| 24.62       | 22.30 | 27.00  | 46.14        | 48.43 | 43.81  | 20.92       | 24.47 | 17.31  |
| 23.96       | 21.64 | 26.30  | 46.22        | 48.45 | 43.95  | 21.89       | 25.34 | 18.38  |
| 23.19       | 20.72 | 25.69  | 45.95        | 48.26 | 43.63  | 23.38       | 26.80 | 19.94  |
| 22.46       | 20.20 | 24.72  | 46.08        | 48.30 | 43.85  | 24.54       | 27.69 | 21.38  |
| 21.75       | 19.62 | 23.88  | 45.96        | 47.92 | 44.01  | 25.86       | 28.96 | 22.77  |
| 21.07       | 18.92 | 23.21  | 45.55        | 47.54 | 43.59  | 27.46       | 30.37 | 24.56  |
| 20.41       | 18.35 | 22.44  | 45.36        | 47.19 | 43.55  | 28.88       | 31.65 | 26.14  |
| 19.71       | 17.71 | 21.67  | 45.13        | 46.95 | 43.35  | 30.24       | 32.82 | 27.72  |
| 19.08       | 17.11 | 21.00  | 44.58        | 46.47 | 42.74  | 31.80       | 34.15 | 29.52  |
| 18.55       | 16.62 | 20.42  | 44.18        | 46.17 | 42.25  | 33.08       | 35.13 | 31.08  |
| 17.99       | 16.13 | 19.79  | 43.75        | 45.81 | 41.77  | 34.40       | 36.18 | 32.68  |

Table 47. Total educational expenditures

Thousand NT\$

| Fiscal Year | Total       | Public sector | Government's educational expenditure |                        |                                  | Private sector |
|-------------|-------------|---------------|--------------------------------------|------------------------|----------------------------------|----------------|
|             |             |               | Amount                               | Per capita expenditure | as % of total public expenditure |                |
|             |             |               |                                      |                        |                                  |                |
| 1981 r      | 74 112 578  | 60 262 157    | 60 262 157                           | 3.312                  | 14.71                            | 13 850 421     |
| 1982 r      | 94 673 666  | 77 809 670    | 77 809 670                           | 4.202                  | 15.14                            | 16 863 996     |
| 1983 r      | 110 942 492 | 91 864 372    | 91 864 372                           | 4.889                  | 16.51                            | 19 078 120     |
| 1984 r      | 111 121 047 | 89 206 666    | 89 206 666                           | 4.678                  | 16.28                            | 21 914 381     |
| 1985 r      | 123 915 028 | 100 352 921   | 100 352 921                          | 5.196                  | 16.57                            | 23 562 107     |
| 1986 r      | 137 899 432 | 112 949 397   | 112 949 397                          | 5.790                  | 16.45                            | 24 950 035     |
| 1987 r      | 148 047 536 | 119 030 192   | 119 030 192                          | 6.034                  | 16.54                            | 29 017 344     |
| 1988 r      | 168 382 593 | 135 970 263   | 135 970 263                          | 6.814                  | 17.27                            | 32 412 330     |
| 1989 r      | 200 549 624 | 163 094 485   | 163 094 485                          | 8.091                  | 17.39                            | 37 455 139     |
| 1990 r      | 245 279 765 | 202 364 354   | 202 364 354                          | 9.919                  | 17.47                            | 42 915 411     |
| 1991 r      | 300 965 051 | 247 488 080   | 247 488 080                          | 12.011                 | 17.77                            | 53 476 971     |
| 1992 r      | 351 140 259 | 290 019 588   | 290 019 588                          | 13.941                 | 17.86                            | 61 120 671     |
| 1993 r      | 401 130 100 | 332 463 417   | 332 463 417                          | 15.835                 | 18.43                            | 68 666 683     |
| 1994 r      | 428 109 963 | 350 053 223   | 350 053 223                          | 16.529                 | 18.58                            | 78 056 740     |
| 1995 r      | 449 691 445 | 366 902 255   | 366 902 255                          | 17.179                 | 19.36                            | 82 789 190     |
| 1996 r      | 505 683 604 | 412 416 379   | 407 595 911                          | 18.936                 | 22.11                            | 93 267 225     |
| 1997 r      | 547 227 576 | 434 460 507   | 420 905 497                          | 19.358                 | 22.40                            | 112 767 069    |
| 1998 r      | 567 147 236 | 447 513 166   | 430 675 819                          | 19.640                 | 21.61                            | 119 634 070    |
| 1999 r      | 600 599 956 | 472 153 552   | 453 089 741                          | 20.509                 | 22.10                            | 128 446 404    |
| 2000 r      | 548 764 226 | 408 558 409   | 381 937 815                          | 17.145                 | 17.75                            | 140 205 817    |
| 2001 r      | 590 444 164 | 439 413 274   | 406 886 944                          | 18.160                 | 17.91                            | 151 030 890    |
| 2002 r      | 614 797 386 | 456 253 677   | 423 036 518                          | 18.784                 | 19.72                            | 158 543 709    |
| 2003 r      | 632 686 033 | 463 222 513   | 424 811 457                          | 18.793                 | 19.17                            | 169 463 520    |
| 2004 r      | 658 024 639 | 482 801 188   | 441 251 948                          | 19.448                 | 19.65                            | 175 223 451    |
| 2005 r      | 683 855 359 | 503 380 937   | 457 296 815                          | 20.083                 | 19.95                            | 180 474 422    |
| 2006 r      | 702 184 753 | 516 808 564   | 469 392 790                          | 20.519                 | 21.20                            | 185 376 189    |
| 2007 r      | 710 784 665 | 527 144 892   | 476 822 193                          | 20.769                 | 20.82                            | 183 639 773    |
| 2008 r      | 730 761 905 | 534 324 294   | 481 068 268                          | 20.882                 | 20.53                            | 196 437 611    |
| 2009 r      | 790 817 773 | 594 626 440   | 532 325 154                          | 23.025                 | 19.93                            | 196 191 333    |
| 2010        | 772 575 068 | 578 459 761   | 510 995 530                          | 22.062                 | 19.91                            | 194 115 307    |

Notes : Public sector included government's educational expenditure and self-funded by national universities and colleges.

**Table 48. Total educational expenditures at all level of schools**

Thousand NT\$

| Fiscal Year | Total       | Pre-school education | 1st level education | 2nd level education | 3rd level education | Special and others education |
|-------------|-------------|----------------------|---------------------|---------------------|---------------------|------------------------------|
| 1980        | 62 043 257  | 1 215 592            | 18 999 168          | 25 927 527          | 15 900 970          | -                            |
| 1981        | 77 364 225  | 1 638 797            | 22 298 611          | 32 281 263          | 21 145 554          | -                            |
| 1982        | 90 188 736  | 1 823 534            | 27 193 942          | 34 898 837          | 26 272 423          | -                            |
| 1983        | 91 096 725  | 2 581 264            | 27 010 831          | 36 927 627          | 24 577 003          | -                            |
| 1984        | 99 483 485  | 4 002 565            | 28 387 324          | 40 089 633          | 27 003 963          | -                            |
| 1985        | 108 899 112 | 4 430 196            | 31 004 799          | 43 237 614          | 29 659 806          | 566 697                      |
| 1986        | 121 041 623 | 4 587 548            | 32 547 269          | 46 835 187          | 36 556 579          | 515 040                      |
| 1987        | 139 389 903 | 5 259 330            | 39 428 781          | 51 047 369          | 43 174 190          | 480 233                      |
| 1988        | 164 887 606 | 6 669 603            | 49 320 053          | 60 467 688          | 47 486 808          | 943 454                      |
| 1989        | 202 379 336 | 7 840 899            | 58 227 576          | 76 913 742          | 58 498 170          | 898 949                      |
| 1990        | 242 768 493 | 8 254 640            | 70 574 725          | 91 099 349          | 71 226 033          | 1 613 746                    |
| 1991        | 281 388 128 | 8 938 441            | 79 685 381          | 107 354 491         | 84 067 443          | 1 342 372                    |
| 1992        | 324 215 343 | 9 087 856            | 98 283 490          | 122 997 654         | 92 069 303          | 1 777 040                    |
| 1993        | 345 162 040 | 9 223 172            | 102 843 837         | 133 057 821         | 98 019 968          | 2 017 242                    |
| 1994        | 366 579 784 | 10 676 880           | 110 542 628         | 142 728 955         | 100 444 293         | 2 187 028                    |
| 1995        | 403 855 687 | 11 442 841           | 123 607 646         | 159 574 464         | 106 055 791         | 3 174 945                    |
| 1996        | 439 067 140 | 12 739 238           | 124 646 667         | 171 530 319         | 126 566 203         | 3 584 713                    |
| 1997        | 443 779 754 | 12 698 951           | 129 069 012         | 171 774 080         | 125 030 186         | 5 207 525                    |
| 1998        | 483 044 044 | 13 289 072           | 144 476 016         | 186 754 964         | 134 098 301         | 4 425 691                    |
| 1999        | 534 580 633 | 14 403 952           | 145 224 353         | 195 492 816         | 176 564 321         | 2 895 191                    |
| 2000        | 529 491 877 | 15 069 700           | 145 910 174         | 187 835 510         | 177 668 224         | 3 008 269                    |
| 2001        | 519 806 126 | 16 392 865           | 146 038 440         | 175 757 740         | 178 411 266         | 3 205 815                    |
| 2002        | 536 860 387 | 16 868 919           | 146 246 868         | 175 674 218         | 194 645 435         | 3 424 947                    |
| 2003        | 555 898 916 | 17 794 264           | 149 113 799         | 181 398 521         | 203 849 293         | 3 743 039                    |
| 2004        | 575 367 013 | 18 122 130           | 155 676 625         | 187 054 641         | 210 569 732         | 3 943 885                    |
| 2005        | 593 858 141 | 16 888 946           | 160 682 822         | 190 863 306         | 221 580 704         | 3 842 363                    |
| 2006        | 606 562 897 | 16 840 356           | 164 377 547         | 193 357 096         | 228 263 975         | 3 723 923                    |
| 2007        | 627 849 753 | 18 170 356           | 164 539 304         | 200 206 186         | 240 937 606         | 3 996 301                    |
| 2008        | 634 406 381 | 18 798 549           | 165 172 549         | 202 446 736         | 243 827 954         | 4 160 595                    |
| 2009        | 643 019 473 | 20 309 293           | 170 659 113         | 199 041 523         | 248 874 421         | 4 135 122                    |

Notes : Excluding social education and international cultural expenditures.

Table 49. Number of foreign

| School Year | Total  | Education | Fine arts | Humanities | Social & behavior science | Business & administration | Law & jurisprudence | Natural science | Mathematics & computer science |
|-------------|--------|-----------|-----------|------------|---------------------------|---------------------------|---------------------|-----------------|--------------------------------|
| 1979        | 3 170  | 15        | 26        | 2 949      | 90                        | -                         | 5                   | 5               | -                              |
| 1980        | 3 720  | 34        | 22        | 3 442      | 125                       | -                         | 2                   | 5               | -                              |
| 1981        | 2 982  | 31        | 24        | 2 704      | 97                        | 40                        | 4                   | 4               | 3                              |
| 1982        | 3 304  | 17        | 26        | 2 864      | 139                       | 62                        | 8                   | 2               | 1                              |
| 1983        | 4 087  | 20        | 30        | 3 724      | 134                       | 69                        | 6                   | 2               | 2                              |
| 1984        | 3 471  | 23        | 32        | 3 043      | 120                       | 69                        | 5                   | 1               | 4                              |
| 1985        | 3 769  | 17        | 31        | 3 390      | 145                       | 84                        | 2                   | 1               | 4                              |
| 1986        | 3 660  | 21        | 33        | 3 284      | 141                       | 86                        | 5                   | 2               | 5                              |
| 1987        | 4 585  | 20        | 33        | 365        | 147                       | 87                        | 9                   | 7               | 8                              |
| 1988        | 5 569  | 15        | 31        | 383        | 156                       | 85                        | 9                   | 7               | 6                              |
| 1989        | 6 260  | 13        | 33        | 348        | 173                       | 102                       | 9                   | 9               | 7                              |
| 1990        | 5 900  | 18        | 41        | 467        | 200                       | 121                       | 14                  | 13              | 9                              |
| 1991        | 5 959  | 17        | 36        | 410        | 202                       | 138                       | 13                  | 13              | 8                              |
| 1992        | 5 441  | 17        | 36        | 401        | 170                       | 132                       | 14                  | 17              | 5                              |
| 1993        | 5 154  | 14        | 41        | 394        | 158                       | 100                       | 9                   | 14              | 2                              |
| 1994        | 5 596  | 10        | 41        | 298        | 108                       | 75                        | 11                  | 13              | 8                              |
| 1995        | 5 197  | 19        | 26        | 365        | 147                       | 85                        | 12                  | 12              | 7                              |
| 1996        | 5 431  | 26        | 20        | 346        | 134                       | 73                        | 16                  | 9               | 8                              |
| 1997        | 5 210  | 30        | 27        | 321        | 135                       | 77                        | 13                  | 9               | 9                              |
| 1998        | 5 109  | 32        | 23        | 349        | 135                       | 96                        | 14                  | 17              | 11                             |
| 1999        | 6 616  | 37        | 35        | 355        | 150                       | 124                       | 16                  | 19              | 20                             |
| 2000        | 7 524  | 42        | 41        | 355        | 154                       | 138                       | 13                  | 20              | 28                             |
| 2001        | 6 380  | 49        | 37        | 370        | 198                       | 166                       | 22                  | 31              | 45                             |
| 2002        | 7 331  | 55        | 31        | 359        | 200                       | 225                       | 18                  | 44              | 66                             |
| 2003        | 7 844  | 63        | 34        | 374        | 241                       | 300                       | 23                  | 56              | 92                             |
| 2004        | 9 616  | 72        | 46        | 354        | 259                       | 387                       | 27                  | 108             | 143                            |
| 2005        | 11 035 | 99        | 72        | 465        | 311                       | 644                       | 27                  | 118             | 180                            |
| 2006        | 13 070 | 133       | 123       | 564        | 384                       | 1 021                     | 31                  | 163             | 237                            |

Notes : 1.Number of students in subject of Humanities excluded those in language centers subordinating to colleges and universities from 1987.

2.Number of students in language center was calculated from Jan-Dec. of a year while No. of formal students in colleges and universities was calculated based on the school year, from Oct. 20 of a year on.



**students in Taiwan by field of study**

Persons

| Medical science | Craft & industry | Engineering | Architecture & town-planning | Agriculture, forestry & fishery | Home economics | Transportation & communication | Tourism Service | Mass communication & document | Language center | Others |
|-----------------|------------------|-------------|------------------------------|---------------------------------|----------------|--------------------------------|-----------------|-------------------------------|-----------------|--------|
| 38              | -                | 21          | -                            | 21                              | -              | -                              | -               | -                             | ...             | -      |
| 41              | -                | 27          | -                            | 22                              | -              | -                              | -               | -                             | ...             | -      |
| 27              | -                | 19          | 2                            | 15                              | 2              | -                              | 3               | 4                             | ...             | 3      |
| 21              | -                | 93          | 4                            | 26                              | 3              | -                              | 4               | 8                             | ...             | 26     |
| 10              | -                | 20          | 5                            | 23                              | 2              | 1                              | 3               | 11                            | ...             | 25     |
| 71              | -                | 25          | 7                            | 20                              | 3              | 1                              | 10              | 12                            | ...             | 25     |
| 5               | -                | 21          | 4                            | 23                              | 3              | 1                              | 8               | 19                            | ...             | 11     |
| 4               | -                | 24          | 4                            | 24                              | 2              | -                              | 1               | 19                            | ...             | 5      |
| 5               | -                | 24          | 4                            | 28                              | 4              | 1                              | 3               | 27                            | 3 810           | 3      |
| 1               | -                | 22          | 3                            | 17                              | 4              | -                              | 3               | 21                            | 4 801           | 5      |
| -               | -                | 17          | 8                            | 23                              | 7              | -                              | 5               | 23                            | 5 478           | 5      |
| 3               | -                | 16          | 7                            | 30                              | 9              | -                              | 6               | 23                            | 4 913           | 10     |
| 3               | -                | 23          | 9                            | 28                              | 11             | -                              | 7               | 28                            | 5 008           | 5      |
| 2               | 1                | 28          | 11                           | 22                              | 10             | 1                              | 10              | 24                            | 4 534           | 6      |
| 4               | 3                | 20          | 7                            | 19                              | 12             | 5                              | 8               | 25                            | 4 313           | 6      |
| 11              | 3                | 23          | 8                            | 18                              | 6              | 6                              | 11              | 18                            | 4 923           | 5      |
| 5               | 1                | 21          | 8                            | 14                              | 6              | 1                              | 11              | 22                            | 4 430           | 5      |
| 2               | 1                | 13          | 8                            | 15                              | 7              | 2                              | 7               | 24                            | 4 713           | 7      |
| 1               | 1                | 18          | 5                            | 9                               | 3              | 1                              | 11              | 24                            | 4 511           | 5      |
| 3               | 1                | 18          | 5                            | 18                              | 6              | 1                              | 14              | 25                            | 4 337           | 4      |
| 12              | 1                | 25          | 6                            | 26                              | 6              | 1                              | 13              | 40                            | 5 724           | 6      |
| 19              | -                | 38          | 5                            | 26                              | 7              | 1                              | 11              | 37                            | 6 579           | 10     |
| 26              | -                | 32          | 11                           | 41                              | 7              | 1                              | 18              | 50                            | 5 262           | 14     |
| 41              | 1                | 42          | 10                           | 50                              | 11             | -                              | 27              | 85                            | 6 048           | 18     |
| 55              | -                | 87          | 11                           | 50                              | 17             | -                              | 45              | 104                           | 6 276           | 16     |
| 84              | -                | 181         | 12                           | 74                              | 19             | 1                              | 53              | 138                           | 7 647           | 11     |
| 114             | 1                | 348         | 33                           | 135                             | 24             | 2                              | 75              | 190                           | 8 182           | 15     |
| 121             | -                | 525         | 51                           | 171                             | 23             | 11                             | 95              | 265                           | 9 135           | 17     |

Table 49. Number of foreign

| School Year    | Total  | Education | Arts | Humanities | Design | Social & behavior science | Journalism & information | Business & administration | General law | Life science | Natural science |
|----------------|--------|-----------|------|------------|--------|---------------------------|--------------------------|---------------------------|-------------|--------------|-----------------|
| 2007           | 15 436 | 185       | 79   | 718        | 75     | 407                       | 280                      | 1 431                     | 37          | 117          | 137             |
| 2008           | 16 909 | 202       | 106  | 889        | 91     | 477                       | 310                      | 1 574                     | 39          | 142          | 178             |
| 2009           | 19 376 | 229       | 128  | 1 040      | 175    | 557                       | 359                      | 2 132                     | 39          | 168          | 200             |
| 2010           | 21 356 | 251       | 137  | 1 148      | 240    | 560                       | 393                      | 2 619                     | 37          | 186          | 233             |
| Asia           | 13 332 | 206       | 109  | 895        | 209    | 321                       | 335                      | 1 964                     | 31          | 143          | 200             |
| Indonesia      | 1 524  | 12        | 5    | 81         | 14     | 23                        | 10                       | 198                       | -           | 17           | 17              |
| Japan          | 2 302  | 33        | 14   | 169        | 2      | 56                        | 10                       | 50                        | 14          | 3            | 1               |
| Korea          | 1 577  | 35        | 11   | 141        | 2      | 48                        | 21                       | 95                        | 3           | 3            | 4               |
| America        | 4 524  | 22        | 17   | 147        | 23     | 129                       | 31                       | 429                       | 4           | 27           | 9               |
| Canada         | 427    | 8         | 1    | 28         | 1      | 15                        | 3                        | 34                        | 2           | 4            | 1               |
| U. S. A.       | 2 471  | 13        | 11   | 97         | 9      | 48                        | 11                       | 107                       | 2           | 5            | 4               |
| Europe         | 2 509  | 19        | 11   | 85         | 7      | 83                        | 16                       | 119                       | -           | 11           | 19              |
| France         | 616    | 5         | 1    | 8          | 2      | 10                        | 6                        | 33                        | -           | 4            | 5               |
| Germany        | 385    | 1         | 3    | 10         | -      | 13                        | 4                        | 17                        | -           | 1            | 1               |
| United Kingdom | 268    | 1         | 2    | 21         | 1      | 9                         | -                        | 8                         | -           | 1            | 2               |
| Africa         | 542    | 3         | -    | 17         | 1      | 13                        | 6                        | 71                        | 1           | 3            | 5               |
| South Africa   | 122    | 3         | -    | 11         | 1      | 4                         | 1                        | 6                         | -           | -            | -               |
| Oceania        | 449    | 1         | -    | 4          | -      | 14                        | 5                        | 36                        | 1           | 2            | -               |
| Australia      | 218    | -         | -    | 3          | -      | 4                         | 1                        | 7                         | -           | -            | -               |
| New Zealand    | 64     | -         | -    | -          | -      | 1                         | -                        | 2                         | -           | -            | -               |

Notes : The courses of study are classified by the Standard Education Attainment and Course of Study Classification (Rev. 4, on July 2007).

students in Taiwan by field of study (continued)

Persons

| Mathematics & statistics | Computing | Engineering | Architecture & building | Agriculture, forestry & fishery | Veterinary | Health | Social services | Personal services | Transportation services | Environmental protection | Language center | Others |
|--------------------------|-----------|-------------|-------------------------|---------------------------------|------------|--------|-----------------|-------------------|-------------------------|--------------------------|-----------------|--------|
| 9                        | 163       | 971         | 43                      | 213                             | 14         | 145    | 13              | 183               | 28                      | 10                       | 10 177          | 1      |
| 14                       | 184       | 1 246       | 50                      | 243                             | 16         | 152    | 17              | 188               | 14                      | 12                       | 10 651          | 114    |
| 19                       | 152       | 1 583       | 60                      | 277                             | 15         | 191    | 27              | 278               | 18                      | 2                        | 11 612          | 115    |
| 15                       | 146       | 1 813       | 73                      | 322                             | 19         | 241    | 33              | 311               | 19                      | 3                        | 12 555          | 2      |
| 5                        | 93        | 1 334       | 54                      | 200                             | 11         | 138    | 32              | 276               | 8                       | 1                        | 6 766           | 1      |
| -                        | 15        | 291         | 8                       | 21                              | 1          | 5      | -               | 20                | 2                       | -                        | 784             | -      |
| -                        | 2         | 13          | 4                       | 6                               | 2          | 22     | 1               | 14                | -                       | -                        | 1 886           | -      |
| -                        | 8         | 12          | 1                       | 1                               | 1          | 7      | 5               | 42                | 1                       | -                        | 1 136           | -      |
| 4                        | 29        | 313         | 14                      | 59                              | 6          | 46     | 1               | 23                | 11                      | 2                        | 3 177           | 1      |
| 1                        | -         | 4           | -                       | -                               | 2          | 5      | -               | -                 | -                       | 1                        | 317             | -      |
| 2                        | 7         | 19          | 3                       | 3                               | 2          | 21     | 1               | 6                 | -                       | 1                        | 2 098           | 1      |
| 4                        | 3         | 50          | 4                       | 3                               | -          | 9      | -               | 6                 | -                       | -                        | 2 060           | -      |
| 1                        | 1         | 5           | -                       | 1                               | -          | 1      | -               | 2                 | -                       | -                        | 531             | -      |
| -                        | -         | 3           | -                       | -                               | -          | -      | -               | 1                 | -                       | -                        | 331             | -      |
| -                        | -         | 1           | -                       | 1                               | -          | -      | -               | -                 | -                       | -                        | 221             | -      |
| 2                        | 13        | 95          | 1                       | 47                              | 2          | 40     | -               | -                 | -                       | -                        | 222             | -      |
| -                        | 1         | 2           | -                       | 1                               | 1          | 1      | -               | -                 | -                       | -                        | 90              | -      |
| -                        | 8         | 21          | -                       | 13                              | -          | 8      | -               | 6                 | -                       | -                        | 330             | -      |
| -                        | -         | 4           | -                       | -                               | -          | -      | -               | 1                 | -                       | -                        | 198             | -      |
| -                        | -         | 2           | -                       | -                               | -          | 1      | -               | -                 | -                       | -                        | 58              | -      |

**Table 50. Research and development (R & D) personnel by occupation, expenditures for R & D**

| Year   | Research and development personnel (FTE) |             |             | Expenditures for research and development |                      |                                |   |   |
|--------|--|-------------|-------------|---|----------------------|--------------------------------|---|---|
|        | Total                                    | Researchers | Technicians | Total expenditure (Million NT\$)          | Government funds (%) | R & D expenditures as % of GDP | Manufacturing industry R&D expenditures as a percentage of sales(%) | Annual R & D expenditures per researcher (Million NT\$) |
| 1997   | ...                                      | 47 573      | ...         | 156 321                                   | ...                  | 1.82                           | ...   | 3.29  |
| 1998   | ...                                      | 53 492      | ...         | 176 455                                   | ...                  | 1.91                           | ...   | 3.30  |
| 1999   | 104 535                                  | 54 844      | 40 857      | 190 520                                   | 32.5                 | 1.97                           | 1.26  | 3.47  |
| 2000   | 104 568                                  | 55 460      | 39 966      | 197 631                                   | 33.4                 | 1.94                           | 1.14  | 3.56  |
| 2001   | 107 757                                  | 59 656      | 39 296      | 204 974                                   | 33.3                 | 2.06                           | 1.26  | 3.44  |
| 2002   | 120 013                                  | 69 887      | 40 972      | 224 428                                   | 35.2                 | 2.16                           | 1.30  | 3.21  |
| 2003   | 127 628                                  | 75 111      | 43 077      | 242 942                                   | 35.2                 | 2.27                           | 1.28  | 3.23  |
| 2004   | 138 604                                  | 81 209      | 47 568      | 263 271                                   | 33.6                 | 2.32                           | 1.24  | 3.24  |
| 2005   | 149 154                                  | 88 859      | 49 471      | 280 980                                   | 31.5                 | 2.39                           | 1.36  | 3.16  |
| 2006   | 161 314                                  | 95 176      | 54 519      | 307 037                                   | 31.4                 | 2.51                           | 1.34  | 3.23  |
| 2007   | 175 741                                  | 103 455     | 59 868      | 331 386                                   | 29.9                 | 2.57                           | 1.36  | 3.20  |
| 2008 r | 184 633                                  | 110 089     | 62 936      | 351 405                                   | 28.2                 | 2.78                           | 1.44  | 3.19  |
| 2009   | 196 893                                  | 119 185     | 65 444      | 367 174                                   | 28.9                 | 2.94                           | 1.53  | 3.08  |

Notes : R & D data included defence and doctoral student workforce since 2002, and included newly-added industries since 2003.

**Table 51. National research and development (R & D) expenditures by type of work and type of cost**

Million NT\$

| Year | Total   | Type of work   |                  |                           | Type of cost        |                     |         |         |
|------|---------|----------------|------------------|---------------------------|---------------------|---------------------|---------|---------|
|      |         | Basic research | Applied research | Technological development | Capital expenditure | Current expenditure | Labor   | others  |
| 1997 | 156 321 | 15 715         | 47 444           | 93 162                    | 24 200              | 132 122             | 69 786  | 62 336  |
| 1998 | 176 455 | 17 886         | 55 001           | 103 569                   | 26 543              | 149 914             | 74 655  | 75 259  |
| 1999 | 190 520 | 20 115         | 60 253           | 110 153                   | 25 823              | 164 698             | 83 309  | 81 388  |
| 2000 | 197 631 | 20 462         | 59 288           | 117 880                   | 27 097              | 170 534             | 87 658  | 82 875  |
| 2001 | 204 974 | 22 143         | 59 914           | 122 917                   | 29 244              | 175 730             | 89 634  | 86 096  |
| 2002 | 224 428 | 24 725         | 60 399           | 139 305                   | 32 766              | 191 663             | 99 613  | 92 049  |
| 2003 | 242 942 | 28 505         | 64 062           | 150 375                   | 33 933              | 209 009             | 108 329 | 100 680 |
| 2004 | 263 271 | 29 631         | 66 694           | 166 947                   | 31 674              | 231 597             | 121 368 | 110 229 |
| 2005 | 280 980 | 28 961         | 74 219           | 177 801                   | 34 666              | 246 314             | 131 136 | 115 179 |
| 2006 | 307 037 | 31 229         | 81 270           | 194 539                   | 37 177              | 269 860             | 143 957 | 125 903 |
| 2007 | 331 386 | 33 189         | 85 123           | 213 074                   | 39 740              | 291 646             | 156 729 | 134 917 |
| 2008 | 351 405 | 35 779         | 89 636           | 225 990                   | 33 551              | 317 854             | 175 150 | 142 705 |
| 2009 | 367 174 | 38 097         | 94 042           | 235 035                   | 32 990              | 334 184             | 188 465 | 145 719 |

**Table 52. National research and development (R & D) expenditures by sector of performance**

Million NT\$

| Year | Total   | Business enterprise | Government | Higher education | Private non-profit |
|------|---------|---------------------|------------|------------------|--------------------|
| 1997 | 156 321 | ...                 | ...        | ...              | ...                |
| 1998 | 176 455 | ...                 | ...        | ...              | ...                |
| 1999 | 190 520 | 122 158             | 44 636     | 22 334           | 1 392              |
| 2000 | 197 631 | 125 698             | 46 494     | 24 047           | 1 392              |
| 2001 | 204 974 | 130 296             | 47 732     | 25 521           | 1 425              |
| 2002 | 224 428 | 139 569             | 55 693     | 27 637           | 1 530              |
| 2003 | 242 942 | 152 614             | 59 928     | 28 890           | 1 510              |
| 2004 | 263 271 | 170 293             | 61 144     | 30 350           | 1 484              |
| 2005 | 280 980 | 188 390             | 59 143     | 32 092           | 1 355              |
| 2006 | 307 037 | 207 238             | 60 965     | 37 565           | 1 270              |
| 2007 | 331 386 | 229 126             | 60 643     | 40 400           | 1 218              |
| 2008 | 351 405 | 248 363             | 58 928     | 42 905           | 1 209              |
| 2009 | 367 174 | 257 405             | 61 587     | 46 823           | 1 359              |

**Table 53. National research and development (R & D) expenditures by source of funds**

Million NT\$

| Year | Total   | Business enterprise | Government | Higher education | Private non-profit | Abroad |
|------|---------|---------------------|------------|------------------|--------------------|--------|
| 1997 | 156 321 | ...                 | ...        | ...              | ...                | ...    |
| 1998 | 176 455 | ...                 | ...        | ...              | ...                | ...    |
| 1999 | 190 520 | 125 712             | 61 989     | 1 749            | 959                | 110    |
| 2000 | 197 631 | 128 386             | 65 980     | 2 193            | 999                | 74     |
| 2001 | 204 974 | 132 950             | 68 339     | 2 719            | 931                | 35     |
| 2002 | 224 428 | 141 695             | 79 004     | 2 762            | 930                | 38     |
| 2003 | 242 942 | 153 664             | 85 587     | 2 777            | 854                | 60     |
| 2004 | 263 271 | 170 469             | 88 499     | 3 130            | 1 113              | 60     |
| 2005 | 280 980 | 187 853             | 88 633     | 3 147            | 1 204              | 144    |
| 2006 | 307 037 | 206 177             | 96 443     | 3 257            | 1 071              | 91     |
| 2007 | 331 386 | 228 074             | 98 966     | 3 158            | 1 051              | 137    |
| 2008 | 351 405 | 247 408             | 99 260     | 3 441            | 1 144              | 153    |
| 2009 | 367 174 | 255 998             | 106 153    | 3 683            | 1 191              | 149    |

**Table 54. Advanced studies for scientific and technical researchers**

Persons

| Year | Total |        | Natural sciences |        | Engineering and applied sciences |        | Biology and medicine, agriculture |        | Humanities and social sciences |        | Education sciences |        |
|------|-------|--------|------------------|--------|----------------------------------|--------|-----------------------------------|--------|--------------------------------|--------|--------------------|--------|
|      | Local | Abroad | Local            | Abroad | Local                            | Abroad | Local                             | Abroad | Local                          | Abroad | Local              | Abroad |
| 1981 | 43    | 179    | 7                | 38     | 7                                | 35     | 23                                | 73     | 5                              | 26     | 1                  | 7      |
| 1982 | 55    | 190    | 10               | 34     | 12                               | 52     | 25                                | 65     | 6                              | 30     | 2                  | 9      |
| 1983 | 70    | 180    | 8                | 33     | 16                               | 49     | 29                                | 56     | 13                             | 34     | 4                  | 8      |
| 1984 | 63    | 214    | 8                | 36     | 20                               | 64     | 21                                | 49     | 12                             | 53     | 2                  | 12     |
| 1985 | 47    | 228    | 4                | 46     | 15                               | 57     | 16                                | 60     | 10                             | 52     | 2                  | 13     |
| 1986 | 47    | 230    | 4                | 46     | 15                               | 59     | 16                                | 60     | 10                             | 52     | 2                  | 13     |
| 1987 | 80    | 273    | 10               | 42     | 27                               | 83     | 32                                | 70     | 10                             | 69     | 1                  | 9      |
| 1988 | 83    | 226    | 7                | 41     | 22                               | 61     | 30                                | 39     | 19                             | 64     | 5                  | 21     |
| 1989 | 83    | 236    | 8                | 36     | 27                               | 65     | 27                                | 46     | 15                             | 71     | 6                  | 18     |
| 1990 | 86    | 242    | 12               | 42     | 31                               | 65     | 32                                | 49     | 10                             | 73     | 1                  | 13     |
| 1991 | 83    | 272    | 4                | 43     | 27                               | 76     | 32                                | 60     | 18                             | 80     | 2                  | 13     |
| 1992 | 84    | 249    | 4                | 32     | 30                               | 77     | 35                                | 52     | 14                             | 74     | 1                  | 14     |
| 1993 | 101   | 274    | 10               | 30     | 32                               | 73     | 37                                | 69     | 15                             | 87     | 7                  | 15     |
| 1994 | 97    | 274    | 5                | 30     | 34                               | 73     | 42                                | 69     | 16                             | 87     | -                  | 15     |
| 1995 | 71    | 254    | 4                | 41     | 16                               | 68     | 31                                | 45     | 18                             | 86     | 2                  | 14     |
| 1996 | 76    | 133    | 1                | 22     | 23                               | 30     | 30                                | 27     | 19                             | 47     | 3                  | 7      |
| 1997 | 92    | 174    | 6                | 28     | 23                               | 43     | 39                                | 16     | 23                             | 81     | 1                  | 6      |
| 1998 | 102   | 281    | 3                | 35     | 30                               | 79     | 41                                | 47     | 26                             | 116    | 2                  | 4      |
| 1999 | -     | 234    | -                | 37     | -                                | 76     | -                                 | 28     | -                              | 90     | -                  | 3      |
| 2000 | -     | 252    | -                | 31     | -                                | 89     | -                                 | 33     | -                              | 95     | -                  | 4      |
| 2001 | -     | 287    | -                | 34     | -                                | 91     | -                                 | 50     | -                              | 107    | -                  | 5      |
| 2002 | -     | 237    | -                | 36     | -                                | 72     | -                                 | 32     | -                              | 88     | -                  | 9      |
| 2003 | -     | 182    | -                | 17     | -                                | 65     | -                                 | 23     | -                              | 67     | -                  | 10     |
| 2004 | -     | 217    | -                | 31     | -                                | 78     | -                                 | 26     | -                              | 76     | -                  | 6      |
| 2005 | -     | 194    | -                | 30     | -                                | 57     | -                                 | 28     | -                              | 73     | -                  | 6      |
| 2006 | -     | 194    | -                | 25     | -                                | 61     | -                                 | 30     | -                              | 71     | -                  | 7      |
| 2007 | -     | 218    | -                | 33     | -                                | 67     | -                                 | 21     | -                              | 89     | -                  | 8      |
| 2008 | -     | 220    | -                | 19     | -                                | 75     | -                                 | 33     | -                              | 83     | -                  | 10     |
| 2009 | -     | 252    | -                | 36     | -                                | 91     | -                                 | 28     | -                              | 89     | -                  | 8      |
| 2010 | -     | 251    | -                | 26     | -                                | 70     | -                                 | 46     | -                              | 106    | -                  | 3      |

**Table 55. Supporting research projects on science and technology**

| Year                         | Total  | Natural sciences | Engineering and Technology | Medical and agricultural sciences | Humanities and sciences | Education sciences | Others |
|------------------------------|--------|------------------|----------------------------|-----------------------------------|-------------------------|--------------------|--------|
| <b>Items</b>                 |        |                  |                            |                                   |                         |                    |        |
| 1991                         | 4 798  | 1 042            | 1 750                      | 1 289                             | 454                     | 123                | 140    |
| 1992                         | 5 761  | 1 191            | 2 363                      | 1 529                             | 525                     | 133                | 20     |
| 1993                         | 6 843  | 1 388            | 2 897                      | 1 571                             | 705                     | 252                | 30     |
| 1994 r                       | 7 546  | 1 414            | 3 213                      | 1 659                             | 886                     | 330                | 44     |
| 1995 r                       | 8 334  | 1 505            | 3 610                      | 1 675                             | 1 088                   | 456                | -      |
| 1996 r                       | 8 648  | 1 619            | 3 572                      | 1 894                             | 1 094                   | 469                | -      |
| 1997 r                       | 9 730  | 1 781            | 3 867                      | 2 053                             | 1 592                   | 437                | -      |
| 1998                         | 10 665 | 1 791            | 4 296                      | 2 217                             | 1 882                   | 478                | 1      |
| 1999 r                       | 11 112 | 1 841            | 4 386                      | 2 297                             | 2 094                   | 494                | -      |
| 2000 r                       | 24 597 | 3 733            | 9 678                      | 5 380                             | 4 786                   | 1 020              | -      |
| 2001                         | 13 715 | 2 023            | 5 496                      | 2 878                             | 2 576                   | 742                | -      |
| 2002                         | 14 985 | 1 928            | 6 252                      | 3 115                             | 2 989                   | 701                | -      |
| 2003                         | 16 073 | 2 021            | 6 795                      | 3 261                             | 3 123                   | 873                | -      |
| 2004                         | 16 973 | 2 192            | 7 245                      | 3 480                             | 3 397                   | 659                | -      |
| 2005                         | 17 192 | 2 274            | 7 322                      | 3 438                             | 3 468                   | 688                | 2      |
| 2006                         | 17 789 | 2 408            | 7 437                      | 3 549                             | 3 704                   | 688                | 3      |
| 2007                         | 14 975 | 1 881            | 6 150                      | 2 816                             | 3 588                   | 535                | 5      |
| 2008                         | 12 822 | 1 641            | 5 236                      | 2 245                             | 3 162                   | 538                | -      |
| 2009 r                       | 13 646 | 1 882            | 5 469                      | 2 176                             | 3 510                   | 503                | 106    |
| 2010                         | 14 321 | 1 841            | 5 663                      | 2 176                             | 4 031                   | 533                | 77     |
| <b>Grants (Million NT\$)</b> |        |                  |                            |                                   |                         |                    |        |
| 1991                         | 3 605  | 872              | 1 049                      | 774                               | 206                     | 75                 | 628    |
| 1992                         | 3 572  | 955              | 1 330                      | 938                               | 256                     | 67                 | 25     |
| 1993                         | 4 156  | 1 207            | 1 391                      | 1 130                             | 301                     | 113                | 15     |
| 1994 r                       | 4 463  | 1 170            | 1 586                      | 1 137                             | 423                     | 140                | 8      |
| 1995 r                       | 4 760  | 1 332            | 1 543                      | 1 219                             | 472                     | 194                | -      |
| 1996 r                       | 5 048  | 1 294            | 1 810                      | 1 266                             | 480                     | 198                | -      |
| 1997 r                       | 5 083  | 1 305            | 1 803                      | 1 201                             | 582                     | 193                | -      |
| 1998                         | 6 196  | 1 449            | 2 245                      | 1 490                             | 751                     | 247                | 14     |
| 1999 r                       | 7 121  | 1 704            | 2 551                      | 1 773                             | 819                     | 274                | -      |
| 2000 r                       | 16 252 | 3 781            | 5 615                      | 4 329                             | 1 888                   | 640                | -      |
| 2001                         | 9 687  | 2 320            | 3 399                      | 2 364                             | 1 045                   | 560                | -      |
| 2002                         | 12 111 | 2 636            | 4 207                      | 3 294                             | 1 466                   | 509                | -      |
| 2003                         | 12 796 | 2 919            | 4 536                      | 3 172                             | 1 477                   | 693                | -      |
| 2004                         | 14 037 | 3 183            | 5 099                      | 3 510                             | 1 679                   | 566                | -      |
| 2005                         | 15 394 | 3 823            | 5 414                      | 3 754                             | 1 804                   | 598                | 1      |
| 2006                         | 16 977 | 4 114            | 5 764                      | 4 268                             | 2 189                   | 610                | 31     |
| 2007                         | 15 172 | 3 467            | 4 983                      | 3 891                             | 2 297                   | 523                | 10     |
| 2008                         | 12 914 | 2 867            | 4 447                      | 3 276                             | 1 866                   | 459                | -      |
| 2009 r                       | 14 725 | 3 329            | 4 704                      | 3 387                             | 2 102                   | 485                | 719    |
| 2010                         | 14 895 | 3 526            | 4 674                      | 3 599                             | 2 321                   | 495                | 281    |

Notes : Data refer to "fiscal year" before 2000. Data for 2000 is from July 1, 1999 to December 31, 2000.

Table 56. Science and technology output indicators

| Year   | Papers in SCI |      | Patents granted and rank in U. S. P. |      |
|--------|---------------|------|--------------------------------------|------|
|        | Papers        | Rank | Patents                              | Rank |
| 1985 r | 1 013         | 38   | 174                                  | 13   |
| 1986 r | 1 245         | 36   | 208                                  | 13   |
| 1987 r | 1 526         | 32   | 343                                  | 12   |
| 1988 r | 1 912         | 29   | 457                                  | 11   |
| 1989 r | 2 234         | 29   | 591                                  | 11   |
| 1990 r | 2 787         | 28   | 732                                  | 11   |
| 1991 r | 3 281         | 26   | 906                                  | 9    |
| 1992 r | 4 310         | 25   | 1 001                                | 9    |
| 1993 r | 4 892         | 22   | 1 189                                | 7    |
| 1994   | 6 115         | 20   | 1 443                                | 7    |
| 1995   | 7 002         | 19   | 1 620                                | 7    |
| 1996   | 7 861         | 19   | 1 897                                | 7    |
| 1997   | 8 126         | 20   | 2 057                                | 7    |
| 1998   | 8 957         | 19   | 3 100                                | 7    |
| 1999   | 9 423         | 20   | 3 693                                | 5    |
| 2000   | 9 652         | 21   | 4 667                                | 4    |
| 2001 r | 11 150        | 18   | 5 371                                | 4    |
| 2002 r | 11 407        | 18   | 5 431                                | 4    |
| 2003   | 13 128        | 18   | 5 298                                | 4    |
| 2004 r | 13 640        | 18   | 5 938                                | 4    |
| 2005 r | 16 765        | 18   | 5 118                                | 4    |
| 2006 r | 17 963        | 17   | 6 361                                | 4    |
| 2007 r | 18 746        | 16   | 6 128                                | 5    |
| 2008 r | 22 636        | 16   | 6 339                                | 5    |
| 2009   | 24 315        | 16   | 6 642                                | 5    |

Notes : Patents granted in U.S.P. excluding new design.



**Table 57. Number of patents applied and granted**

Cases

| Year   | Patents applied |         |           | Patents granted |         |           |
|--------|-----------------|---------|-----------|-----------------|---------|-----------|
|        | Total           | Chinese | Foreigner | Total           | Chinese | Foreigner |
| 1981   | 15 027          | 10 132  | 4 895     | 6 264           | 2 897   | 3 367     |
| 1982   | 16 328          | 10 525  | 5 803     | 7 460           | 3 784   | 3 676     |
| 1983   | 19 428          | 13 152  | 6 276     | 7 096           | 3 705   | 3 391     |
| 1984   | 22 013          | 14 551  | 7 462     | 8 592           | 4 637   | 3 955     |
| 1985   | 23 870          | 16 324  | 7 546     | 9 427           | 5 044   | 4 383     |
| 1986   | 26 198          | 18 372  | 7 826     | 10 526          | 5 800   | 4 726     |
| 1987   | 28 900          | 18 227  | 10 673    | 10 615          | 5 980   | 4 635     |
| 1988   | 29 511          | 17 152  | 12 359    | 12 355          | 6 586   | 5 769     |
| 1989   | 32 103          | 17 917  | 14 186    | 19 265          | 10 397  | 8 868     |
| 1990   | 34 343          | 19 964  | 14 379    | 22 601          | 11 108  | 11 493    |
| 1991   | 36 127          | 22 940  | 13 187    | 27 281          | 13 555  | 13 726    |
| 1992   | 38 554          | 26 118  | 12 436    | 21 264          | 12 298  | 8 966     |
| 1993   | 41 185          | 28 426  | 12 759    | 22 317          | 15 414  | 6 903     |
| 1994   | 42 412          | 29 307  | 13 105    | 19 032          | 12 563  | 6 469     |
| 1995   | 43 461          | 28 900  | 14 561    | 29 707          | 20 717  | 8 990     |
| 1996   | 47 055          | 31 185  | 15 870    | 29 469          | 19 410  | 10 059    |
| 1997   | 53 164          | 33 657  | 19 507    | 29 356          | 19 551  | 9 805     |
| 1998   | 54 003          | 34 243  | 19 760    | 25 051          | 16 417  | 8 634     |
| 1999   | 51 921          | 32 643  | 19 278    | 29 144          | 18 052  | 11 092    |
| 2000   | 61 231          | 36 369  | 24 862    | 38 665          | 23 737  | 14 928    |
| 2001   | 67 860          | 40 210  | 27 650    | 53 789          | 32 310  | 21 479    |
| 2002   | 61 402          | 35 926  | 25 476    | 45 042          | 24 846  | 20 196    |
| 2003   | 65 742          | 39 663  | 26 079    | 53 034          | 30 955  | 22 079    |
| 2004 r | 72 082          | 43 020  | 29 062    | 27 717          | 15 916  | 11 801    |
| 2005   | 79 442          | 47 721  | 31 721    | 57 236          | 42 324  | 14 912    |
| 2006   | 80 988          | 48 626  | 32 362    | 48 774          | 33 773  | 15 001    |
| 2007   | 81 834          | 49 595  | 32 239    | 49 006          | 34 068  | 14 938    |
| 2008   | 83 613          | 51 339  | 32 274    | 42 283          | 32 364  | 9 919     |
| 2009   | 78 425          | 51 256  | 27 169    | 43 724          | 33 457  | 10 267    |
| 2010   | 80 494          | 52 107  | 28 387    | 45 966          | 35 056  | 10 910    |

**Notes :** According to amended Patent Act on July 1, 2004, the number of granted patents included published approval patents and issued patent certificates; Data included number of published approval patents only before 2003.

**Table 58. Saturation rate of newspapers and magazines**

| Year | Newspaper              |                     | Magazine               |                     |
|------|------------------------|---------------------|------------------------|---------------------|
|      | Per hundred households | Saturation rate (%) | Per hundred households | Saturation rate (%) |
| 1981 | 64.75                  | 59.21               | 12.55                  | 8.82                |
| 1982 | 63.96                  | 59.28               | 13.85                  | 9.64                |
| 1983 | 65.88                  | 59.34               | 13.71                  | 9.34                |
| 1984 | 67.96                  | 61.55               | 15.62                  | 10.33               |
| 1985 | 72.71                  | 64.80               | 16.72                  | 11.67               |
| 1986 | 75.54                  | 66.26               | 17.58                  | 12.38               |
| 1987 | 70.34                  | 62.56               | 19.61                  | 13.82               |
| 1988 | 67.37                  | 60.34               | 17.83                  | 13.56               |
| 1989 | 71.13                  | 62.46               | 18.28                  | 13.76               |
| 1990 | 69.49                  | 62.27               | 14.82                  | 11.37               |
| 1991 | 68.61                  | 62.03               | 17.12                  | 13.62               |
| 1992 | 66.04                  | 60.13               | 17.04                  | 13.22               |
| 1993 | 63.04                  | 57.78               | 16.47                  | 13.05               |
| 1994 | 64.53                  | 57.87               | 16.82                  | 12.46               |
| 1995 | 60.54                  | 55.61               | 17.21                  | 12.87               |
| 1996 | 56.45                  | 52.25               | 15.81                  | 12.45               |
| 1997 | 56.93                  | 52.23               | 16.93                  | 13.20               |
| 1998 | 53.56                  | 49.41               | 16.38                  | 13.31               |
| 1999 | 51.68                  | 47.42               | 17.67                  | 13.39               |
| 2000 | 46.91                  | 43.61               | 18.16                  | 14.12               |
| 2001 | 41.44                  | 38.81               | 19.12                  | 14.30               |
| 2002 | 40.39                  | 38.11               | 18.33                  | 14.74               |
| 2003 | 37.87                  | 35.78               | 16.34                  | 13.09               |
| 2004 | 35.44                  | 33.63               | 15.62                  | 12.92               |
| 2005 | 33.68                  | 32.31               | 14.72                  | 12.37               |
| 2006 | 29.46                  | 28.16               | 14.40                  | 12.18               |
| 2007 | 27.92                  | 26.60               | 13.13                  | 11.05               |
| 2008 | 24.48                  | 23.59               | 12.23                  | 10.01               |
| 2009 | 22.49                  | 21.64               | 11.56                  | 9.81                |
| 2010 | 21.99                  | 21.09               | 10.78                  | 8.87                |

**Table 59. General conditions of culture and mass communication**

Numbers

| Year   | Public libraries | Books <sup>1</sup> published | Publishing industries <sup>2</sup> |                                |                                  |                 |                   |                     |
|--------|------------------|------------------------------|------------------------------------|--------------------------------|----------------------------------|-----------------|-------------------|---------------------|
|        |                  |                              | Total                              | Newspaper & related publishing | Periodical & magazine publishing | Book publishing | Other publishings | Software publishing |
| 1981   | 135              | 8 865                        | -                                  | -                              | -                                | -               | -                 | -                   |
| 1982   | 142              | 8 776                        | -                                  | -                              | -                                | -               | -                 | -                   |
| 1983   | 146              | 9 008                        | -                                  | -                              | -                                | -               | -                 | -                   |
| 1984   | 149              | 9 256                        | -                                  | -                              | -                                | -               | -                 | -                   |
| 1985   | 179              | 8 822                        | -                                  | -                              | -                                | -               | -                 | -                   |
| 1986   | 201              | 10 255                       | -                                  | -                              | -                                | -               | -                 | -                   |
| 1987   | 198              | 12 046                       | -                                  | -                              | -                                | -               | -                 | -                   |
| 1988   | 204              | 11 982                       | -                                  | -                              | -                                | -               | -                 | -                   |
| 1989   | 252              | 12 964                       | -                                  | -                              | -                                | -               | -                 | -                   |
| 1990   | 324              | 16 156                       | -                                  | -                              | -                                | -               | -                 | -                   |
| 1991   | 310              | 12 418                       | -                                  | -                              | -                                | -               | -                 | -                   |
| 1992   | 331              | 13 501                       | -                                  | -                              | -                                | -               | -                 | -                   |
| 1993   | 344              | 14 743                       | -                                  | -                              | -                                | -               | -                 | -                   |
| 1994   | 358              | 24 483                       | 2 110                              | 104                            | 841                              | 837             | 328               | -                   |
| 1995 r | 370              | 26 130                       | 2 263                              | 113                            | 838                              | 963             | 349               | -                   |
| 1996 r | 414              | 25 283                       | 2 326                              | 121                            | 817                              | 1 039           | 349               | -                   |
| 1997 r | 425              | 28 853                       | 2 387                              | 117                            | 758                              | 1 137           | 375               | -                   |
| 1998 r | 408              | 30 574                       | 2 484                              | 119                            | 757                              | 1 242           | 366               | -                   |
| 1999 r | 421              | 30 561                       | 2 639                              | 164                            | 803                              | 1 289           | 383               | -                   |
| 2000 r | 468              | 34 199                       | 2 775                              | 184                            | 822                              | 1 363           | 406               | -                   |
| 2001 r | 506              | 36 353                       | 2 853                              | 190                            | 820                              | 1 409           | 434               | -                   |
| 2002 r | 512              | 38 746                       | 2 993                              | 195                            | 835                              | 1 503           | 460               | -                   |
| 2003 r | 506              | 39 003                       | 3 133                              | 195                            | 852                              | 1 587           | 499               | -                   |
| 2004 r | 510              | 39 754                       | 3 286                              | 200                            | 890                              | 1 665           | 531               | -                   |
| 2005 r | 517              | 41 686                       | 3 443                              | 192                            | 944                              | 1 739           | 568               | -                   |
| 2006 r | 529              | 42 065                       | 3 453                              | 173                            | 939                              | 1 763           | 578               | -                   |
| 2007 r | 539              | 41 602                       | 3 512                              | 190                            | 959                              | 1 772           | 591               | -                   |
| 2008 r | 544              | 41 083                       | 3 086                              | 198                            | 982                              | 1 748           | 81                | 77                  |
| 2009 r | 537              | 40 472                       | 3 187                              | 189                            | 1 018                            | 1 770           | 101               | 109                 |
| 2010   | 550              | 43 276                       | 3 326                              | 193                            | 1 078                            | 1 789           | 118               | 148                 |

Notes : <sup>1</sup>After 1994, number of books referred to published books with International Standard Book Number (ISBN) by National Central Library.

<sup>2</sup>Beginning from 2008, the figures are reclassified according to the sixth revision of Standard Industrial Classification on Taxation of the Republic of China.

Table 60. General condition

| Year and locality | Total | By category of law |           |                      |              |              |              | Old House |
|-------------------|-------|--------------------|-----------|----------------------|--------------|--------------|--------------|-----------|
|                   |       | National           | Municipal | Counties<br>(Cities) | 1st<br>Class | 2nd<br>Class | 3rd<br>Class |           |
| 2006              | 648   | 89                 | 141       | 418                  | -            | -            | -            | 81        |
| 2007              | 670   | 87                 | 149       | 434                  | -            | -            | -            | 89        |
| 2008              | 690   | 88                 | 207       | 395                  | -            | -            | -            | 102       |
| 2009              | 712   | 88                 | 155       | 469                  | -            | -            | -            | 107       |
| 2010              | 735   | 89                 | 156       | 490                  | -            | -            | -            | 115       |
| Taiwan Province   | 518   | 66                 | -         | 452                  | -            | -            | -            | 65        |
| Taipei County     | 63    | 6                  | -         | 57                   | -            | -            | -            | 12        |
| Yilan County      | 29    | -                  | -         | 29                   | -            | -            | -            | 4         |
| Taoyuan County    | 14    | 1                  | -         | 13                   | -            | -            | -            | 2         |
| Hsinchu County    | 24    | 1                  | -         | 23                   | -            | -            | -            | 6         |
| Miaoli County     | 10    | 1                  | -         | 9                    | -            | -            | -            | 1         |
| Taichung County   | 21    | 1                  | -         | 20                   | -            | -            | -            | 7         |
| Changhwa County   | 39    | 6                  | -         | 33                   | -            | -            | -            | 5         |
| Nantou County     | 14    | 1                  | -         | 13                   | -            | -            | -            | -         |
| Yunlin County     | 19    | 1                  | -         | 18                   | -            | -            | -            | 4         |
| Chiayi County     | 15    | 2                  | -         | 13                   | -            | -            | -            | 2         |
| Tainan County     | 19    | 2                  | -         | 17                   | -            | -            | -            | 3         |
| Kaohsiung County  | 23    | 3                  | -         | 20                   | -            | -            | -            | 2         |
| Pingtung County   | 18    | 3                  | -         | 15                   | -            | -            | -            | 1         |
| Taitung County    | -     | -                  | -         | -                    | -            | -            | -            | -         |
| Hwalien County    | 10    | -                  | -         | 10                   | -            | -            | -            | 4         |
| Penghu County     | 25    | 8                  | -         | 17                   | -            | -            | -            | 2         |
| Keelung City      | 13    | 3                  | -         | 10                   | -            | -            | -            | 3         |
| Hsinchu City      | 23    | 5                  | -         | 18                   | -            | -            | -            | 2         |
| Taichung City     | 13    | 1                  | -         | 12                   | -            | -            | -            | -         |
| Chiayi City       | 14    | 1                  | -         | 13                   | -            | -            | -            | -         |
| Tainan City       | 112   | 20                 | -         | 92                   | -            | -            | -            | 5         |
| Taipei City       | 148   | 12                 | 136       | -                    | -            | -            | -            | 35        |
| Kaohsiung City    | 22    | 2                  | 20        | -                    | -            | -            | -            | 2         |
| Fukien Province   | 47    | 9                  | -         | 38                   | -            | -            | -            | 13        |
| Kinmen County     | 44    | 8                  | -         | 36                   | -            | -            | -            | 13        |
| Lienchiang County | 3     | 1                  | -         | 2                    | -            | -            | -            | -         |

Notes : The historical sites were not categorized to 1,2 and 3 classes from 2006.

**of historical sites**

Places

| By kinds |                |                    |  |             |        |                    |        |             |        |        |
|----------|----------------|--------------------|--|-------------|--------|--------------------|--------|-------------|--------|--------|
| Temple   | Castle & tower | Monu-mental shrine | Fort and strategic passage on the border | Study house | Church | Govern-ment office | Tablet | Light house | Bridge | Others |
| 186      | 17             | 16                 | 23                                       | 13          | 9      | 26                 | 23     | 5           | 9      | 240    |
| 188      | 16             | 17                 | 23                                       | 12          | 7      | 26                 | 16     | 5           | 10     | 261    |
| 163      | 17             | 18                 | 24                                       | 12          | 35     | 25                 | 24     | 5           | 13     | 252    |
| 189      | 17             | 18                 | 24                                       | 12          | 9      | 31                 | 20     | 5           | 14     | 266    |
| 190      | 17             | 18                 | 25                                       | 12          | 9      | 32                 | 23     | 6           | 14     | 274    |
| 161      | 15             | 12                 | 22                                       | 11          | 5      | 18                 | 19     | 2           | 13     | 175    |
| 10       | -              | -                  | 2  | 2           | 1      | 2                  | 9      | -           | 4      | 21     |
| 6        | -              | 1                  | -  | -           | 2      | -                  | 2      | -           | 4      | 10     |
| 10       | -              | -                  | -  | -           | -      | -                  | -      | 1           | 1      | -      |
| 15       | -              | -                  | 1  | -           | -      | 1                  | -      | -           | 1      | -      |
| 3        | -              | 1                  | -  | -           | -      | -                  | -      | -           | 1      | 4      |
| 2        | -              | 1                  | -  | 1           | -      | -                  | -      | -           | -      | 10     |
| 25       | -              | -                  | -  | 2           | -      | 3                  | -      | -           | -      | 4      |
| 3        | -              | -                  | -  | 3           | -      | -                  | 2      | -           | 1      | 5      |
| 6        | -              | -                  | -  | 1           | -      | 2                  | -      | -           | -      | 6      |
| 8        | -              | -                  | -  | -           | -      | -                  | 2      | -           | -      | 3      |
| 10       | -              | -                  | -  | -           | -      | -                  | -      | -           | -      | 6      |
| 2        | 2              | -                  | -  | 1           | -      | -                  | -      | -           | -      | 16     |
| 7        | 2              | -                  | 3  | 1           | 1      | -                  | -      | -           | 1      | 2      |
| -        | -              | -                  | -  | -           | -      | -                  | -      | -           | -      | -      |
| 1        | -              | 2                  | -  | -           | -      | 1                  | 2      | -           | -      | -      |
| 6        | 2              | -                  | 5  | -           | -      | -                  | 2      | 1           | -      | 7      |
| -        | -              | -                  | 7  | -           | -      | 1                  | -      | -           | -      | 2      |
| 6        | 1              | 4                  | -  | -           | -      | 2                  | -      | -           | -      | 8      |
| 6        | -              | -                  | -  | -           | -      | 2                  | -      | -           | -      | 5      |
| 3        | -              | -                  | -  | -           | 1      | -                  | -      | -           | -      | 10     |
| 32       | 8              | 3                  | 4  | -           | -      | 4                  | -      | -           | -      | 56     |
| 18       | 1              | 3                  | 1  | 1           | 4      | 10                 | 1      | -           | -      | 74     |
| 3        | 1              | -                  | 2  | -           | -      | 3                  | -      | 1           | -      | 10     |
| 8        | -              | 3                  | -  | -           | -      | 1                  | 3      | 3           | 1      | 15     |
| 8        | -              | 3                  | -  | -           | -      | 1                  | 2      | 1           | 1      | 15     |
| -        | -              | -                  | -  | -           | -      | -                  | 1      | 2           | -      | -      |

**Table 61. Average entertainment expenditure per person**

NT\$

| Year | Total  | Traveling | Recreational and cultural services | Facilities and attachments | Newspapers, magazines and stationery |
|------|--------|-----------|------------------------------------|----------------------------|--------------------------------------|
| 1996 | 11 357 | 5 847     | 2 008                              | 2 030                      | 1 472                                |
| 1997 | 12 011 | 5 929     | 2 293                              | 2 206                      | 1 583                                |
| 1998 | 11 616 | 5 488     | 2 432                              | 2 160                      | 1 536                                |
| 1999 | 12 207 | 5 906     | 2 491                              | 2 257                      | 1 553                                |
| 2000 | 12 890 | 6 511     | 2 621                              | 2 260                      | 1 498                                |
| 2001 | 12 082 | 5 714     | 2 607                              | 2 325                      | 1 437                                |
| 2002 | 12 037 | 5 876     | 2 590                              | 2 183                      | 1 388                                |
| 2003 | 11 441 | 5 116     | 2 599                              | 2 408                      | 1 319                                |
| 2004 | 12 452 | 5 870     | 2 729                              | 2 533                      | 1 320                                |
| 2005 | 12 657 | 6 126     | 2 758                              | 2 481                      | 1 292                                |
| 2006 | 12 798 | 6 695     | 2 525                              | 2 351                      | 1 227                                |
| 2007 | 12 851 | 6 553     | 2 477                              | 2 676                      | 1 145                                |
| 2008 | 12 123 | 6 110     | 2 451                              | 2 516                      | 1 046                                |
| 2009 | 10 596 | 3 620     | 2 611                              | 2 386                      | 1 979                                |
| 2010 | 11 461 | 4 273     | 3 014                              | 2 300                      | 1 874                                |

Notes : Traveling data included package holiday only since 2009.

**Table 62. Saturation rate of playground and recreational apparatuses**

| Year   | Park, Green Area, Play Ground, Athletic Complex & Square (Hectares) |                            | Recreational apparatuses (%) |            |                   |          |        |
|--------|---|----------------------------|------------------------------|------------|-------------------|----------|--------|
|        | Total area  | Area per 10 000 population | Color television sets        | DVD player | Personal computer | Cable TV | Pianos |
| 1996   | 58 748  | 27.29                      | 99.32                        | -          | 22.56             | 59.57    | 11.40  |
| 1997   | 60 689  | 27.91                      | 99.47                        | -          | 28.39             | 65.97    | 11.44  |
| 1998   | 60 977  | 27.81                      | 99.17                        | -          | 32.31             | 68.09    | 11.59  |
| 1999   | 61 002  | 27.61                      | 99.31                        | 7.25       | 38.92             | 67.87    | 11.00  |
| 2000   | 71 963  | 32.30                      | 99.45                        | 13.47      | 46.49             | 71.96    | 10.80  |
| 2001   | 4 056   | 2.31                       | 99.29                        | 22.49      | 50.86             | 72.34    | 10.92  |
| 2002   | 4 130   | 2.34                       | 99.56                        | 32.86      | 56.80             | 74.81    | 11.64  |
| 2003   | 4 439   | 2.52                       | 99.51                        | 40.11      | 58.74             | 76.12    | 10.71  |
| 2004   | 4 705   | 2.65                       | 99.47                        | 45.99      | 62.37             | 78.53    | 11.06  |
| 2005   | 4 785   | 2.67                       | 99.46                        | 48.60      | 63.15             | 79.02    | 11.42  |
| 2006   | 4 996   | 2.78                       | 99.55                        | 53.53      | 66.12             | 79.82    | 11.29  |
| 2007   | 5 534   | 3.03                       | 99.37                        | 52.68      | 67.13             | 79.93    | 10.58  |
| 2008   | 5 689   | 3.11                       | 99.39                        | 44.11      | 69.27             | 81.65    | 10.44  |
| 2009 r | 6 003   | 3.23                       | 99.56                        | 42.18      | 70.51             | 81.97    | 10.25  |
| 2010   | 6 396   | 3.48                       | 99.73                        | 21.81      | 49.67             | 68.88    | 5.51   |

Notes : Total area of park, Green Area, Play Ground, Athletic Complex and Square referred to the total playground before 2000, since 2001 it referred to the area in urban planning area only.

## HEALTH

This chapter is concerned with information on public health in our country. It contains data on medical care facilities, health personnel, causes of death, nutrient consumption and health services. Data on medical care facilities, health personnel, health services and death rates of the leading causes, infant and maternity are obtained from the website of the Department of Health, Executive Yuan, R.O.C. Data on nutrient supply are obtained from the *Agricultural Statistics Yearbook* published by the Council of Agriculture, Executive Yuan.

The scope of data on medical care facilities covered public and private medical care institutions.

The classification standards of major causes of death are based on the tenth revision of the *International Statistical Classification of Diseases and Related Health Problems* (ICD) by the World Health Organization.

The hospital beds include acute beds, chronic beds, psychiatric beds and special beds.

The nutrient supply is derived from the nutrients contained in the foods taken each day by each person.

**Table 63. General conditions of medical facilities**

| End of Year | Medical care facilities |                                   |                                | Beds               |   |
|-------------|-------------------------|-----------------------------------|--------------------------------|--------------------|---|
|             | Total<br>(Numbers)      | Per medical care facility         |                                | Total<br>(Numbers) | Number of beds per<br>10 000 population |
|             |                         | Area served<br>(Km <sup>2</sup> ) | Population served<br>(Persons) |                    |   |
| 1981        | 11 161                  | 3.23                              | 1 625                          | 44 053             | 24.29                                   |
| 1982        | 11 620                  | 3.10                              | 1 588                          | 53 498             | 28.98                                   |
| 1983        | 11 951                  | 3.01                              | 1 567                          | 57 419             | 30.65                                   |
| 1984        | 12 103                  | 2.97                              | 1 571                          | 62 467             | 32.86                                   |
| 1985        | 12 323                  | 2.92                              | 1 563                          | 74 081             | 38.47                                   |
| 1986        | 12 037                  | 3.01                              | 1 621                          | 80 991             | 41.63                                   |
| 1987        | 12 199                  | 2.95                              | 1 613                          | 86 328             | 43.88                                   |
| 1988        | 12 215                  | 2.96                              | 1 629                          | 88 572             | 44.50                                   |
| 1989        | 12 267                  | 2.95                              | 1 639                          | 86 693             | 43.11                                   |
| 1990        | 12 902                  | 2.80                              | 1 578                          | 89 151             | 43.80                                   |
| 1991        | 13 661                  | 2.65                              | 1 505                          | 92 785             | 45.14                                   |
| 1992        | 14 468                  | 2.50                              | 1 434                          | 96 084             | 46.30                                   |
| 1993        | 15 062                  | 2.40                              | 1 394                          | 100 570            | 47.90                                   |
| 1994        | 15 752                  | 2.30                              | 1 344                          | 103 733            | 48.98                                   |
| 1995        | 16 109                  | 2.25                              | 1 326                          | 112 379            | 52.62                                   |
| 1996        | 16 645                  | 2.17                              | 1 293                          | 114 923            | 53.39                                   |
| 1997        | 17 398                  | 2.08                              | 1 250                          | 120 485            | 55.41                                   |
| 1998        | 17 731                  | 2.04                              | 1 237                          | 124 564            | 56.80                                   |
| 1999        | 17 770                  | 2.04                              | 1 243                          | 122 937            | 55.65                                   |
| 2000        | 18 082                  | 2.00                              | 1 232                          | 126 476            | 56.78                                   |
| 2001        | 18 265                  | 1.98                              | 1 227                          | 127 676            | 56.98                                   |
| 2002        | 18 228                  | 1.99                              | 1 236                          | 133 398            | 59.23                                   |
| 2003        | 18 777                  | 1.93                              | 1 204                          | 136 331            | 60.31                                   |
| 2004        | 19 240                  | 1.88                              | 1 179                          | 143 343            | 63.18                                   |
| 2005        | 19 433                  | 1.86                              | 1 172                          | 146 382            | 64.29                                   |
| 2006        | 19 682                  | 1.84                              | 1 162                          | 148 962            | 65.12                                   |
| 2007        | 19 900                  | 1.82                              | 1 154                          | 150 628            | 65.61                                   |
| 2008        | 20 174                  | 1.79                              | 1 142                          | 152 901            | 66.37                                   |
| 2009        | 20 306                  | 1.78                              | 1 139                          | 156 740            | 67.79                                   |
| 2010        | 20 691                  | 1.75                              | 1 119                          | 158 922            | 68.61                                   |

Notes : Data do not include Kinmen County and Lienchiang County before 1993.



Table 64. Number of health personnel

%

| End of Year | Total (persons) | Physicians | Dentists | Pharmacists & assistants | Nurses | Medical laboratory technicians & assistants | Medical radiation technologists & technicians | Others |
|-------------|-----------------|------------|----------|--------------------------|--------|---|---|--------|
| 1981        | 45 696          | 29.85      | 4.66     | 28.35                    | 28.88  | 1.59  | -   | 6.67   |
| 1982        | 49 899          | 28.82      | 4.88     | 28.17                    | 30.41  | 1.47  | -   | 6.25   |
| 1983        | 52 648          | 27.86      | 5.10     | 27.50                    | 31.87  | 2.03  | -   | 5.64   |
| 1984        | 57 404          | 26.45      | 5.13     | 26.48                    | 34.66  | 2.44  | -   | 4.84   |
| 1985        | 66 278          | 25.55      | 4.94     | 24.59                    | 36.59  | 2.99  | 1.47  | 3.87   |
| 1986        | 69 339          | 25.71      | 5.39     | 23.41                    | 37.52  | 3.19  | 1.06  | 3.72   |
| 1987        | 77 246          | 25.07      | 5.37     | 22.78                    | 39.06  | 3.29  | 1.18  | 3.24   |
| 1988        | 83 045          | 24.79      | 5.43     | 21.24                    | 40.80  | 3.58  | 1.16  | 3.00   |
| 1989        | 85 599          | 24.34      | 5.68     | 21.05                    | 41.38  | 3.76  | 1.50  | 2.29   |
| 1990        | 91 153          | 24.46      | 5.98     | 19.69                    | 42.08  | 4.01  | 1.57  | 2.22   |
| 1991        | 96 921          | 24.38      | 6.17     | 19.16                    | 43.08  | 3.82  | 1.55  | 1.84   |
| 1992        | 102 977         | 24.26      | 6.26     | 17.96                    | 44.54  | 3.82  | 1.65  | 1.51   |
| 1993        | 109 538         | 23.91      | 5.97     | 17.69                    | 45.92  | 3.95  | 1.53  | 1.04   |
| 1994        | 114 076         | 23.92      | 6.11     | 16.45                    | 47.10  | 4.03  | 1.49  | 0.90   |
| 1995        | 118 248         | 23.25      | 5.94     | 16.26                    | 47.99  | 3.99  | 1.52  | 1.05   |
| 1996        | 123 829         | 22.44      | 5.86     | 15.88                    | 49.66  | 4.07  | 1.17  | 0.92   |
| 1997        | 137 829         | 21.06      | 5.49     | 15.41                    | 50.54  | 3.91  | 1.64  | 1.93   |
| 1998        | 144 070         | 21.26      | 5.48     | 15.80                    | 49.43  | 3.88  | 1.72  | 2.43   |
| 1999        | 152 385         | 20.84      | 5.41     | 15.71                    | 49.61  | 3.95  | 1.64  | 2.84   |
| 2000        | 159 212         | 20.93      | 5.40     | 15.33                    | 49.73  | 3.91  | 1.73  | 2.97   |
| 2001        | 165 855         | 20.83      | 5.39     | 15.01                    | 49.90  | 3.94  | 1.90  | 3.03   |
| 2002        | 175 444         | 20.31      | 5.25     | 14.45                    | 51.05  | 3.83  | 1.94  | 3.16   |
| 2003        | 183 103         | 20.02      | 5.22     | 13.67                    | 52.03  | 3.85  | 1.94  | 3.27   |
| 2004        | 192 611         | 19.70      | 5.12     | 13.54                    | 52.68  | 3.70  | 1.92  | 3.34   |
| 2005        | 199 734         | 19.38      | 5.08     | 13.39                    | 52.46  | 3.67  | 1.94  | 4.08   |
| 2006        | 206 959         | 19.15      | 5.03     | 13.25                    | 52.74  | 3.60  | 1.96  | 4.27   |
| 2007        | 214 748         | 18.96      | 5.00     | 13.06                    | 53.01  | 3.56  | 1.96  | 4.45   |
| 2008        | 223 623         | 18.90      | 4.96     | 12.85                    | 53.12  | 3.53  | 1.99  | 4.65   |
| 2009        | 233 553         | 18.48      | 4.86     | 12.67                    | 53.56  | 3.51  | 1.99  | 4.93   |
| 2010        | 241 156         | 18.35      | 4.83     | 12.44                    | 53.47  | 3.47  | 2.04  | 5.40   |

Notes : 1.Others only referred to midwives before 1995; data 1995 and 1996 included midwives and dietitians. Beginning 1997, data included midwives, dietitians, physical therapist and physical therapist assistants.

2.Data do not include Kinmen County and Lienchiang County before 1993.

Table 65. Health services in contracted medical institutions

Persons

| Year | Utilization Rate of Preventive Health Examination for Adults(%) | General Fertility Rate of Child bearing age women(‰) | Utilization Rate of Preventive Health Examination for Children(%) | Examination of Children |             |           |           |
|------|---|--|---|-------------------------|-------------|-----------|-----------|
|      |   |  |   | Under 1.5 years         | 1.5-2 years | 2-3 years | 3-7 years |
| 2001 | -   | 41   | -   | 663 466                 |             |           | 36 599    |
| 2002 | -   | 39   | -   | 991 821                 |             |           | 89 560    |
| 2003 | -   | 36   | -   | 936 173                 |             |           | 90 534    |
| 2004 | -   | 34   | -   | 720 628                 |             |           | 179 277   |
| 2005 | -   | 33   | -   | 1 186 092               |             |           | 257 093   |
| 2006 | -   | 33   | 79.8  | 1 357 371               |             |           | 269 982   |
| 2007 | 34.4  | 32   | 66.3  | 1 053 912               |             |           | 195 413   |
| 2008 | 34.2  | 31   | 68.6  | 1 058 275               |             |           | 191 143   |
| 2009 | 34.5  | 31   | 71.1  | 1 031 630               |             |           | 218 784   |
| 2010 | 34.1  | 27   | 79.5  | 569 944                 | 140 155     | 150 137   | 173 980   |

| Year | O.P.D Examination                        |           | Type of childbirth |                        |                  | Pap smear examination | Utilization Rate of Cervical Pap Smear Examination for Women(%) |
|------|--|-----------|--------------------|------------------------|------------------|-----------------------|---|
|      | NO. of person received first examination | 34+ years | Total              | Spontaneous childbirth | Cesarean section |                       |   |
| 2001 | 244 665                                  | 23 057    | 238 551            | 159 296                | 79 255           | 1 254 282             | -   |
| 2002 | 214 708                                  | 29 392    | 228 220            | 152 426                | 75 794           | 2 553 064             | -   |
| 2003 | 117 846                                  | 18 902    | 213 606            | 143 977                | 69 629           | 2 575 030             | -   |
| 2004 | 186 841                                  | 16 378    | 209 783            | 141 824                | 67 959           | 1 257 240             | -   |
| 2005 | 212 873                                  | 20 814    | 199 729            | 133 675                | 66 054           | 1 718 601             | -   |
| 2006 | 252 370                                  | 29 512    | 198 334            | 131 816                | 66 518           | 1 943 181             | 24.9  |
| 2007 | 209 387                                  | 37 700    | 196 258            | 128 557                | 67 701           | 1 745 442             | 25.5  |
| 2008 | 201 946                                  | 38 889    | 190 035            | 124 559                | 65 476           | 1 822 753             | 26.0  |
| 2009 | 188 659                                  | 40 944    | 186 547            | 120 456                | 66 091           | 1 948 334             | 27.2  |
| 2010 | 189 681                                  | 46 101    | 162 794            | 104 159                | 58 635           | 2 007 043             | 27.4  |

Table 66. Number of patients of notifiable diseases

Persons

| End of Year | Tuberculosis | Dysentery | Typhoid & paratyphoid fever | Acute viral hepatitis | Enteroviruses complicated severe case | AIDS  | Dengue fever |
|-------------|--------------|-----------|-----------------------------|-----------------------|---------------------------------------|-------|--------------|
| 1981 r      | -            | 28        | 76                          | -                     | ...                                   | -     | -            |
| 1982        | -            | 84        | 166                         | -                     | ...                                   | -     | -            |
| 1983        | -            | 130       | 179                         | -                     | ...                                   | -     | -            |
| 1984        | -            | 68        | 132                         | -                     | ...                                   | -     | -            |
| 1985        | -            | 258       | 144                         | -                     | ...                                   | -     | -            |
| 1986        | 7 243        | 101       | 71                          | 116                   | ...                                   | -     | -            |
| 1987 r      | 7 154        | 126       | 80                          | 181                   | ...                                   | -     | -            |
| 1988 r      | 6 501        | 192       | 98                          | 161                   | ...                                   | -     | 1 938        |
| 1989 r      | 7 351        | 218       | 105                         | 112                   | ...                                   | -     | 35           |
| 1990 r      | 7 329        | 141       | 81                          | 90                    | ...                                   | -     | 10           |
| 1991 r      | 7 107        | 107       | 68                          | 207                   | ...                                   | 19    | 175          |
| 1992        | 11 765       | 116       | 89                          | 255                   | ...                                   | 22    | 23           |
| 1993 r      | 10 456       | 588       | 42                          | 5                     | ...                                   | 34    | 13           |
| 1994 r      | 10 346       | 220       | 48                          | 406                   | ...                                   | 66    | 244          |
| 1995        | 10 836       | 573       | 47                          | 958                   | ...                                   | 100   | 364          |
| 1996        | 12 579       | 263       | 68                          | 560                   | ...                                   | 162   | 53           |
| 1997 r      | 15 386       | 426       | 54                          | 511                   | ...                                   | 135   | 76           |
| 1998        | 14 169       | 446       | 78                          | 576                   | ...                                   | 155   | 334          |
| 1999        | 13 496       | 265       | 60                          | 485                   | 35                                    | 180   | 65           |
| 2000        | 13 910       | 643       | 46                          | 298                   | 291                                   | 181   | 140          |
| 2001        | 14 486       | 1 630     | 70                          | 769                   | 393                                   | 165   | 270          |
| 2002 r      | 16 758       | 725       | 72                          | 806                   | 162                                   | 177   | 5 388        |
| 2003        | 15 042       | 367       | 55                          | 674                   | 70                                    | 225   | 145          |
| 2004        | 16 784       | 252       | 57                          | 807                   | 50                                    | 257   | 427          |
| 2005 r      | 16 472       | 294       | 48                          | 785                   | 142                                   | 506   | 306          |
| 2006        | 15 378       | 264       | 53                          | 613                   | 11                                    | 579   | 1 074        |
| 2007        | 14 499       | 391       | 40                          | 581                   | 12                                    | 1 061 | 2 179        |
| 2008        | 14 424       | 317       | 44                          | 631                   | 373                                   | 850   | 714          |
| 2009        | 13 512       | 281       | 86                          | 545                   | 29                                    | 930   | 1 052        |
| 2010        | 13 401       | 434       | 45                          | 344                   | 16                                    | 1 087 | 1 896        |

Table 67. Death rates of the leading

| Year   | Death rates by the  |               |                         |                   |          |
|--------|---------------------|---------------|-------------------------|-------------------|----------|
|        | Malignant neoplasms | Heart disease | Cerebrovascular disease | Diabetes mellitus | Accident |
| 1981   | 76.59               | 42.88         | 79.03                   | 8.98              | 64.64    |
| 1982   | 78.66               | 43.82         | 77.99                   | 10.82             | 60.37    |
| 1983   | 81.65               | 47.44         | 80.56                   | 12.63             | 60.25    |
| 1984   | 81.95               | 45.97         | 78.43                   | 14.24             | 61.25    |
| 1985   | 85.02               | 43.52         | 76.42                   | 15.31             | 58.97    |
| 1986 r | 85.55               | 51.42         | 76.78                   | 15.34             | 62.96    |
| 1987 r | 88.64               | 57.30         | 73.99                   | 16.80             | 66.57    |
| 1988 r | 92.14               | 54.76         | 76.14                   | 19.62             | 69.38    |
| 1989 r | 94.36               | 53.48         | 72.28                   | 19.33             | 70.22    |
| 1990 r | 91.63               | 56.87         | 70.06                   | 19.57             | 68.85    |
| 1991 r | 95.97               | 58.79         | 69.11                   | 20.58             | 66.66    |
| 1992 r | 101.47              | 62.91         | 69.35                   | 23.66             | 63.68    |
| 1993 r | 107.05              | 59.99         | 65.62                   | 25.74             | 63.65    |
| 1994 r | 110.58              | 56.93         | 64.77                   | 28.90             | 62.69    |
| 1995 r | 121.50              | 52.93         | 66.45                   | 33.97             | 61.05    |
| 1996 r | 130.41              | 52.58         | 65.03                   | 35.10             | 57.93    |
| 1997 r | 134.10              | 49.71         | 59.56                   | 34.67             | 52.22    |
| 1998 r | 134.00              | 50.51         | 58.18                   | 34.49             | 50.25    |
| 1999 r | 135.32              | 51.33         | 57.39                   | 40.99             | 58.88    |
| 2000 r | 142.23              | 47.56         | 60.10                   | 42.60             | 47.40    |
| 2001 r | 147.68              | 49.25         | 58.82                   | 40.79             | 42.58    |
| 2002 r | 152.88              | 50.93         | 53.46                   | 39.26             | 37.79    |
| 2003 r | 156.01              | 52.23         | 54.98                   | 44.38             | 36.30    |
| 2004 r | 160.54              | 56.79         | 54.48                   | 40.58             | 37.33    |
| 2005 r | 163.76              | 57.06         | 57.81                   | 46.20             | 36.80    |
| 2006 r | 166.49              | 53.82         | 55.19                   | 42.46             | 35.10    |
| 2007 r | 175.87              | 56.74         | 56.18                   | 44.64             | 31.11    |
| 2008 r | 169.20              | 68.38         | 46.37                   | 34.94             | 30.77    |
| 2009 r | 172.97              | 65.40         | 44.99                   | 35.66             | 31.88    |
| 2010   | 177.37              | 67.74         | 43.79                   | 35.48             | 28.82    |

Notes : <sup>1</sup> The nephritis, nephrotic syndrome and nephrosis were named as the nephritis and nephrosis before 1981.  
Data do not include Kinmen County and Lienchiang County before 1994.

**causes, infant and maternity**

| leading causes (Per 100 000 population) |                                     |  |         |                      | Infant mortality rate (Per 1 000 live births) | Maternal mortality rate (Per 100 000 live births) |
|---|-------------------------------------|--|---------|----------------------|---|---|
| Pneumonia                               | Chronic liver disease and Cirrhosis | Nephritis, Nephrotic Syndrome and Nephrosis <sup>1</sup> | Suicide | Hypertensive disease |   |   |
| 15.76                                   | 17.11                               | 12.96  | 11.34   | 17.51                | 8.86  | 19.38   |
| 12.31                                   | 16.95                               | 11.60  | 12.30   | 17.61                | 8.08  | 19.06   |
| 11.34                                   | 17.11                               | 11.59  | 12.00   | 18.47                | 7.64  | 17.01   |
| 9.59                                    | 16.65                               | 11.29  | 10.87   | 17.50                | 6.86  | 14.06   |
| 10.61                                   | 16.48                               | 11.53  | 11.92   | 18.08                | 6.78  | 9.85  |
| 12.29                                   | 16.63                               | 11.02  | 11.68   | 17.30                | 6.31  | 9.44  |
| 12.44                                   | 16.66                               | 10.80  | 9.46    | 15.76                | 5.06  | 8.91  |
| 13.08                                   | 17.85                               | 10.43  | 9.05    | 15.88                | 5.30  | 9.03  |
| 14.73                                   | 17.75                               | 10.47  | 7.86    | 14.83                | 5.73  | 12.75   |
| 16.60                                   | 17.82                               | 11.39  | 6.72    | 14.79                | 5.24  | 11.87   |
| 12.93                                   | 17.60                               | 12.35  | 7.16    | 12.18                | 5.06  | 7.80  |
| 14.07                                   | 18.15                               | 14.21  | 6.69    | 11.14                | 5.18  | 6.84  |
| 13.50                                   | 18.01                               | 13.71  | 6.24    | 10.96                | 4.79  | 8.90  |
| 13.71                                   | 19.74                               | 15.23  | 6.88    | 10.39                | 5.05  | 8.03  |
| 14.44                                   | 20.95                               | 16.55  | 7.61    | 12.30                | 6.49  | 7.66  |
| 14.92                                   | 21.50                               | 16.54  | 8.61    | 12.39                | 6.69  | 7.71  |
| 16.73                                   | 22.03                               | 16.20  | 10.04   | 12.07                | 6.37  | 9.23  |
| 20.37                                   | 22.62                               | 15.73  | 9.97    | 10.41                | 6.63  | 8.93  |
| 18.20                                   | 23.53                               | 15.78  | 10.36   | 8.43                 | 6.06  | 8.45  |
| 14.88                                   | 23.32                               | 17.45  | 11.14   | 7.22                 | 5.82  | 7.81  |
| 16.77                                   | 23.45                               | 18.15  | 12.45   | 7.90                 | 6.05  | 6.98  |
| 20.17                                   | 21.35                               | 18.55  | 13.59   | 8.67                 | 5.37  | 7.70  |
| 22.60                                   | 22.98                               | 19.08  | 14.16   | 8.17                 | 4.86  | 6.59  |
| 24.44                                   | 23.63                               | 20.67  | 15.31   | 7.97                 | 5.26  | 5.51  |
| 25.02                                   | 24.73                               | 21.21  | 18.84   | 8.32                 | 4.97  | 7.27  |
| 23.64                                   | 22.12                               | 20.65  | 19.30   | 7.96                 | 4.58  | 7.29  |
| 25.72                                   | 22.52                               | 22.25  | 17.16   | 8.63                 | 4.71  | 6.87  |
| 37.66                                   | 21.38                               | 17.45  | 17.95   | 15.25                | 4.57  | 6.62  |
| 36.22                                   | 21.31                               | 17.33  | 17.61   | 16.12                | 4.05  | 8.33  |
| 38.50                                   | 21.23                               | 17.74  | 16.81   | 18.04                | 4.23  | 4.20  |

**Table 68. Daily nutrient**

| Year   | Energy<br>(Calories) | Protein<br>(Grams) | Fat<br>(Grams) | Carbohydrate<br>(Grams) | Calcium<br>(Milligrams) |
|--------|----------------------|--------------------|----------------|-------------------------|-------------------------|
| 1980   | 2 811.8              | 79.2               | 85.6           | 420.5                   | 478.2                   |
| 1981   | 2 728.6              | 75.3               | 85.5           | 403.1                   | 461.2                   |
| 1982   | 2 749.2              | 76.6               | 90.4           | 396.6                   | 473.5                   |
| 1983   | 2 721.3              | 77.0               | 93.1           | 383.5                   | 467.1                   |
| 1984   | 2 592.9              | 78.8               | 80.8           | 379.1                   | 441.2                   |
| 1985   | 3 136.9              | 81.2               | 83.4           | 376.0                   | 458.9                   |
| 1986   | 2 725.5              | 84.2               | 92.3           | 380.7                   | 488.3                   |
| 1987   | 2 808.9              | 89.5               | 97.0           | 385.3                   | 505.1                   |
| 1988   | 2 821.7              | 88.3               | 98.5           | 386.4                   | 517.2                   |
| 1989   | 2 876.1              | 90.3               | 105.7          | 381.5                   | 539.4                   |
| 1990   | 2 908.5              | 92.8               | 109.6          | 377.8                   | 559.1                   |
| 1991   | 2 928.7              | 91.7               | 114.4          | 373.6                   | 582.4                   |
| 1992   | 2 946.8              | 94.1               | 115.2          | 372.9                   | 594.7                   |
| 1993   | 3 005.4              | 97.5               | 120.6          | 372.2                   | 608.8                   |
| 1994   | 3 058.3              | 96.7               | 125.0          | 375.0                   | 626.8                   |
| 1995   | 3 058.2              | 98.5               | 126.2          | 369.3                   | 645.7                   |
| 1996   | 3 053.7              | 98.6               | 126.7          | 368.4                   | 643.5                   |
| 1997   | 3 135.2              | 101.8              | 131.0          | 374.5                   | 654.6                   |
| 1998   | 2 973.6              | 95.9               | 121.0          | 362.6                   | 589.7                   |
| 1999   | 3 048.3              | 98.0               | 127.1          | 367.7                   | 618.4                   |
| 2000 r | 3 021.9              | 96.7               | 123.7          | 370.1                   | 601.3                   |
| 2001 r | 2 880.1              | 92.4               | 117.2          | 352.6                   | 576.8                   |
| 2002 r | 2 934.6              | 95.3               | 124.6          | 352.9                   | 614.5                   |
| 2003 r | 2 976.8              | 96.5               | 124.9          | 361.5                   | 600.6                   |
| 2004 r | 2 891.5              | 92.1               | 120.1          | 355.1                   | 577.3                   |
| 2005 r | 2 949.9              | 91.6               | 126.8          | 355.9                   | 572.7                   |
| 2006 r | 2 880.2              | 92.0               | 118.7          | 354.4                   | 580.7                   |
| 2007 r | 2 855.6              | 92.4               | 119.1          | 347.0                   | 565.6                   |
| 2008 r | 2 654.8              | 84.8               | 108.0          | 329.9                   | 515.5                   |
| 2009   | 2 766.9              | 87.6               | 111.8          | 345.4                   | 541.7                   |

Notes : Data do not include Kinmen County and Lienchiang County.

**consumption per capita**

| Phosphorus<br>(Milligrams) | Iron<br>(Milligrams) | Vitamin A value<br>(International unit) | Thiamine<br>(Milligrams) | Riboflavin<br>(Milligrams) | Niacin value<br>(Milligrams) | Ascorbic acid<br>(Milligrams) |
|----------------------------|----------------------|---|--------------------------|----------------------------|------------------------------|-------------------------------|
| 1 258.2                    | 13.6                 | 6 344.7                                 | 1.7                      | 1.0                        | 16.3                         | 131.2                         |
| 1 207.6                    | 13.2                 | 6 408.0                                 | 1.6                      | 0.9                        | 15.6                         | 128.8                         |
| 1 229.7                    | 13.3                 | 6 065.8                                 | 1.6                      | 1.0                        | 16.1                         | 126.3                         |
| 1 220.0                    | 13.3                 | 5 904.7                                 | 1.6                      | 1.0                        | 15.9                         | 119.2                         |
| 1 190.6                    | 11.0                 | 7 459.8                                 | 1.4                      | 1.1                        | 15.8                         | 134.2                         |
| 1 213.4                    | 11.3                 | 7 404.6                                 | 1.5                      | 1.2                        | 15.8                         | 133.0                         |
| 1 245.5                    | 12.0                 | 6 775.3                                 | 1.5                      | 1.2                        | 15.8                         | 127.7                         |
| 1 298.6                    | 12.6                 | 7 621.3                                 | 1.6                      | 1.3                        | 16.6                         | 140.9                         |
| 1 273.6                    | 12.6                 | 7 241.2                                 | 1.5                      | 1.3                        | 16.1                         | 142.6                         |
| 1 281.9                    | 12.6                 | 7 005.7                                 | 1.5                      | 1.3                        | 16.2                         | 138.4                         |
| 1 314.9                    | 13.0                 | 6 814.1                                 | 1.6                      | 1.3                        | 16.6                         | 132.2                         |
| 1 304.0                    | 12.9                 | 7 368.0                                 | 1.6                      | 1.4                        | 15.7                         | 138.4                         |
| 1 339.1                    | 13.4                 | 7 315.6                                 | 1.6                      | 1.5                        | 16.8                         | 132.9                         |
| 1 377.8                    | 13.7                 | 7 648.0                                 | 1.6                      | 1.5                        | 17.7                         | 141.7                         |
| 1 370.7                    | 13.9                 | 7 700.3                                 | 1.7                      | 1.5                        | 16.8                         | 133.9                         |
| 1 385.5                    | 14.2                 | 8 084.5                                 | 1.7                      | 1.6                        | 16.7                         | 141.4                         |
| 1 361.9                    | 14.2                 | 8 596.0                                 | 1.6                      | 1.6                        | 16.7                         | 143.9                         |
| 1 390.6                    | 14.2                 | 8 514.9                                 | 1.6                      | 1.6                        | 17.3                         | 157.8                         |
| 1 302.7                    | 12.8                 | 8 368.5                                 | 1.6                      | 1.5                        | 17.1                         | 141.4                         |
| 1 334.7                    | 13.3                 | 9 109.7                                 | 1.6                      | 1.6                        | 17.6                         | 167.0                         |
| 1 308.2                    | 13.2                 | 8 697.5                                 | 1.6                      | 1.6                        | 17.1                         | 150.9                         |
| 1 245.5                    | 12.7                 | 8 327.3                                 | 1.5                      | 1.5                        | 16.4                         | 149.0                         |
| 1 298.9                    | 13.9                 | 9 069.7                                 | 1.6                      | 1.6                        | 16.9                         | 160.6                         |
| 1 281.5                    | 14.1                 | 8 681.1                                 | 1.6                      | 1.5                        | 16.8                         | 156.3                         |
| 1 229.0                    | 13.5                 | 8 518.0                                 | 1.6                      | 1.5                        | 16.3                         | 153.5                         |
| 1 203.8                    | 13.6                 | 8 195.8                                 | 1.5                      | 1.4                        | 15.5                         | 140.8                         |
| 1 216.6                    | 13.6                 | 8 565.4                                 | 1.6                      | 1.5                        | 15.6                         | 152.4                         |
| 1 216.0                    | 13.4                 | 8 059.1                                 | 1.5                      | 1.4                        | 15.6                         | 139.5                         |
| 1 114.7                    | 13.1                 | 7 885.8                                 | 1.4                      | 1.3                        | 14.5                         | 139.5                         |
| 1 158.4                    | 13.0                 | 8 297.3                                 | 1.5                      | 1.3                        | 15.1                         | 136.4                         |





## ENVIRONMENT

This chapter includes information on air pollution, pollution of rivers, environmental noise monitoring, clearance of municipal solid waste, budget of environmental agencies, pollution inspection and administrative penalty, and water withdrawal. Data on environment come from the official statistics contained in the *Yearbook of Environmental Protection Statistics, Republic of China* published by the Environmental Protection Administration, Executive Yuan. Data on natural protected area and water withdrawal are from the Council of Agriculture, Executive Yuan and Water Resources Agency, Ministry of Economic Affairs respectively.

Pollutants Standard Index (PSI) -- The procedure to calculate the PSI is as follows: First, each of the air pollutants -- including suspended particulate with a diameter less than 10 $\mu$ m, sulfur dioxide density, nitrogen dioxide density, carbon monoxide density, and ozone density -- monitored in the air by one of the 57 monitoring stations scattered in Taiwan Area is converted to the PSI sub-index value. Second, the largest one picked from the 5 PSI sub-index values calculated by the station for a day is to serve as the PSI for the station on the specific day.

**PSI value cross reference table**

| PSI value | PM <sub>10</sub><br>24-hr.<br>Average | SO <sub>2</sub><br>24-hr.<br>Average | CO<br>8-hr.<br>Maximum of Average | O <sub>3</sub><br>1-hr.<br>Maximum | NO <sub>2</sub><br>1-hr.<br>Maximum |
|-----------|---------------------------------------|--------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|
|           | $\mu\text{g}/\text{m}^3$              | ppm                                  | ppm                               | ppm                                | ppm                                 |
| 50        | 50                                    | 0.03                                 | 4.5                               | 0.06                               | -                                   |
| 100       | 150                                   | 0.14                                 | 9                                 | 0.12                               | -                                   |
| 200       | 350                                   | 0.30                                 | 15                                | 0.2                                | 0.6                                 |
| 300       | 420                                   | 0.60                                 | 30                                | 0.4                                | 1.2                                 |
| 400       | 500                                   | 0.80                                 | 40                                | 0.5                                | 1.6                                 |
| 500       | 600                                   | 1.00                                 | 50                                | 0.6                                | 2.0                                 |

Pollution Level of Major River -- The pollution level of river is measured by the average points converted from dissolved oxygen (DO), biological oxygen demand (BOD<sub>5</sub>), suspended solid (SS), and ammonium nitrate (NH<sub>3</sub>-N) found in water.

**Level of river pollution**

| Category           | Degree   | Non - polluted |      | Light - polluted |        | Medium - polluted |         | Heavy - polluted |       |
|--------------------|----------|----------------|------|------------------|--------|-------------------|---------|------------------|-------|
|                    |          | Under          | Over | Under            | Over   | Under             | Over    | Under            | Over  |
| DO                 | (mg / L) | Under          | 6.5  | 4.6              | ~ 6.5  | 2.0               | ~ 4.5   | Under            | 2.0   |
| BOD <sub>5</sub>   | (mg / L) | Under          | 3.0  | 3.0              | ~ 4.9  | 5.0               | ~ 15.0  | Over             | 15.0  |
| SS                 | (mg / L) | Under          | 20.0 | 20               | ~ 49.0 | 50                | ~ 100.0 | Over             | 100.0 |
| NH <sub>3</sub> -N | (mg / L) | Under          | 0.5  | 0.5              | ~ 0.99 | 1.0               | ~ 3.0   | Over             | 3.0   |
| Points             |          | 1              |      | 3                |        | 6                 |         | 10               |       |
| Average            |          | Under          | 2.0  | 2.0              | ~ 3.0  | 3.1               | ~ 6.0   | Over             | 6.0   |

Notes: (1) The average is adopted for each category of dissolved oxygen, biological oxygen demand, suspended solid, and ammonium nitrate.

(2) For example, tests are conducted to measure the dissolved oxygen, biological oxygen demand, suspended solid, and ammonium nitrate. If the average of the points measured in the tests or all of the four categories exceed 6.0, the water is "heavy-polluted".

Table 69. Nature protected areas

| End of Year | Total sizes<br>(Hectares) | Total sizes as %<br>of national territory<br>(%) | Protected area per<br>1 000 inhabitants<br>(Ha./1 000 Persons) |
|-------------|---------------------------|--|--|
| 1981        | 58 487                    | 1.6  | 3.2  |
| 1982        | 58 487                    | 1.6  | 3.2  |
| 1983        | 58 487                    | 1.6  | 3.1  |
| 1984        | 92 289                    | 2.1  | 4.8  |
| 1985        | 209 234                   | 5.4  | 10.8   |
| 1986        | 302 524                   | 7.9  | 15.5   |
| 1987        | 302 524                   | 7.9  | 15.3   |
| 1988        | 349 524                   | 9.2  | 17.5   |
| 1989        | 349 524                   | 9.2  | 17.3   |
| 1990        | 349 524                   | 9.2  | 17.1   |
| 1991        | 351 250                   | 9.3  | 17.0   |
| 1992        | 450 655                   | 12.0   | 21.7   |
| 1993        | 451 276                   | 12.1   | 21.5   |
| 1994        | 451 959                   | 12.1   | 21.3   |
| 1995        | 458 684                   | 12.3   | 21.5   |
| 1996        | 458 864                   | 12.3   | 21.3   |
| 1997        | 451 821                   | 12.1   | 20.8   |
| 1998        | 463 502                   | 12.4   | 21.1   |
| 1999        | 463 573                   | 12.4   | 21.0   |
| 2000        | 691 731                   | 18.7   | 31.1   |
| 2001        | 693 874                   | 18.7   | 31.0   |
| 2002        | 694 508                   | 18.8   | 30.8   |
| 2003        | 695 258                   | 18.8   | 30.8   |
| 2004        | 695 959                   | 18.8   | 30.7   |
| 2005        | 695 875                   | 18.8   | 30.6   |
| 2006        | 695 660                   | 18.8   | 30.4   |
| 2007        | 1 049 328                 | 18.8   | 45.7   |
| 2008        | 1 051 148                 | 18.8   | 45.6   |
| 2009        | 1 089 234                 | 18.9   | 47.1   |
| 2010        | 1 089 233                 | 18.9   | 47.0   |

Notes : 1.Total size as % of national territory and protected area per 1000 inhabitants excluded maritime area.

2.Nature protected areas include marine area 11.74 ha. , wildlife refuges and major wildlife habitats include marine area 295.88 ha. respectively, and national parks include marine area 403,105.04 ha. in 2009.

**Table 70. Emissions of greenhouse gases by kind**10<sup>3</sup>M.T. CO<sub>2</sub> equivalent

| Year | Total   | Carbon dioxide (CO <sub>2</sub> ) | Methane (CH <sub>4</sub> ) | Nitrous oxide (N <sub>2</sub> O) | Hydrofluorocarbons (HFCs) | Perfluorocarbons (PFCs) | Sulphur hexafluoride (SF <sub>6</sub> ) |
|------|---------|-----------------------------------|----------------------------|----------------------------------|---------------------------|-------------------------|---|
| 1995 | 198 406 | 167 270                           | 15 545                     | 13 902                           | 1 689                     | NE                      | NE                                      |
| 1996 | 208 193 | 175 729                           | 15 495                     | 14 217                           | 2 752                     | NE                      | NE                                      |
| 1997 | 219 847 | 188 925                           | 15 447                     | 12 360                           | 3 115                     | NE                      | NE                                      |
| 1998 | 229 760 | 198 312                           | 15 149                     | 11 908                           | 4 391                     | NE                      | NE                                      |
| 1999 | 237 438 | 207 128                           | 14 660                     | 12 258                           | 3 392                     | NE                      | NE                                      |
| 2000 | 256 611 | 224 621                           | 11 028                     | 12 443                           | 5 639                     | 2 386                   | 494                                     |
| 2001 | 260 163 | 230 547                           | 9 200                      | 12 437                           | 5 412                     | 2 021                   | 546                                     |
| 2002 | 267 547 | 239 575                           | 7 250                      | 12 205                           | 5 415                     | 2 509                   | 593                                     |
| 2003 | 274 629 | 248 563                           | 6 196                      | 11 205                           | 4 920                     | 2 776                   | 969                                     |
| 2004 | 283 470 | 257 185                           | 5 920                      | 11 734                           | 4 494                     | 2 852                   | 1 285                                   |
| 2005 | 287 241 | 263 756                           | 4 979                      | 11 461                           | 1 647                     | 2 505                   | 2 893                                   |
| 2006 | 294 526 | 271 688                           | 4 486                      | 11 674                           | 1 028                     | 2 657                   | 2 993                                   |
| 2007 | 296 826 | 274 997                           | 4 127                      | 11 429                           | 1 031                     | 2 309                   | 2 933                                   |
| 2008 | 284 498 | 263 589                           | 4 727                      | 10 839                           | 1 001                     | 1 498                   | 2 844                                   |
| 2009 | 264 861 | 251 060                           | 2 969                      | 3 712                            | 4 001                     | 1 143                   | 1 976                                   |

Notes : NE(Not Estimated) means that there is not enough data to gather statistics.

**Table 71. Carbon dioxide emissions**10<sup>3</sup>M.T.

| Year | Total   | Energy use by sectors <sup>1</sup> |         |            |                |              |          |             | Industrial process |
|------|---------|------------------------------------|---------|------------|----------------|--------------|----------|-------------|--------------------|
|      |         | Subtotal                           | Energy  | Industrial | Transportation | Agricultural | Services | Residential |                    |
| 1996 | 175 729 | 161 599                            | 85 537  | 35 918     | 29 498         | 2 775        | 3 142    | 4 728       | 14 130             |
| 1997 | 188 925 | 173 998                            | 96 466  | 37 575     | 30 226         | 2 449        | 2 457    | 4 825       | 14 927             |
| 1998 | 198 312 | 185 375                            | 105 761 | 38 232     | 31 521         | 2 020        | 2 916    | 4 925       | 12 937             |
| 1999 | 207 128 | 195 382                            | 113 250 | 39 172     | 32 439         | 2 019        | 3 122    | 5 381       | 11 746             |
| 2000 | 224 621 | 215 449                            | 129 723 | 42 007     | 32 870         | 2 337        | 3 187    | 5 326       | 9 172              |
| 2001 | 230 547 | 219 825                            | 134 861 | 40 946     | 32 909         | 2 429        | 3 526    | 5 153       | 10 722             |
| 2002 | 239 575 | 227 818                            | 138 900 | 43 757     | 34 191         | 2 433        | 3 457    | 5 079       | 11 757             |
| 2003 | 248 563 | 237 177                            | 149 164 | 42 309     | 34 159         | 2 782        | 3 920    | 4 843       | 11 386             |
| 2004 | 257 185 | 245 209                            | 155 160 | 42 610     | 35 496         | 2 946        | 4 077    | 4 920       | 11 976             |
| 2005 | 263 756 | 251 636                            | 161 938 | 41 425     | 36 472         | 2 599        | 4 203    | 4 998       | 12 120             |
| 2006 | 271 688 | 259 180                            | 169 335 | 42 750     | 36 400         | 1 630        | 4 232    | 4 834       | 12 508             |
| 2007 | 274 997 | 262 811                            | 173 040 | 44 592     | 35 064         | 1 080        | 4 185    | 4 850       | 12 186             |
| 2008 | 263 589 | 252 025                            | 167 400 | 41 187     | 33 093         | 1 356        | 4 192    | 4 798       | 11 564             |
| 2009 | 251 060 | 239 526                            | 157 961 | 38 169     | 33 435         | 993          | 4 218    | 4 749       | 11 534             |
| 2010 | ...     | 254 484                            | 167 320 | 42 775     | 34 565         | 938          | 4 146    | 4 741       | ...                |

Notes : <sup>1</sup>CO<sub>2</sub> emissions are from fuel combustion only.

**Table 72. Concentration**

| Year   | Dustfall<br>(Ton/Km <sup>2</sup> /Month) | Total suspended particulates<br>(µg/m <sup>3</sup> ) | Suspended particulates<br>(µg/m <sup>3</sup> ) | Sulfur Dioxide |
|--------|--|--|--|----------------|
| 2001   | 5.41                                     | 98.15  | 57.87  | 4.363          |
| 2002   | 5.22                                     | 94.74  | 54.28  | 3.582          |
| 2003   | 4.79                                     | 93.06  | 55.03  | 3.386          |
| 2004   | 5.77                                     | 98.33  | 62.13  | 4.082          |
| 2005   | 5.86                                     | 92.97  | 62.75  | 5.181          |
| 2006   | 5.97                                     | 86.65  | 59.68  | 4.609          |
| 2007   | 5.92                                     | 82.27  | 59.09  | 4.533          |
| 2008   | 4.87                                     | 80.66  | 58.07  | 4.353          |
| 2009 r | 5.04                                     | 78.74  | 58.99  | 4.030          |
| 2010   | 5.11                                     | 72.40  | 56.38  | 4.070          |

Notes : Data referred to general air quality monitoring stations; Data do not include Kinmen County and Lienchiang County.

**Table 73. Pollutant**

| Year | Number of days<br>monitored<br>(Days) | PSI (Days)   |                    |                        |                             |                    | The ratio of<br>days with PSI ><br>100 to days<br>monitored (%) |
|------|---------------------------------------|--------------|--------------------|------------------------|-----------------------------|--------------------|---|
|      |                                       | Good<br>0-50 | Moderate<br>51-100 | Unhealthful<br>101-200 | Very unhealthful<br>201-300 | Hazardous<br>≥ 301 |   |
| 1996 | 20 692                                | 8 209        | 11 123             | 1 351                  | 9                           | -                  | 6.6   |
| 1997 | 20 688                                | 8 341        | 11 216             | 1 126                  | 5                           | -                  | 5.5   |
| 1998 | 20 722                                | 9 813        | 9 863              | 1 042                  | 4                           | -                  | 5.1   |
| 1999 | 20 647                                | 9 557        | 10 035             | 1 054                  | 1                           | -                  | 5.1   |
| 2000 | 20 760                                | 9 609        | 10 101             | 1 050                  | -                           | -                  | 5.1   |
| 2001 | 20 699                                | 8 985        | 11 011             | 703                    | -                           | -                  | 3.4   |
| 2002 | 20 722                                | 8 738        | 11 321             | 662                    | 1                           | -                  | 3.2   |
| 2003 | 20 195                                | 8 551        | 11 117             | 527                    | -                           | -                  | 2.6   |
| 2004 | 20 598                                | 7 950        | 11 700             | 948                    | -                           | -                  | 4.6   |
| 2005 | 20 713                                | 8 236        | 11 554             | 921                    | 2                           | -                  | 4.5   |
| 2006 | 20 760                                | 8 578        | 11 319             | 863                    | -                           | -                  | 4.2   |
| 2007 | 20 759                                | 8 444        | 11 481             | 831                    | 3                           | -                  | 4.0   |
| 2008 | 20 779                                | 8 737        | 11 425             | 615                    | 1                           | 1                  | 3.0   |
| 2009 | 20 799                                | 8 262        | 11 864             | 660                    | 7                           | 6                  | 3.2   |
| 2010 | 20 771                                | 9 059        | 11 262             | 380                    | 14                          | 56                 | 2.2   |

Notes : Data referred to general air quality monitoring stations; Data do not include Kinmen County and Lienchiang County.

**of air pollutants**

ppb

| Carbon monoxide | Nitrogen dioxide | Hydrocarbons<br>(Non-methane) | Ozone  |
|-----------------|------------------|-------------------------------|--------|
| 726.42          | 21.381           | 373.82                        | 56.614 |
| 603.04          | 19.282           | 257.30                        | 59.763 |
| 619.07          | 18.684           | 390.98                        | 59.700 |
| 549.10          | 20.304           | 364.32                        | 61.470 |
| 537.98          | 18.457           | 269.41                        | 56.977 |
| 515.78          | 18.058           | 258.88                        | 59.739 |
| 511.44          | 17.868           | 269.07                        | 60.126 |
| 470.25          | 16.896           | 255.22                        | 58.471 |
| 446.46          | 16.149           | 216.61                        | 59.895 |
| 459.45          | 16.953           | 242.28                        | 57.379 |

**standard indices (PSI)**

Days of PSI &gt; 100 based upon each pollutant (or pollutant combination) as % of total days with PSI &gt; 100 (%)

| Suspended particulates | Sulfur dioxide | Carbon monoxide | Ozone | Nitrogen dioxide |
|------------------------|----------------|-----------------|-------|------------------|
| 61.0                   | -              | -               | 39.0  | -                |
| 44.7                   | -              | -               | 55.3  | -                |
| 42.7                   | -              | -               | 57.3  | -                |
| 43.2                   | -              | -               | 56.8  | -                |
| 60.1                   | -              | -               | 39.9  | -                |
| 36.8                   | -              | -               | 63.2  | -                |
| 21.4                   | -              | -               | 78.6  | -                |
| 23.7                   | -              | -               | 76.3  | -                |
| 32.8                   | -              | -               | 67.2  | -                |
| 42.6                   | -              | -               | 57.4  | -                |
| 40.8                   | -              | -               | 59.2  | -                |
| 25.9                   | -              | -               | 74.1  | -                |
| 40.2                   | -              | -               | 59.8  | -                |
| 38.9                   | -              | -               | 61.1  | -                |
| 53.1                   | -              | -               | 46.9  | -                |

Table 74. General quality of major rivers

mg/l

| Year and river    | DO  | BOD <sub>5</sub> | SS      | NH <sub>3</sub> -N |
|-------------------|-----|------------------|---------|--------------------|
| 1996              | 5.7 | 7.3              | 122.6   | 4.7                |
| 1997              | 5.9 | 6.6              | 124.6   | 3.5                |
| 1998              | 6.1 | 5.4              | 122.9   | 3.1                |
| 1999              | 7.1 | 4.1              | 114.2   | 1.8                |
| 2000              | 7.0 | 4.2              | 93.8    | 2.3                |
| 2001              | 6.1 | 6.6              | 191.2   | 4.2                |
| 2002              | 6.0 | 6.8              | 109.5   | 3.7                |
| 2003              | 5.9 | 7.2              | 120.1   | 3.8                |
| 2004              | 6.6 | 5.9              | 171.8   | 3.5                |
| 2005              | 7.0 | 4.5              | 203.7   | 2.4                |
| 2006              | 7.6 | 3.2              | 206.4   | 2.1                |
| 2007              | 7.7 | 3.0              | 200.4   | 2.2                |
| 2008              | 7.7 | 2.6              | 165.5   | 1.7                |
| 2009              | 7.9 | 2.8              | 206.0   | 1.7                |
| 2010              | 7.7 | 2.8              | 154.5   | 1.7                |
| Danshui river     | 6.0 | 3.6              | 19.7    | 1.6                |
| Lanyang stream    | 8.4 | 1.0              | 276.3   | 0.0                |
| Fengshan stream   | 8.6 | 2.1              | 14.0    | 0.4                |
| Touchien stream   | 9.4 | 1.1              | 9.6     | 0.1                |
| Chungkang stream  | 7.2 | 4.6              | 16.9    | 2.5                |
| Houlung stream    | 8.1 | 2.9              | 26.4    | 0.3                |
| Taan stream       | 9.1 | 0.9              | 16.6    | 0.1                |
| Tachia stream     | 9.1 | 1.3              | 32.2    | 0.1                |
| Wu stream         | 7.6 | 3.0              | 219.0   | 0.9                |
| Choshui stream    | 8.4 | 1.0              | 690.6   | 0.1                |
| Peikang stream    | 5.3 | 7.9              | 142.8   | 4.7                |
| Potzu stream      | 6.8 | 2.9              | 68.5    | 5.8                |
| Pachang stream    | 7.5 | 2.3              | 184.9   | 1.3                |
| Chishui stream    | 4.2 | 5.4              | 78.8    | 5.1                |
| Tsengwen stream   | 7.9 | 1.4              | 48.2    | 0.2                |
| Yenshui stream    | 5.0 | 11.9             | 47.0    | 7.0                |
| Erhjen stream     | 2.9 | 16.6             | 116.8   | 21.0               |
| Akungdiaun stream | 4.3 | 10.1             | 59.9    | 25.9               |
| Kaoping stream    | 7.2 | 2.5              | 751.8   | 1.5                |
| Tung kang stream  | 4.7 | 3.2              | 46.2    | 3.0                |
| Szuchung stream   | 8.8 | 0.8              | 24.9    | 0.1                |
| Peinan stream     | 8.3 | 0.6              | 2 421.0 | 0.1                |
| Hsiukuluan stream | 8.7 | 0.9              | 231.6   | 0.1                |
| Hualien stream    | 8.8 | 0.7              | 60.9    | 0.0                |
| Hoping stream     | 9.0 | 1.2              | 796.3   | 0.0                |

Notes : Data do not include Kinmen County and Lienchiang County.

Table 75. Pollution level of major rivers

%

| Year and river    | Non-polluted | Light-polluted | Medium-polluted | Heavy-polluted |
|-------------------|--------------|----------------|-----------------|----------------|
| 1996              | 62.4         | 10.4           | 12.3            | 14.9           |
| 1997              | 64.4         | 10.1           | 13.5            | 12.0           |
| 1998              | 64.3         | 9.3            | 15.1            | 11.3           |
| 1999              | 66.2         | 7.6            | 14.2            | 12.0           |
| 2000              | 63.6         | 12.0           | 12.3            | 12.1           |
| 2001              | 61.7         | 9.8            | 15.4            | 13.2           |
| 2002              | 62.4         | 12.0           | 11.5            | 14.0           |
| 2003              | 59.4         | 13.4           | 11.3            | 15.8           |
| 2004              | 64.0         | 9.8            | 18.5            | 7.6            |
| 2005              | 64.2         | 9.9            | 19.7            | 6.2            |
| 2006              | 65.5         | 9.0            | 19.5            | 6.0            |
| 2007              | 61.8         | 7.9            | 23.6            | 6.7            |
| 2008              | 65.2         | 9.0            | 21.5            | 4.2            |
| 2009              | 67.2         | 8.1            | 18.9            | 5.9            |
| 2010              | 62.6         | 7.4            | 24.6            | 5.5            |
| Danshui river     | 68.4         | 10.1           | 14.0            | 7.5            |
| Lanyang stream    | 99.6         | 0.4            | -               | -              |
| Fengshan stream   | 93.6         | 3.0            | 3.3             | -              |
| Touchien stream   | 94.0         | 6.0            | -               | -              |
| Chungkang stream  | 88.4         | 2.2            | 4.1             | 5.3            |
| Houlung stream    | 60.2         | 16.3           | 23.5            | -              |
| Taan stream       | 100.0        | -              | -               | -              |
| Tachia stream     | 98.4         | 0.9            | 0.2             | 0.5            |
| Wu stream         | 91.6         | 4.9            | 3.5             | -              |
| Choshui stream    | 100.0        | -              | -               | -              |
| Peikang stream    | -            | 1.4            | 61.2            | 37.4           |
| Potzu stream      | 32.7         | 2.4            | 61.5            | 3.4            |
| Pachang stream    | 38.4         | 24.7           | 36.0            | 0.9            |
| Chishui stream    | 19.8         | 6.5            | 50.8            | 22.9           |
| Tsengwen stream   | 71.4         | 13.4           | 15.2            | -              |
| Yenshui stream    | 18.7         | 8.1            | 40.5            | 32.7           |
| Erhjen stream     | 14.0         | 17.5           | 42.2            | 26.3           |
| Akungdiaun stream | -            | -              | 32.2            | 67.8           |
| Kaoping stream    | 12.2         | 1.3            | 84.1            | 2.3            |
| Tungkang stream   | 11.7         | 39.1           | 40.3            | 8.9            |
| Szuchung stream   | 83.3         | 10.3           | 6.4             | -              |
| Peinan stream     | 100.0        | -              | -               | -              |
| Hsiukuluan stream | 60.8         | 10.1           | 29.1            | -              |
| Hualien stream    | 59.3         | 16.3           | 24.4            | -              |
| Hoping stream     | 91.7         | -              | 8.3             | -              |

Notes : Data do not include Kinmen County and Lienchiang County.

**Table 76. Over-standard time**

| Year | Over-standard percentage of environmental noise |         |         |         |       |
|------|---|---------|---------|---------|-------|
|      | Total   | Morning | Day     | Evening | Night |
| 2001 | 32.69   | 27.88   | 25.00   | 35.58   | 42.31 |
| 2002 | 24.55   | 18.18   | 15.45   | 25.45   | 39.09 |
| 2003 | 17.55   | 15.38   | 11.54   | 17.31   | 25.96 |
| 2004 | 15.14   | 10.88   | 7.48    | 17.69   | 24.49 |
| 2005 | 13.62   | 11.72   | 5.52    | 15.86   | 21.38 |
| 2006 | 13.00   | 11.33   | 7.33    | 14.67   | 18.67 |
| 2007 | 11.72   | 9.66    | 9.66    | 8.97    | 18.62 |
| 2008 | 10.13   | 8.50    | 3.92    | 11.11   | 16.99 |
| 2009 | 6.67  | 7.33    | 4.67    | 6.67    | 8.00  |
| Year | Over-standard percentage of environmental noise |         |         |         |       |
|      | Total   | Day     | Evening | Night   |       |
| 2010 | 3.91  | 3.45    | 2.76    | 5.52    |       |

**Notes :** Data of the noise time frames in a day, 24 hours, are divided into morning, day, evening and night before 2010.  
Thereafter, they are divided into day, evening and night.

**Table 77. Clearance of municipal**

| Fiscal year | Garbage generated <sup>1</sup><br>(1 000 tonnes) |                            | Garbage clearance<br>(1 000 tonnes) |                            | Municipal |
|-------------|--|----------------------------|-------------------------------------|----------------------------|-----------|
|             |  | Per capita per day<br>(Kg) |                                     | Per capita per day<br>(Kg) |           |
| 1996        | 8 736  | 1.14                       | 8 736                               | 1.14                       | ...       |
| 1997        | 8 881  | 1.14                       | 8 881                               | 1.14                       | ...       |
| 1998        | 8 992  | 1.15                       | 8 880                               | 1.14                       | 1.3       |
| 1999        | 8 716  | 1.10                       | 8 566                               | 1.08                       | 1.9       |
| 2000        | 8 353  | 1.04                       | 7 876                               | 0.98                       | 5.8       |
| 2001        | 7 839  | 0.97                       | 7 255                               | 0.90                       | 7.5       |
| 2002        | 7 602  | 0.94                       | 6 724                               | 0.83                       | 11.6      |
| 2003        | 7 355  | 0.90                       | 6 139                               | 0.75                       | 16.5      |
| 2004        | 7 555  | 0.91                       | 5 863                               | 0.71                       | 22.4      |
| 2005        | 7 775  | 0.94                       | 5 525                               | 0.67                       | 28.9      |
| 2006 r      | 7 739  | 0.93                       | 5 033                               | 0.61                       | 35.0      |
| 2007        | 7 976  | 0.95                       | 4 873                               | 0.58                       | 38.9      |
| 2008        | 7 608  | 0.90                       | 4 374                               | 0.52                       | 42.5      |
| 2009 r      | 7 729  | 0.92                       | 4 223                               | 0.50                       | 45.4      |
| 2010        | 7 871  | 0.93                       | 4 073                               | 0.48                       | 48.3      |

**Notes :** <sup>1</sup>Data refer to garbage clearance before 1998.  
Data do not include Kinmen County and Lienchiang County before 2004.



**frames of noise monitoring**

%

| Over-standard percentage of traffic noise |         |      |         |       |  |
|---|---------|------|---------|-------|--|
| Total                                     | Morning | Day  | Evening | Night |  |
| 8.19                                      | 7.08    | 6.19 | 9.73    | 9.73  |  |
| 3.68                                      | 1.55    | 2.33 | 5.43    | 5.43  |  |
| 2.46                                      | 1.64    | 1.64 | 4.10    | 2.46  |  |
| 2.98                                      | 1.79    | 1.19 | 5.36    | 3.57  |  |
| 1.52                                      | 0.61    | -    | 3.05    | 2.44  |  |
| 1.52                                      | 1.22    | 0.61 | 1.83    | 2.44  |  |
| 1.54                                      | 1.23    | 1.23 | 2.47    | 1.23  |  |
| 1.40                                      | 1.24    | 1.24 | 1.86    | 1.24  |  |
| 2.11                                      | 1.81    | 2.41 | 2.41    | 1.81  |  |
| Over-standard percentage of traffic noise |         |      |         |       |  |
| Total                                     | Day     |      | Evening | Night |  |
| 0.63                                      | 0.63    |      | 0.63    | 0.63  |  |

**solid waste by all organizations**

| waste recycling rate(%) |                           |                                   | Garbage disposal rate (%) | Solid waste collection & treatment personnel (Persons) | Equipment for collection & disposal of solid waste (Vehicles) |
|-------------------------|---------------------------|-----------------------------------|---------------------------|--|---|
| Garbage recycling rate  | Food waste recycling rate | Bulk waste recycling & reuse rate |                           |  |   |
| ...                     | ...                       | ...                               | 70.9                      | 28 994   | 8 251   |
| ...                     | ...                       | ...                               | 77.0                      | 29 620   | 8 619   |
| 1.3                     | ...                       | ...                               | 82.9                      | 30 192   | 9 270   |
| 1.9                     | ...                       | ...                               | 86.7                      | 30 585   | 9 745   |
| 5.8                     | ...                       | ...                               | 90.2                      | 31 512   | 10 862  |
| 7.5                     | ...                       | ...                               | 93.4                      | 29 434   | 11 343  |
| 11.6                    | ...                       | ...                               | 96.2                      | 29 526   | 11 979  |
| 14.3                    | 2.3                       | ...                               | 98.2                      | 32 041   | 11 524  |
| 18.4                    | 4.0                       | ...                               | 98.9                      | 31 728   | 12 382  |
| 22.6                    | 6.0                       | 0.4                               | 99.5                      | 32 264   | 12 638  |
| 27.2                    | 7.4                       | 0.4                               | 99.8                      | 32 344   | 12 952  |
| 30.2                    | 8.3                       | 0.4                               | 99.6                      | 32 588   | 14 233  |
| 32.8                    | 9.1                       | 0.6                               | 100.0                     | 32 588   | 14 794  |
| 35.2                    | 9.3                       | 0.9                               | 100.0                     | 33 158   | 14 666  |
| 37.5                    | 9.8                       | 1.0                               | 100.0                     | 33 545   | 14 937  |

Table 78. Budget of

| Fiscal year & district | Expenditure on environmental protection as % of GDP | Total <sup>1</sup> | Ordinary administration | Comprehensive planning | Research & Development | Air quality protection | Noise control |
|------------------------|---|--------------------|-------------------------|------------------------|------------------------|------------------------|---------------|
| 2002                   | 0.42  | 43 428 720         | 6 281 233               | 247 887                | 52 435                 | 201 039                | 63 798        |
| 2003                   | 0.42  | 45 406 142         | 5 778 826               | 301 284                | 59 212                 | 297 794                | 56 166        |
| 2004                   | 0.39  | 44 571 107         | 6 217 207               | 282 894                | 82 210                 | 158 303                | 60 730        |
| 2005                   | 0.39  | 46 114 713         | 6 058 420               | 622 568                | 78 112                 | 123 887                | 79 362        |
| 2006                   | 0.37  | 45 382 534         | 6 401 331               | 329 025                | 55 292                 | 119 861                | 73 627        |
| 2007                   | 0.34  | 43 722 985         | 6 585 951               | 308 165                | 78 129                 | 109 383                | 104 939       |
| 2008 r                 | 0.36  | 45 002 263         | 6 956 058               | 336 707                | 96 248                 | 19 536                 | 74 399        |
| 2009                   | 0.37  | 46 714 821         | 7 043 420               | 419 165                | 186 289                | 12 707                 | 74 883        |
| 2010 r                 | 0.35  | 48 007 788         | 7 635 163               | 394 956                | 140 282                | 36 044                 | 63 568        |
| 2011                   | 0.33  | 46 310 570         | 7 475 882               | 348 812                | 172 323                | 45 812                 | 66 602        |
| E.P.A.                 | ...   | 6 395 430          | 771 901                 | 145 058                | 59 663                 | 11 122                 | 20 322        |
| New Taipei City        | ...   | 8 078 825          | 343 787                 | 45 033                 | 112 660                | 12 082                 | 5 212         |
| Taipei City            | ...   | 6 774 512          | 356 677                 | -                      | -                      | 1 396                  | 16 288        |
| Taichung City          | ...   | 4 302 242          | 1 797 095               | 17 073                 | -                      | 5 850                  | 4 129         |
| Tainan City            | ...   | 2 684 008          | 460 642                 | 7 155                  | -                      | 1 292                  | 2 580         |
| Kaohsiung City         | ...   | 4 589 515          | 1 017 352               | 8 215                  | -                      | -                      | 269           |
| Yilan County           | ...   | 548 897            | 107 868                 | 1 975                  | -                      | 5 000                  | 93            |
| Taoyuan County         | ...   | 3 307 461          | 403 232                 | 53 402                 | -                      | 5 082                  | 6 350         |
| Hsinchu County         | ...   | 691 883            | 120 542                 | 9 572                  | -                      | -                      | 201           |
| Miaoli County          | ...   | 890 107            | 116 865                 | 14 922                 | -                      | -                      | 4 549         |
| Changhwa County        | ...   | 1 193 245          | 188 367                 | 6 135                  | -                      | 3 549                  | -             |
| Nantou County          | ...   | 563 452            | 50 649                  | 2 604                  | -                      | -                      | 14            |
| Yunlin County          | ...   | 910 728            | 98 452                  | 5 806                  | -                      | 247                    | -             |
| Chiayi County          | ...   | 590 106            | 50 194                  | 2 080                  | -                      | 189                    | 125           |
| Pingtung County        | ...   | 1 280 650          | 204 492                 | 3 461                  | -                      | -                      | 535           |
| Taitung County         | ...   | 513 813            | 243 418                 | -                      | -                      | -                      | -             |
| Hualien County         | ...   | 453 078            | 124 299                 | 2 313                  | -                      | -                      | 2 762         |
| Penghu County          | ...   | 180 144            | 27 791                  | -                      | -                      | -                      | -             |
| Keelung City           | ...   | 780 873            | 461 141                 | 11 969                 | -                      | -                      | 2 062         |
| Hsinchu City           | ...   | 787 252            | 315 661                 | 8 184                  | -                      | 3                      | 847           |
| Chiayi City            | ...   | 464 500            | 117 760                 | 596                    | -                      | -                      | 264           |
| Kinmen County          | ...   | 292 139            | 89 036                  | 3 099                  | -                      | -                      | -             |
| Lienchiang County      | ...   | 37 710             | 8 661                   | 160                    | -                      | -                      | -             |

Notes : <sup>1</sup>Refer to budget of environmental protection.

Data do not include Kinmen County and Lienchiang County before 2005.

**environmental agencies**

Thousand NT\$

| Water quality protection | Solid waste management | Sanitation & toxic chemicals control | Performance evaluation & dispute settlement | Environmental monitoring & data processing | Environmental analysis | Construct & equipment | Others  |
|--------------------------|------------------------|--------------------------------------|---|--|------------------------|-----------------------|---------|
| 1 412 000                | 29 758 543             | 891 813                              | 782 952                                     | 378 362                                    | 118 388                | 2 634 479             | 605 791 |
| 1 157 505                | 32 060 957             | 731 991                              | 805 230                                     | 280 464                                    | 131 958                | 2 845 740             | 899 015 |
| 803 800                  | 31 961 175             | 729 460                              | 786 189                                     | 365 590                                    | 131 129                | 2 710 244             | 282 176 |
| 1 747 512                | 32 195 166             | 717 127                              | 773 445                                     | 347 350                                    | 133 917                | 2 935 737             | 302 110 |
| 1 760 549                | 31 161 533             | 1 746 295                            | 790 023                                     | 342 910                                    | 141 759                | 2 102 685             | 357 644 |
| 1 083 466                | 31 243 910             | 845 432                              | 786 183                                     | 282 972                                    | 133 376                | 1 789 372             | 371 707 |
| 1 269 775                | 31 027 758             | 944 655                              | 777 453                                     | 319 389                                    | 127 566                | 2 689 923             | 362 796 |
| 1 462 673                | 31 834 053             | 1 480 517                            | 800 210                                     | 330 646                                    | 139 644                | 2 640 554             | 290 060 |
| 1 395 640                | 31 835 595             | 2 202 249                            | 819 958                                     | 323 369                                    | 125 682                | 2 700 086             | 335 196 |
| 1 206 903                | 31 814 326             | 2 003 574                            | 821 811                                     | 234 624                                    | 136 586                | 1 589 203             | 394 112 |
| 975 846                  | 3 258 475              | 308 245                              | 578 711                                     | 203 215                                    | 58 222                 | -                     | 4 650   |
| 75 597                   | 6 402 993              | 415 702                              | 22 520                                      | 2 445                                      | 3 142                  | 617 652               | 20 000  |
| 2 098                    | 5 686 338              | 88 675                               | 153 407                                     | 13 536                                     | 34 557                 | 210 294               | 211 246 |
| 14 067                   | 1 391 963              | 807 543                              | 16 770                                      | -  | 4 849                  | 223 803               | 19 100  |
| 8 455                    | 2 153 603              | 23 971                               | 9 275                                       | -  | 14 475                 | 2 560                 | -       |
| 30 099                   | 3 484 519              | 24 819                               | 16 042                                      | -  | 7 410                  | -                     | 790     |
| 3 485                    | 417 823                | 1 891                                | 582   | 311  | 445                    | 9 424                 | -       |
| 22 067                   | 2 692 892              | 21 025                               | 6 689                                       | 10 289                                     | 2 648                  | 83 785                | -       |
| 2 931                    | 402 015                | 99 967                               | -   | 385  | 1 900                  | 38 018                | 16 352  |
| 7 166                    | 706 109                | 26 170                               | 3 352                                       | -  | 100                    | 10 874                | -       |
| 2 263                    | 893 338                | 34 729                               | 1 074                                       | -  | 1 723                  | 62 067                | -       |
| 385                      | 482 161                | 7 766                                | 4 624                                       | 2 503                                      | 361                    | 12 385                | -       |
| 7 770                    | 749 550                | 17 341                               | -   | -  | -                      | 31 492                | 70      |
| 13 403                   | 505 180                | 426                                  | -   | -  | -                      | 18 509                | -       |
| 5 799                    | 879 283                | 9 777                                | 5 676                                       | -  | 753                    | 170 874               | -       |
| 2 083                    | 255 205                | 2 163                                | -   | -  | -                      | 10 944                | -       |
| 10 011                   | 301 640                | 3 266                                | 50  | 632  | 1 126                  | 3 275                 | 3 704   |
| 2 624                    | 137 106                | 3 197                                | -   | -  | -                      | 9 426                 | -       |
| 6 570                    | 136 048                | -                                    | -   | -  | 2 662                  | 42 221                | 118 200 |
| 7 014                    | 419 119                | 33 277                               | -   | 1 308                                      | 1 839                  | -                     | -       |
| 3 192                    | 274 593                | 57 282                               | 3 039                                       | -  | 374                    | 7 400                 | -       |
| 3 528                    | 158 574                | 14 822                               | -   | -  | -                      | 23 080                | -       |
| 450                      | 25 799                 | 1 520                                | -   | -  | -                      | 1 120                 | -       |

**Table 79. Pollution inspection and administrative penalty**

| Year & type of industries                            | Number of inspections | Number of penalties | Fine paid<br>(Thousand NT\$) |
|--|-----------------------|---------------------|------------------------------|
| 2001   | 1 415 512             | 103 303             | 601 727                      |
| 2002   | 1 537 941             | 110 308             | 602 509                      |
| 2003   | 1 883 275             | 103 032             | 626 531                      |
| 2004   | 1 638 260             | 83 829              | 577 728                      |
| 2005   | 1 334 223             | 92 365              | 606 983                      |
| 2006   | 1 195 530             | 92 812              | 649 971                      |
| 2007   | 1 311 639             | 99 301              | 709 054                      |
| 2008   | 1 576 742             | 134 842             | 1 376 796                    |
| 2009   | 1 528 466             | 190 404             | 637 295                      |
| 2010   | 1 751 551             | 160 716             | 644 236                      |
| Air pollution  | 1 290 981             | 43 613              | 273 982                      |
| Construction sources                                 | 8 746                 | 1 234               | 44 331                       |
| Other stationary sources                             | 74 764                | 2 341               | 136 481                      |
| Automobile sources                                   | 1 207 471             | 40 038              | 93 170                       |
| Water pollution                                      | 51 168                | 2 053               | 161 725                      |
| Industrial wastewater [exclude livestock wastewater] | 28 797                | 1 641               | 142 474                      |
| Livestock Wastewater                                 | 13 332                | 316                 | 10 916                       |
| Industrial sewerage systems                          | 3 773                 | 56                  | 5 929                        |
| Public and community sewerage systems                | 5 266                 | 40                  | 1 938                        |
| Others   | -                     | -                   | 469                          |
| Solid waste pollution                                | 298 963               | 113 515             | 170 411                      |
| Municipal solid wastes                               | 228 010               | 108 008             | 125 786                      |
| Industrial solid wastes                              | 28 612                | 4 441               | 34 546                       |
| Waste clean-up and disposal organizations            | 4 523                 | 971                 | 7 063                        |
| Recycled resources & others                          | 37 818                | 95                  | 3 017                        |
| Noise pollution                                      | 61 284                | 1 059               | 5 820                        |
| Toxic chemical substances                            | 6 182                 | 137                 | 9 119                        |
| Environmental agents                                 | 21 712                | 50                  | 2 817                        |
| Drinking water pollution                             | 10 901                | 34                  | 1 464                        |
| Environment impact assessment                        | 719                   | 32                  | 10 100                       |
| Soil & groundwater pollution                         | 1 484                 | 21                  | 4 890                        |
| Ocean pollution                                      | 5 767                 | 11                  | 3 192                        |
| Other pollution                                      | 2 390                 | 191                 | 716                          |

Notes : Data do not include Kinmen County and Lienchiang County before 2007.

Table 80. Water withdrawal

| Year | Per capita <sup>1</sup><br>annual withdrawal<br>(M <sup>3</sup> ) | Percentage of <sup>2</sup><br>available resources<br>(%) | Water supply <sup>1</sup><br>service's ratio<br>(%) |
|------|---|--|---|
| 1981 | 916.1   | ...  | 63.9  |
| 1982 | 928.5   | ...  | 67.4  |
| 1983 | 1 019.1   | ...  | 69.7  |
| 1984 | 969.6   | ...  | 71.7  |
| 1985 | 958.9   | ...  | 73.2  |
| 1986 | 949.1   | ...  | 74.5  |
| 1987 | 943.1   | ...  | 75.9  |
| 1988 | 933.4   | ...  | 77.6  |
| 1989 | 950.9   | ...  | 78.9  |
| 1990 | 963.4   | ...  | 80.0  |
| 1991 | 862.0   | ...  | 80.8  |
| 1992 | 861.6   | ...  | 81.9  |
| 1993 | 818.5   | ...  | 83.4  |
| 1994 | 834.5   | ...  | 84.9  |
| 1995 | 889.6   | ...  | 85.6  |
| 1996 | 845.2   | ...  | 85.6  |
| 1997 | 833.6   | ...  | 87.4  |
| 1998 | 773.2   | ...  | 88.0  |
| 1999 | 766.5   | ...  | 88.4  |
| 2000 | 803.3   | ...  | 90.5  |
| 2001 | 827.4   | 15.8   | 90.5  |
| 2002 | 832.5   | 31.4   | 90.8  |
| 2003 | 780.1   | 26.2   | 90.9  |
| 2004 | 785.5   | 19.4   | 91.3  |
| 2005 | 790.1   | 12.6   | 91.6  |
| 2006 | 762.9   | 16.8   | 91.9  |
| 2007 | 810.6   | 13.6   | 92.0  |
| 2008 | 782.0   | 15.5   | 92.2  |
| 2009 | 826.3   | 21.6   | 92.2  |
| 2010 | ...   | ...  | 92.3  |

Notes : <sup>1</sup> Data do not include Kinmen County and Lienchiang County before 2000.

<sup>2</sup> Data do not include Kinmen County and Lienchiang County.

<sup>2</sup> Percentage of available resources = (Total amount of water above ground/annual runoff)×100.



## JUSTICE AND PUBLIC SAFETY

This chapter is concerned with information on status and treatment of crimes, traffic accidents, and fire accidents. Data on status of crimes and traffic accidents are obtained from the official statistics contained in the *Statistics Annual Report of Police Affairs, R.O.C.*, an annual report published by the National Police Agency, the Ministry of the Interior. Data on fire accidents come from the National Fire Agency, the Ministry of the Interior. Data on treatment of crimes mainly come from the official statistics compiled by the Ministry of Justice and the Judicial Yuan, contained in the *Statistical Handbook*, an annual report published by the Statistical Department, the Ministry of Justice.

Data on the status of crimes include criminal cases, cleared cases, and the number of offenders. A criminal case refers to a case in which one is found offending against the criminal codes, indicted and punished according to the Criminal Suit Law. Statistics on criminal cases are reported by the police agencies regarding complaints or accusations filed by ordinary persons or crimes found by policemen while on duty, with the figure for a specific period. The number of cleared cases refers to the criminal cases which, after investigation, are cleared by police in a specific period. Statistics on offenders refer to the number of criminal suspects who are implicated and after being revised, the monthly statistics are compiled into an annual report at the end of a year.

The treatment of crimes refers to investigation, trial and execution of court sentence as regard to crimes according to the Criminal Suit Law, the Juvenile Delinquency Treatment Law, and related laws. For a crime, a prosecutor shall conduct investigation in accordance with law and indict a suspect if the evidences obtained from his investigation are sufficient to prove the suspect guilty. After court trials, if the suspect is found guilty and convicted, he will be sent to the public prosecutor's offices of the courts for execution of punishment.

**Violent Crime** -- It principally refers to murder and nonnegligent manslaughter, serious intimidation, robbery and forceful taking, kidnapping, serious injury and forcible rape (gang rape).

**Theft** -- It refers to stealing of automobiles, motorcycles and other properties .

**Offender Rate** -- It refers to the number of offenders per 100 000 of mid-year population. Offenders are divided to 4 categories according to their age:

1. An adult offender -- refers to the offender who is of age 24 or more.
2. An adolescent offender -- refers to the offender who is of age 18 - 24.
3. A juvenile offender -- refers to the offender who is of age 12 - 17.
4. A child offender -- refers to the offender who is of age less than 12.

**Fatal Traffic Accident** -- It refers to a major, heavily wounded traffic accident. The death toll refers to the number of deaths instantly caused by the accident and deaths occurring within 24 hours following the accident.

Table 81. Offenses, offenders

| Year | Cases known to the police |                                      |                      |                 |                         | Crime rate<br>(Cases/100 000<br>pop.) |
|------|---------------------------|--------------------------------------|----------------------|-----------------|-------------------------|---------------------------------------|
|      | Total<br>(Cases)          | Larceny &<br>automobile thief<br>(%) | Violent crime<br>(%) | Gambling<br>(%) | Drug<br>offenses<br>(%) |                                       |
| 1981 | 51 292                    | 56.4                                 | 6.9                  | 4.2             | 2.6                     | 285.4                                 |
| 1982 | 44 622                    | 56.6                                 | 8.7                  | 4.0             | 2.3                     | 243.9                                 |
| 1983 | 51 427                    | 56.1                                 | 8.5                  | 4.2             | 1.9                     | 276.6                                 |
| 1984 | 52 168                    | 53.6                                 | 8.5                  | 5.3             | 1.9                     | 276.4                                 |
| 1985 | 60 707                    | 48.9                                 | 9.1                  | 5.8             | 2.1                     | 317.3                                 |
| 1986 | 179 990                   | 75.2                                 | 3.5                  | 4.5             | 1.2                     | 929.9                                 |
| 1987 | 184 328                   | 71.8                                 | 3.3                  | 7.7             | 1.1                     | 942.2                                 |
| 1988 | 219 713                   | 78.2                                 | 3.1                  | 5.4             | 1.0                     | 1 110.3                               |
| 1989 | 260 934                   | 81.6                                 | 3.0                  | 4.9             | 1.0                     | 1 304.3                               |
| 1990 | 280 342                   | 82.4                                 | 3.6                  | 4.2             | 1.6                     | 1 385.8                               |
| 1991 | 304 141                   | 74.3                                 | 2.9                  | 7.1             | 6.5                     | 1 486.9                               |
| 1992 | 289 052                   | 65.8                                 | 2.2                  | 9.7             | 11.9                    | 1 399.5                               |
| 1993 | 319 179                   | 67.2                                 | 2.2                  | 5.6             | 14.7                    | 1 531.0                               |
| 1994 | 323 459                   | 73.0                                 | 2.4                  | 5.6             | 10.3                    | 1 537.7                               |
| 1995 | 429 233                   | 77.4                                 | 3.8                  | 4.3             | 5.6                     | 2 023.3                               |
| 1996 | 456 117                   | 76.5                                 | 3.7                  | 3.9             | 6.3                     | 2 132.6                               |
| 1997 | 426 425                   | 75.0                                 | 3.2                  | 3.2             | 7.6                     | 1 971.1                               |
| 1998 | 434 513                   | 77.0                                 | 3.0                  | 2.1             | 7.1                     | 1 989.9                               |
| 1999 | 386 241                   | 70.5                                 | 2.9                  | 1.8             | 10.4                    | 1 754.8                               |
| 2000 | 438 520                   | 69.7                                 | 2.4                  | 0.9             | 9.5                     | 1 976.7                               |
| 2001 | 490 736                   | 68.9                                 | 2.9                  | 0.5             | 5.9                     | 2 196.6                               |
| 2002 | 503 389                   | 67.6                                 | 3.0                  | 0.5             | 5.1                     | 2 241.0                               |
| 2003 | 494 755                   | 66.8                                 | 2.6                  | 0.5             | 5.2                     | 2 192.8                               |
| 2004 | 522 305                   | 63.2                                 | 2.4                  | 0.5             | 7.2                     | 2 306.3                               |
| 2005 | 555 109                   | 59.1                                 | 2.6                  | 0.4             | 8.9                     | 2 442.2                               |
| 2006 | 512 788                   | 54.9                                 | 2.4                  | 1.0             | 8.9                     | 2 246.8                               |
| 2007 | 491 815                   | 49.0                                 | 1.9                  | 1.1             | 10.7                    | 2 146.0                               |
| 2008 | 453 439                   | 46.2                                 | 1.8                  | 1.2             | 11.6                    | 1 971.7                               |
| 2009 | 386 075                   | 40.2                                 | 1.8                  | 1.5             | 11.6                    | 1 672.9                               |
| 2010 | 371 934                   | 38.4                                 | 1.4                  | 1.7             | 13.0                    | 1 607.3                               |



**and cleared cases**

| Number of offenders (Persons) | Offenders rate (Persons/100 000 pop.) |       |          |            |         | Cleared cases (Cases) | Clearance rate (%) |
|-------------------------------|---------------------------------------|-------|----------|------------|---------|-----------------------|--------------------|
|                               | Total                                 | Child | Juvenile | Adolescent | Adult   |                       |                    |
| 43 612                        | 242.7                                 | 19.9  | 472.5    | 392.3      | 257.7   | 43 240                | 84.3               |
| 38 285                        | 209.2                                 | 15.8  | 417.7    | 345.9      | 218.5   | 37 189                | 83.3               |
| 43 601                        | 234.5                                 | 14.0  | 448.4    | 390.5      | 251.4   | 42 783                | 83.2               |
| 49 168                        | 260.5                                 | 19.3  | 492.2    | 404.0      | 286.6   | 46 544                | 89.2               |
| 57 408                        | 300.0                                 | 20.6  | 512.3    | 434.4      | 350.2   | 48 049                | 79.2               |
| 80 814                        | 417.5                                 | 33.7  | 711.9    | 555.0      | 494.6   | 94 139                | 52.3               |
| 87 086                        | 445.1                                 | 27.8  | 787.6    | 544.0      | 532.1   | 105 246               | 57.1               |
| 81 503                        | 411.9                                 | 25.3  | 796.5    | 537.6      | 466.4   | 113 374               | 51.6               |
| 86 907                        | 434.4                                 | 26.4  | 881.6    | 582.6      | 475.8   | 135 556               | 52.0               |
| 86 723                        | 428.7                                 | 20.8  | 769.0    | 636.1      | 475.8   | 142 856               | 51.0               |
| 145 442                       | 711.0                                 | 31.6  | 1 106.8  | 1 240.3    | 780.0   | 191 492               | 63.0               |
| 172 551                       | 835.4                                 | 38.8  | 1 310.8  | 1 429.6    | 911.3   | 208 298               | 72.1               |
| 176 748                       | 847.8                                 | 30.8  | 1 289.7  | 1 369.7    | 942.3   | 214 409               | 67.2               |
| 153 097                       | 727.8                                 | 26.2  | 1 181.1  | 1 086.2    | 803.0   | 209 177               | 64.7               |
| 155 613                       | 733.5                                 | 28.8  | 1 224.0  | 1 094.9    | 795.9   | 230 513               | 53.7               |
| 173 047                       | 809.1                                 | 30.0  | 1 253.1  | 1 261.2    | 882.6   | 265 471               | 58.2               |
| 172 540                       | 797.5                                 | 23.5  | 1 068.0  | 1 242.1    | 898.5   | 242 392               | 56.8               |
| 158 923                       | 727.8                                 | 17.8  | 1 034.9  | 1 138.5    | 807.5   | 251 638               | 57.9               |
| 179 597                       | 816.0                                 | 17.1  | 995.2    | 1 361.9    | 914.6   | 253 299               | 65.6               |
| 181 614                       | 818.7                                 | 13.9  | 882.7    | 1 347.7    | 935.6   | 259 645               | 59.2               |
| 180 527                       | 808.0                                 | 14.3  | 849.0    | 1 165.0    | 950.3   | 271 128               | 55.3               |
| 185 751                       | 826.9                                 | 12.5  | 804.1    | 1 191.0    | 976.1   | 297 816               | 59.2               |
| 158 687                       | 703.3                                 | 11.6  | 641.5    | 1 016.6    | 829.4   | 290 962               | 58.8               |
| 176 975                       | 781.5                                 | 10.9  | 548.5    | 1 010.6    | 955.0   | 313 848               | 60.1               |
| 207 425                       | 912.6                                 | 11.4  | 495.9    | 1 100.9    | 1 136.6 | 346 677               | 62.5               |
| 229 193                       | 1 004.2                               | 14.3  | 535.4    | 1 200.1    | 1 242.1 | 342 329               | 66.8               |
| 265 860                       | 1 160.1                               | 15.9  | 561.7    | 1 384.0    | 1 429.7 | 367 001               | 74.6               |
| 271 186                       | 1 179.2                               | 15.7  | 582.2    | 1 363.0    | 1 445.1 | 350 497               | 77.3               |
| 261 973                       | 1 135.1                               | 15.7  | 556.4    | 1 318.3    | 1 378.7 | 311 648               | 80.7               |
| 269 340                       | 1 163.9                               | 17.1  | 581.1    | 1 317.0    | 1 404.6 | 296 500               | 79.7               |

Table 82. Burglary and larceny

| Year | Cases known to the police (Cases) |         |                  |                  | Number of offenders (Persons) |         |                  |                  |
|------|-----------------------------------|---------|------------------|------------------|-------------------------------|---------|------------------|------------------|
|      | Total                             | Larceny | Automobile theft | Motorcycle theft | Total                         | Larceny | Automobile theft | Motorcycle theft |
| 1981 | 28 918                            | 24 271  | 4 647            | -                | 17 774                        | 17 038  | 736              | -                |
| 1982 | 25 238                            | 20 448  | 4 790            | -                | 16 067                        | 15 367  | 700              | -                |
| 1983 | 28 870                            | 21 372  | 7 498            | -                | 17 312                        | 16 375  | 937              | -                |
| 1984 | 27 969                            | 21 254  | 6 715            | -                | 18 885                        | 17 952  | 933              | -                |
| 1985 | 29 671                            | 21 196  | 8 475            | -                | 19 937                        | 19 021  | 916              | -                |
| 1986 | 135 319                           | 38 872  | 9 638            | 86 809           | 28 046                        | 26 983  | 1 063            | -                |
| 1987 | 132 387                           | 27 709  | 9 818            | 94 860           | 25 920                        | 25 023  | 897              | -                |
| 1988 | 171 897                           | 23 316  | 17 083           | 131 498          | 25 929                        | 24 687  | 1 242            | -                |
| 1989 | 212 912                           | 17 990  | 24 335           | 170 587          | 28 665                        | 26 911  | 1 754            | -                |
| 1990 | 231 050                           | 12 840  | 29 587           | 188 623          | 24 129                        | 22 522  | 1 607            | -                |
| 1991 | 225 976                           | 15 607  | 28 975           | 181 394          | 31 631                        | 29 364  | 2 267            | -                |
| 1992 | 190 305                           | 17 430  | 23 129           | 149 746          | 34 360                        | 32 515  | 1 845            | -                |
| 1993 | 214 383                           | 14 616  | 21 236           | 178 531          | 32 656                        | 30 953  | 1 703            | -                |
| 1994 | 236 251                           | 13 404  | 20 911           | 201 936          | 30 786                        | 29 375  | 1 411            | -                |
| 1995 | 332 154                           | 46 580  | 26 605           | 258 969          | 34 551                        | 15 021  | 1 491            | 18 039           |
| 1996 | 348 879                           | 60 325  | 32 078           | 256 476          | 40 995                        | 19 560  | 2 403            | 19 032           |
| 1997 | 319 902                           | 60 118  | 35 824           | 223 960          | 34 162                        | 17 854  | 2 434            | 13 874           |
| 1998 | 334 495                           | 56 130  | 46 694           | 231 671          | 36 524                        | 17 840  | 3 055            | 15 629           |
| 1999 | 272 355                           | 46 099  | 40 323           | 185 933          | 40 677                        | 21 199  | 4 077            | 15 401           |
| 2000 | 305 793                           | 62 686  | 47 750           | 195 357          | 38 068                        | 19 674  | 4 978            | 13 416           |
| 2001 | 338 063                           | 94 947  | 51 377           | 191 739          | 40 178                        | 23 917  | 4 990            | 11 268           |
| 2002 | 340 536                           | 100 361 | 48 925           | 191 250          | 40 721                        | 27 015  | 3 349            | 10 357           |
| 2003 | 330 655                           | 100 049 | 48 373           | 182 233          | 34 786                        | 23 939  | 2 721            | 8 126            |
| 2004 | 330 320                           | 113 144 | 50 719           | 166 457          | 35 031                        | 23 740  | 3 322            | 7 969            |
| 2005 | 328 154                           | 148 501 | 48 992           | 130 661          | 39 374                        | 27 783  | 3 654            | 7 937            |
| 2006 | 281 561                           | 144 903 | 33 739           | 102 919          | 39 927                        | 30 769  | 2 489            | 6 669            |
| 2007 | 241 091                           | 118 714 | 31 966           | 90 411           | 42 053                        | 34 165  | 2 258            | 5 630            |
| 2008 | 209 351                           | 101 630 | 28 508           | 79 213           | 42 364                        | 34 441  | 2 597            | 5 326            |
| 2009 | 155 151                           | 77 862  | 19 697           | 57 592           | 35 585                        | 28 816  | 2 001            | 4 768            |
| 2010 | 142 774                           | 75 991  | 17 106           | 49 677           | 37 554                        | 30 598  | 2 287            | 4 669            |

Table 83. Violent crimes

| Year | Cases known to the police (Cases)  |                |                             |           |              |               | Number of offenders (Persons)      |                |                             |           |              |               |       |       |
|------|------------------------------------|----------------|-----------------------------|-----------|--------------|---------------|------------------------------------|----------------|-----------------------------|-----------|--------------|---------------|-------|-------|
|      | Murder & nonnegligent manslaughter | Serious Injury | Robbery and forceful taking | Kidnaping | Intimidation | Forcible rape | Murder & nonnegligent manslaughter | Serious Injury | Robbery and forceful taking | Kidnaping | Intimidation | Forcible rape |       |       |
| 1981 | 3 557                              | 1 201          | -                           | 1 274     | 32           | 573           | 477                                | 4 103          | 1 671                       | -         | 1 067        | 79            | 795   | 491   |
| 1982 | 3 878                              | 1 236          | -                           | 1 541     | 47           | 615           | 439                                | 4 269          | 1 633                       | -         | 1 212        | 107           | 824   | 493   |
| 1983 | 4 385                              | 1 441          | -                           | 1 745     | 91           | 653           | 455                                | 4 881          | 1 923                       | -         | 1 417        | 214           | 841   | 486   |
| 1984 | 4 417                              | 1 507          | -                           | 1 644     | 110          | 559           | 597                                | 5 148          | 2 048                       | -         | 1 344        | 284           | 854   | 618   |
| 1985 | 5 542                              | 1 362          | -                           | 2 501     | 69           | 843           | 767                                | 5 630          | 1 792                       | -         | 1 692        | 128           | 1 196 | 822   |
| 1986 | 6 303                              | 1 617          | -                           | 2 884     | 78           | 870           | 854                                | 6 065          | 2 028                       | -         | 1 958        | 186           | 1 072 | 821   |
| 1987 | 6 095                              | 1 572          | -                           | 2 569     | 77           | 992           | 885                                | 6 443          | 2 081                       | -         | 2 093        | 152           | 1 226 | 891   |
| 1988 | 6 797                              | 1 591          | -                           | 3 351     | 98           | 1 017         | 740                                | 7 106          | 1 947                       | -         | 2 962        | 222           | 1 256 | 719   |
| 1989 | 7 835                              | 1 699          | -                           | 4 429     | 160          | 942           | 605                                | 8 921          | 2 051                       | -         | 4 826        | 331           | 1 103 | 610   |
| 1990 | 9 985                              | 1 736          | -                           | 4 397     | 187          | 2 926         | 739                                | 10 091         | 2 047                       | -         | 3 692        | 372           | 3 294 | 686   |
| 1991 | 8 683                              | 1 784          | -                           | 3 385     | 128          | 2 620         | 766                                | 9 435          | 2 126                       | -         | 2 955        | 276           | 3 400 | 678   |
| 1992 | 6 480                              | 1 540          | -                           | 2 509     | 96           | 1 673         | 662                                | 7 216          | 1 875                       | -         | 2 316        | 208           | 2 182 | 635   |
| 1993 | 7 110                              | 1 622          | -                           | 3 092     | 106          | 1 418         | 872                                | 8 206          | 2 295                       | -         | 2 993        | 238           | 1 853 | 827   |
| 1994 | 7 688                              | 1 508          | -                           | 3 973     | 98           | 1 247         | 862                                | 8 837          | 2 348                       | -         | 3 673        | 226           | 1 741 | 849   |
| 1995 | 16 489                             | 1 765          | -                           | 11 670    | 98           | 1 817         | 1 139                              | 10 993         | 2 738                       | -         | 4 914        | 247           | 2 026 | 1 068 |
| 1996 | 16 827                             | 1 798          | -                           | 11 376    | 149          | 2 143         | 1 361                              | 11 426         | 2 647                       | -         | 5 044        | 398           | 2 082 | 1 255 |
| 1997 | 13 648                             | 1 712          | -                           | 8 169     | 92           | 2 197         | 1 478                              | 11 084         | 2 638                       | -         | 4 844        | 247           | 1 975 | 1 380 |
| 1998 | 12 877                             | 1 341          | -                           | 7 356     | 64           | 2 191         | 1 925                              | 10 627         | 1 956                       | -         | 4 530        | 215           | 1 907 | 2 019 |
| 1999 | 11 362                             | 1 269          | -                           | 6 328     | 63           | 2 019         | 1 683                              | 9 681          | 1 937                       | -         | 4 241        | 159           | 1 716 | 1 628 |
| 2000 | 10 306                             | 1 132          | 91                          | 7 250     | 77           | 27            | 1 729                              | 8 217          | 1 843                       | 153       | 4 372        | 202           | 27    | 1 620 |
| 2001 | 14 327                             | 1 072          | 60                          | 10 959    | 76           | 35            | 2 125                              | 9 595          | 1 561                       | 90        | 5 678        | 236           | 30    | 2 000 |
| 2002 | 14 895                             | 1 156          | 82                          | 11 250    | 83           | 35            | 2 289                              | 9 488          | 1 812                       | 121       | 5 183        | 210           | 35    | 2 127 |
| 2003 | 12 966                             | 1 057          | 110                         | 9 236     | 73           | 45            | 2 445                              | 8 580          | 1 766                       | 170       | 4 088        | 217           | 28    | 2 311 |
| 2004 | 12 706                             | 910            | 67                          | 9 525     | 80           | 23            | 2 101                              | 7 441          | 1 519                       | 143       | 3 555        | 238           | 30    | 1 956 |
| 2005 | 14 301                             | 903            | 45                          | 11 022    | 65           | 31            | 2 235                              | 7 508          | 1 433                       | 92        | 3 767        | 226           | 45    | 1 945 |
| 2006 | 12 226                             | 921            | 46                          | 8 911     | 64           | 24            | 2 260                              | 7 978          | 1 715                       | 87        | 3 731        | 240           | 22    | 2 183 |
| 2007 | 9 534                              | 881            | 45                          | 6 059     | 38           | 24            | 2 487                              | 7 529          | 1 530                       | 75        | 3 305        | 176           | 38    | 2 405 |
| 2008 | 8 117                              | 803            | 31                          | 4 925     | 29           | 10            | 2 319                              | 6 843          | 1 337                       | 84        | 2 995        | 97            | 8     | 2 322 |
| 2009 | 6 764                              | 832            | 37                          | 3 799     | 18           | 5             | 2 073                              | 6 139          | 1 437                       | 67        | 2 486        | 82            | 11    | 2 056 |
| 2010 | 5 312                              | 743            | 25                          | 2 557     | 19           | 9             | 1 959                              | 5 365          | 1 420                       | 32        | 1 911        | 74            | 6     | 1 922 |

Notes : From year 2000, serious injuries are included, and intimidation refer to serious cases only, such as someone with gun, poisoning or arsoning... forceful behavior to intimidate others.

Table 84. Juvenile offenders

| Year | Juvenile delinquents (Persons) |                      |          |                                    |                |                             |           |              |               |               | Juvenile offenders as % of total offenders |
|------|--------------------------------|----------------------|----------|------------------------------------|----------------|-----------------------------|-----------|--------------|---------------|---------------|--|
|      | Total                          | Burglary and larceny | Subtotal | Violent crime                      |                |                             |           |              |               | Drug Offenses |  |
|      |                                |                      |          | Murder & nonnegligent manslaughter | Serious Injury | Robbery and forceful taking | Kidnaping | Intimidation | Forcible rape |               |  |
| 1986 | 15 762                         | 10 864               | 1 406    | 332                                | -              | 516                         | 16        | 415          | 127           | 73            | 19.5                                       |
| 1987 | 17 244                         | 11 410               | 1 838    | 403                                | -              | 653                         | 15        | 551          | 216           | 62            | 19.8                                       |
| 1988 | 17 510                         | 11 664               | 2 138    | 355                                | -              | 988                         | 29        | 616          | 150           | 50            | 21.5                                       |
| 1989 | 19 593                         | 13 132               | 2 694    | 438                                | -              | 1 648                       | 40        | 420          | 148           | 47            | 22.6                                       |
| 1990 | 17 286                         | 10 124               | 2 613    | 381                                | -              | 1 121                       | 40        | 963          | 108           | 1 389         | 19.9                                       |
| 1991 | 25 472                         | 11 794               | 2 111    | 263                                | -              | 627                         | 35        | 1 085        | 101           | 6 856         | 17.5                                       |
| 1992 | 30 719                         | 13 549               | 1 498    | 276                                | -              | 492                         | 26        | 616          | 88            | 10 736        | 17.8                                       |
| 1993 | 30 780                         | 15 216               | 1 941    | 469                                | -              | 805                         | 6         | 504          | 157           | 8 847         | 17.4                                       |
| 1994 | 28 378                         | 16 086               | 2 735    | 663                                | -              | 1 295                       | 12        | 544          | 221           | 4 613         | 18.5                                       |
| 1995 | 29 287                         | 16 818               | 3 650    | 750                                | -              | 1 812                       | 17        | 794          | 277           | 3 693         | 18.8                                       |
| 1996 | 29 680                         | 16 757               | 3 077    | 591                                | -              | 1 454                       | 25        | 640          | 367           | 4 577         | 17.2                                       |
| 1997 | 24 766                         | 13 079               | 3 049    | 638                                | -              | 1 380                       | 18        | 598          | 415           | 3 982         | 14.4                                       |
| 1998 | 23 094                         | 14 116               | 2 623    | 328                                | -              | 1 296                       | 25        | 610          | 364           | 2 805         | 14.5                                       |
| 1999 | 21 224                         | 13 090               | 2 190    | 324                                | -              | 1 022                       | 23        | 489          | 332           | 2 726         | 11.8                                       |
| 2000 | 18 144                         | 10 656               | 1 589    | 294                                | 16             | 975                         | 10        | -            | 294           | 1 899         | 10.0                                       |
| 2001 | 16 939                         | 8 799                | 1 611    | 202                                | 23             | 1 000                       | 19        | 1            | 366           | 922           | 9.4  |
| 2002 | 15 659                         | 7 769                | 1 394    | 269                                | 28             | 756                         | 6         | 1            | 334           | 1 073         | 8.4  |
| 2003 | 12 331                         | 6 498                | 1 129    | 210                                | 29             | 480                         | 16        | -            | 394           | 783           | 7.8  |
| 2004 | 10 540                         | 4 859                | 1 092    | 248                                | 37             | 432                         | 15        | 3            | 357           | 712           | 6.0  |
| 2005 | 9 620                          | 4 566                | 895      | 211                                | 23             | 373                         | 2         | 4            | 282           | 645           | 4.6  |
| 2006 | 10 384                         | 4 689                | 1 155    | 299                                | 13             | 449                         | 15        | 1            | 378           | 518           | 4.5  |
| 2007 | 10 881                         | 4 285                | 872      | 213                                | 13             | 286                         | 16        | 2            | 342           | 602           | 4.1  |
| 2008 | 11 283                         | 3 940                | 845      | 165                                | 6              | 274                         | 1         | 1            | 398           | 607           | 4.2  |
| 2009 | 10 762                         | 3 882                | 829      | 173                                | 19             | 255                         | 8         | -            | 374           | 843           | 4.1  |
| 2010 | 11 102                         | 4 086                | 700      | 175                                | 2              | 158                         | 3         | -            | 362           | 1 213         | 4.1  |

**Table 85. Treatment of criminals by the justice**

| Year | Suspects under investigation                  |                        |                     | Offenders receiving trial (Persons) |  |
|------|---|------------------------|---------------------|-------------------------------------|--|
|      | Preliminary investigation concluded (Persons) | The indicted (Persons) | Indictment rate (%) | Offenders convicted                 | Offenders convicted per 100 000 population |
| 1981 | 242 560                                       | 162 678                | 67.1                | 134 294                             | 744.8                                      |
| 1982 | 293 742                                       | 207 973                | 70.8                | 166 405                             | 906.6                                      |
| 1983 | 329 581                                       | 242 604                | 73.6                | 200 387                             | 1 074.3                                    |
| 1984 | 330 302                                       | 242 145                | 73.3                | 215 444                             | 1 138.1                                    |
| 1985 | 369 895                                       | 268 843                | 72.7                | 220 109                             | 1 146.9                                    |
| 1986 | 296 895                                       | 191 381                | 64.5                | 204 553                             | 1 053.8                                    |
| 1987 | 206 641                                       | 115 068                | 55.7                | 111 709                             | 569.4                                      |
| 1988 | 166 386                                       | 88 791                 | 53.4                | 73 550                              | 370.7                                      |
| 1989 | 172 334                                       | 93 584                 | 54.3                | 75 904                              | 378.5                                      |
| 1990 | 182 350                                       | 100 786                | 55.3                | 74 456                              | 367.2                                      |
| 1991 | 252 473                                       | 150 411                | 59.6                | 109 320                             | 533.2                                      |
| 1992 | 302 914                                       | 186 568                | 61.6                | 147 857                             | 714.1                                      |
| 1993 | 318 327                                       | 180 838                | 56.8                | 151 466                             | 724.8                                      |
| 1994 | 304 243                                       | 166 186                | 54.6                | 144 829                             | 686.8                                      |
| 1995 | 303 051                                       | 162 359                | 53.6                | 131 669                             | 619.1                                      |
| 1996 | 344 714                                       | 186 637                | 54.1                | 130 759                             | 609.8                                      |
| 1997 | 362 487                                       | 187 238                | 51.7                | 147 002                             | 679.5                                      |
| 1998 | 336 978                                       | 142 499                | 42.3                | 118 435                             | 542.4                                      |
| 1999 | 365 543                                       | 142 172                | 38.9                | 105 900                             | 481.1                                      |
| 2000 | 375 188                                       | 150 795                | 40.2                | 122 076                             | 550.3                                      |
| 2001 | 362 975                                       | 157 437                | 43.4                | 128 453                             | 575.0                                      |
| 2002 | 382 363                                       | 153 003                | 40.0                | 127 127                             | 565.9                                      |
| 2003 | 367 158                                       | 136 258                | 37.1                | 131 680                             | 583.6                                      |
| 2004 | 377 734                                       | 139 454                | 36.9                | 115 181                             | 508.6                                      |
| 2005 | 426 546                                       | 158 817                | 37.2                | 126 978                             | 558.6                                      |
| 2006 | 474 688                                       | 189 943                | 40.0                | 145 741                             | 638.6                                      |
| 2007 | 506 648                                       | 221 486                | 43.7                | 173 711                             | 758.0                                      |
| 2008 | 526 143                                       | 231 813                | 44.1                | 198 685                             | 863.9                                      |
| 2009 | 518 747                                       | 216 540                | 41.7                | 190 474                             | 825.3                                      |
| 2010 | 523 887                                       | 218 443                | 41.7                | 180 081                             | 778.2                                      |

Table 85. Treatment of criminals

| Year | Offenders convicted by length of sentence |                   |                             |                             |                  |           |
|------|---|-------------------|-----------------------------|-----------------------------|------------------|-----------|
|      | Death sentence                            | Life imprisonment | A definite period in prison | A definite period in prison |                  | Detention |
|      |   |                   |                             | Under 6 months              | 3 years and over |           |
| 1981 | 9   | 87                | 35 168                      | 20 465                      | 2 794            | 25 083    |
| 1982 | 7   | 104               | 38 837                      | 23 432                      | 3 716            | 33 046    |
| 1983 | 8   | 155               | 39 359                      | 24 566                      | 3 950            | 40 150    |
| 1984 | 17  | 156               | 45 962                      | 28 059                      | 4 281            | 39 365    |
| 1985 | 1   | 105               | 47 351                      | 28 782                      | 3 992            | 39 830    |
| 1986 | 8   | 144               | 51 615                      | 31 324                      | 4 201            | 30 600    |
| 1987 | 7   | 137               | 54 999                      | 33 013                      | 4 268            | 10 444    |
| 1988 | 20  | 110               | 52 627                      | 31 350                      | 3 796            | 4 388     |
| 1989 | 66  | 150               | 54 014                      | 28 946                      | 4 948            | 5 228     |
| 1990 | 72  | 209               | 50 003                      | 25 135                      | 6 732            | 5 848     |
| 1991 | 58  | 173               | 67 501                      | 42 416                      | 6 319            | 7 224     |
| 1992 | 37  | 179               | 89 979                      | 59 242                      | 8 899            | 8 857     |
| 1993 | 20  | 247               | 109 792                     | 66 091                      | 16 208           | 10 151    |
| 1994 | 16  | 302               | 101 040                     | 56 579                      | 17 719           | 11 478    |
| 1995 | 15  | 235               | 86 939                      | 49 673                      | 15 070           | 12 414    |
| 1996 | 20  | 202               | 82 506                      | 49 403                      | 10 979           | 14 391    |
| 1997 | 35  | 208               | 95 426                      | 58 993                      | 11 661           | 17 268    |
| 1998 | 31  | 189               | 72 402                      | 44 869                      | 7 501            | 14 899    |
| 1999 | 23  | 167               | 61 219                      | 36 305                      | 4 880            | 15 205    |
| 2000 | 18  | 127               | 66 907                      | 39 310                      | 4 236            | 21 139    |
| 2001 | 10  | 151               | 71 777                      | 42 189                      | 4 265            | 26 158    |
| 2002 | 9   | 110               | 69 656                      | 41 354                      | 4 227            | 31 105    |
| 2003 | 7   | 129               | 77 353                      | 46 506                      | 4 736            | 32 294    |
| 2004 | 4   | 98                | 72 752                      | 43 385                      | 4 603            | 27 349    |
| 2005 | 1   | 90                | 83 380                      | 47 989                      | 4 775            | 28 445    |
| 2006 | 3   | 131               | 96 434                      | 56 639                      | 6 184            | 32 266    |
| 2007 | -   | 89                | 113 164                     | 74 052                      | 6 198            | 41 287    |
| 2008 | -   | 111               | 134 556                     | 86 588                      | 6 390            | 42 133    |
| 2009 | -   | 76                | 124 676                     | 79 915                      | 6 163            | 39 508    |
| 2010 | 4   | 61                | 117 622                     | 79 084                      | 6 747            | 39 580    |

**by the justice (continued)**

Persons

| Fine    | Prisonment  |                                       |                          |                           |
|---------|-------------|---------------------------------------|--------------------------|---------------------------|
|         | New inmates | Inmates as of the end of current year | Inmates freed from jails | Inmates paroled from jail |
| 73 866  | 19 888      | 16 434                                | 17 511                   | 2 290                     |
| 94 337  | 22 295      | 18 513                                | 19 984                   | 3 398                     |
| 120 657 | 21 893      | 19 749                                | 20 434                   | 3 494                     |
| 129 886 | 24 211      | 23 224                                | 20 499                   | 3 499                     |
| 132 786 | 25 499      | 25 641                                | 22 812                   | 4 209                     |
| 119 633 | 23 453      | 25 246                                | 23 610                   | 4 939                     |
| 41 377  | 19 240      | 22 047                                | 20 508                   | 5 254                     |
| 16 334  | 13 886      | 13 790                                | 21 935                   | 5 210                     |
| 16 417  | 19 398      | 18 144                                | 14 788                   | 4 471                     |
| 18 262  | 21 154      | 22 963                                | 16 104                   | 3 645                     |
| 34 295  | 20 871      | 23 073                                | 20 467                   | 4 125                     |
| 48 727  | 24 865      | 29 606                                | 17 991                   | 4 898                     |
| 31 154  | 34 229      | 39 946                                | 23 358                   | 7 771                     |
| 31 939  | 36 141      | 42 816                                | 32 479                   | 14 872                    |
| 32 023  | 31 842      | 39 917                                | 34 007                   | 19 631                    |
| 33 587  | 32 654      | 41 613                                | 30 601                   | 16 639                    |
| 33 995  | 35 405      | 45 537                                | 31 424                   | 14 069                    |
| 26 884  | 28 076      | 40 815                                | 31 826                   | 14 596                    |
| 26 074  | 22 790      | 38 278                                | 27 464                   | 13 310                    |
| 31 695  | 23 147      | 37 611                                | 26 243                   | 11 691                    |
| 29 634  | 24 760      | 39 253                                | 25 528                   | 9 342                     |
| 25 939  | 27 003      | 39 825                                | 28 225                   | 9 084                     |
| 21 681  | 28 966      | 41 245                                | 29 190                   | 8 259                     |
| 14 868  | 33 346      | 45 955                                | 30 713                   | 7 820                     |
| 14 968  | 33 193      | 48 779                                | 31 244                   | 7 371                     |
| 16 837  | 37 607      | 51 381                                | 35 709                   | 10 726                    |
| 19 099  | 34 991      | 40 461                                | 46 322                   | 7 857                     |
| 21 821  | 48 234      | 52 708                                | 36 365                   | 6 347                     |
| 26 139  | 42 336      | 55 225                                | 38 362                   | 8 301                     |
| 22 748  | 37 159      | 57 088                                | 35 133                   | 9 300                     |

Table 86. Fire losses and casualties

| Year | Number of fires | Number of burned houses | Number of casualties |          | Estimated property losses (Million NT\$) |
|------|-----------------|-------------------------|----------------------|----------|--|
|      |                 |                         | Deaths               | Injuries |  |
| 1981 | 9 260           | 1 777                   | 157                  | 270      | 1 773                                    |
| 1982 | 9 225           | 1 959                   | 135                  | 224      | 2 638                                    |
| 1983 | 10 025          | 2 056                   | 130                  | 342      | 2 236                                    |
| 1984 | 8 411           | 1 930                   | 206                  | 369      | 2 535                                    |
| 1985 | 7 599           | 1 492                   | 160                  | 381      | 2 938                                    |
| 1986 | 10 306          | 1 719                   | 221                  | 396      | 1 930                                    |
| 1987 | 8 341           | 1 264                   | 183                  | 337      | 2 744                                    |
| 1988 | 7 298           | 1 373                   | 222                  | 384      | 2 445                                    |
| 1989 | 7 464           | 1 509                   | 316                  | 450      | 3 615                                    |
| 1990 | 7 665           | 1 370                   | 290                  | 396      | 3 149                                    |
| 1991 | 7 742           | 1 680                   | 250                  | 624      | 3 002                                    |
| 1992 | 7 389           | 1 493                   | 323                  | 521      | 2 194                                    |
| 1993 | 9 870           | 1 844                   | 377                  | 706      | 2 422                                    |
| 1994 | 10 763          | 2 222                   | 330                  | 696      | 2 490                                    |
| 1995 | 10 916          | 2 169                   | 294                  | 614      | 3 778                                    |
| 1996 | 13 309          | 2 020                   | 275                  | 782      | 2 815                                    |
| 1997 | 15 115          | 2 278                   | 226                  | 637      | 2 637                                    |
| 1998 | 14 555          | 2 431                   | 306                  | 763      | 2 883                                    |
| 1999 | 18 254          | 3 384                   | 230                  | 643      | 2 611                                    |
| 2000 | 15 560          | 3 026                   | 262                  | 732      | 2 344                                    |
| 2001 | 13 750          | 2 844                   | 234                  | 806      | 15 563                                   |
| 2002 | 13 244          | 2 585                   | 193                  | 664      | 2 197                                    |
| 2003 | 8 642           | 2 197                   | 228                  | 768      | 2 144                                    |
| 2004 | 6 611           | 2 065                   | 160                  | 551      | 2 089                                    |
| 2005 | 5 139           | 1 462                   | 139                  | 532      | 2 823                                    |
| 2006 | 4 332           | 1 489                   | 125                  | 471      | 1 559                                    |
| 2007 | 3 392           | 1 483                   | 120                  | 398      | 1 292                                    |
| 2008 | 2 886           | 1 252                   | 101                  | 304      | 1 475                                    |
| 2009 | 2 621           | 1 238                   | 117                  | 296      | 762                                      |
| 2010 | 2 186           | 1 255                   | 83                   | 308      | 1 687                                    |

Notes : A big fire occurred in Taipei Eastern Science-Based Industrial Park on May 12, 2001, which caused a great property loss.



**Table 87. Traffic accidents**

| Year | Number of vehicle accidents | Number of accidents per 10 000 vehicles | Number of casualties |          | Number of casualties per 100 000 population |
|------|-----------------------------|---|----------------------|----------|---|
|      |                             |   | Deaths               | Injuries |   |
| 1981 | 10 072                      | 20.0                                    | 3 840                | 13 377   | 95.5  |
| 1982 | 8 844                       | 15.4                                    | 3 596                | 11 202   | 80.6  |
| 1983 | 7 807                       | 12.3                                    | 3 392                | 9 374    | 68.4  |
| 1984 | 7 221                       | 10.3                                    | 3 540                | 8 265    | 62.4  |
| 1985 | 6 461                       | 8.4                                     | 3 564                | 6 955    | 54.8  |
| 1986 | 8 630                       | 10.4                                    | 4 139                | 9 983    | 72.8  |
| 1987 | 8 359                       | 10.3                                    | 4 373                | 9 410    | 70.3  |
| 1988 | 7 044                       | 8.8                                     | 4 190                | 7 461    | 58.7  |
| 1989 | 6 405                       | 7.2                                     | 3 930                | 6 571    | 52.4  |
| 1990 | 6 206                       | 6.4                                     | 3 910                | 6 155    | 49.6  |
| 1991 | 4 729                       | 4.6                                     | 3 305                | 4 308    | 37.1  |
| 1992 | 3 489                       | 3.2                                     | 2 717                | 2 929    | 27.3  |
| 1993 | 2 696                       | 2.3                                     | 2 349                | 2 115    | 21.4  |
| 1994 | 3 603                       | 3.0                                     | 3 094                | 2 937    | 28.6  |
| 1995 | 3 528                       | 2.8                                     | 3 065                | 2 933    | 28.2  |
| 1996 | 3 619                       | 2.6                                     | 2 990                | 2 939    | 27.7  |
| 1997 | 3 162                       | 2.1                                     | 2 735                | 2 428    | 23.9  |
| 1998 | 2 720                       | 1.7                                     | 2 507                | 2 007    | 20.7  |
| 1999 | 2 487                       | 1.5                                     | 2 392                | 1 636    | 18.3  |
| 2000 | 52 952                      | 31.8                                    | 3 388                | 66 895   | 316.8                                       |
| 2001 | 64 264                      | 37.3                                    | 3 344                | 80 612   | 375.8                                       |
| 2002 | 86 259                      | 48.8                                    | 2 861                | 109 594  | 500.6                                       |
| 2003 | 120 223                     | 66.0                                    | 2 718                | 156 303  | 704.8                                       |
| 2004 | 137 221                     | 72.8                                    | 2 634                | 179 108  | 802.5                                       |
| 2005 | 155 814                     | 79.8                                    | 2 894                | 203 087  | 906.2                                       |
| 2006 | 160 897                     | 80.1                                    | 3 140                | 211 176  | 939.0                                       |
| 2007 | 163 971                     | 80.0                                    | 2 573                | 216 927  | 957.8                                       |
| 2008 | 170 127                     | 81.4                                    | 2 224                | 227 423  | 998.6                                       |
| 2009 | 184 749                     | 87.0                                    | 2 092                | 246 994  | 1 079.3                                     |
| 2010 | 219 646                     | 101.9                                   | 2 047                | 293 793  | 1 278.4                                     |

**Notes :** 1.Cases of traffic accidents referred to deaths or seriously injuries only before 2000 and included cases of injuries not heavily afterwards.

2.The number of casualties of traffic accidents increased sharply because revised reporting system and new statistical process were inaugurated in 2000, which strengthened to follow cases of seriously injured.



## SOCIAL WELFARE

This chapter is concerned with statistics on social insurance, social assistance and relief, low income households, social welfare services, and social welfare expenditure. For social insurance, the data of Government Employees' and School Staffs' Insurance, and Retired Government Employees' Insurance are obtained from the *Statistical Data for Government Employee and School Staff Insurance, Republic of China*, published by Bank of Taiwan. Data on Labor Insurance and Farmers' Health Insurance come from the *Yearbook of Labor Insurance Statistics, Republic of China*, published by the Bureau of Labor Insurance. Statistics on National Health Insurance are obtained from the *National Health Insurance Annual Statistical Report*, published by the Bureau of National Health Insurance. Statistics on social welfare expenditure are obtained from the *Yearbook of Financial Statistics, Republic of China*, published by the Department of Statistics, Ministry of Finance. All other information comes from the *Monthly Bulletin of Interior Statistics*, and the *Statistical Yearbook of Interior, the Republic of China*, published by the Department of Statistics, Ministry of the Interior.

Social welfare statistics are compiled by the Ministry of Interior from monthly and quarterly reports regularly submitted by Municipal Governments. As it is hard to secure data concerning private social relief institutions, readers shall pay attention to revisions to data of the previous year.

Social Insurance -- It shall cover National Health Insurance, Government Employees' and School Staffs' Insurance, Retired Government Employees' Insurance, Labor Insurance, Farmers' Health Insurance and Employment Insurance.

Low Income Household -- Before FY1998, the criteria for a low income household were set by the provincial (or) municipal government every year on the basis of the minimum of subsistence required for each locality. In Taiwan Province and Kaohsiung Municipality, the minimum of subsistence were fixed at the level no more than one-third of monthly average income per capita for the previous year. In Taipei Municipality, the cut point was set at a level no more than 40 percent of the current expenditure derived from the survey on household income and expenditure for the previous year. After FY1999, the minimum of subsistence is computed by the central and municipal competent authorities as 60% of the per capita nonproductive expenditure of the latest year announced by the central department of budget, accounting and statistics.

Net Expenditure for Social Welfare -- The expenditure is compiled on a basis of fiscal year and it is net of the double counting arising from inter-governmental transfers. The social welfare expenditure covered social insurance (including pension), social assistance and social relief, social welfare services, employment service, medical care and public health, public housing and community development, and environment protection before FY1989. Since FY1990, it excluded expenditure on public housing and community development, environmental protection and the retired pension. Data from FY1981 to 1989 are recalculated by the definition of the social welfare expenditure made in 1990.

Table 88. Insured persons

| End of Year | National health insurance | Government employees' and school staffs' insurance | Retired government employees' insurance |
|-------------|---------------------------|--|---|
| 1981        | -                         | 431 647  | 9 224                                   |
| 1982        | -                         | 443 783  | 9 327                                   |
| 1983        | -                         | 452 881  | 9 637                                   |
| 1984        | -                         | 468 577  | 9 922                                   |
| 1985        | -                         | 475 663  | 4 952                                   |
| 1986        | -                         | 483 473  | 4 222                                   |
| 1987        | -                         | 489 772  | 3 632                                   |
| 1988        | -                         | 496 175  | 3 352                                   |
| 1989        | -                         | 515 387  | 3 155                                   |
| 1990        | -                         | 536 775  | 2 921                                   |
| 1991        | -                         | 549 615  | 2 747                                   |
| 1992        | -                         | 560 127  | 2 579                                   |
| 1993        | -                         | 572 122  | 2 409                                   |
| 1994        | -                         | 581 047  | 2 193                                   |
| 1995        | 19 123 278                | 588 354  | 1 710                                   |
| 1996        | 20 041 488                | 597 895  | 1 510                                   |
| 1997        | 20 492 317                | 600 026  | 1 363                                   |
| 1998        | 20 757 185                | 574 364  | 1 208                                   |
| 1999        | 21 089 859                | 623 016  | 1 100                                   |
| 2000        | 21 400 826                | 629 395  | 985                                     |
| 2001        | 21 653 555                | 629 358  | 906                                     |
| 2002        | 21 869 478                | 626 652  | 836                                     |
| 2003        | 21 984 415                | 622 851  | 762                                     |
| 2004        | 22 134 270                | 617 260  | 692                                     |
| 2005        | 22 314 647                | 591 158  | 634                                     |
| 2006        | 22 484 427                | 589 237  | 563                                     |
| 2007        | 22 803 048                | 590 808  | 502                                     |
| 2008        | 22 918 144                | 594 798  | 458                                     |
| 2009        | 23 025 773                | 597 983  | 416                                     |
| 2010        | 23 074 487                | 597 583  | 372                                     |

Notes : 1.Retired government employees' insurance has been stopped implementing since 1985. The part of medicare in above each insurance has been moved to National Health Insurance since March 1995.

2.Government Employees' and School Staffs' Insurance(GESSI) launched on May 31, 1999, was the combination of Government Employees' Insurance program(GEI) and Insurance for Teaching and Administrative Staffs of Private School (ITASPS). Data before 1998 covered GEI only, and that of 1999 was summation of GEI and ITASPS from Jan. to May, with GESSI from June to Dec.

**of social insurance**

Persons

| Labor insurance | Employment Insurance | Farmers' health insurance | Persons |                   |
|-----------------|----------------------|---------------------------|---------|-------------------|
|                 |                      |                           |         | Aged 65 and above |
| 2 781 512       | -                    | -                         | -       | -                 |
| 2 950 119       | -                    | -                         | -       | -                 |
| 3 322 977       | -                    | -                         | -       | -                 |
| 3 693 276       | -                    | -                         | -       | -                 |
| 4 049 472       | -                    | 100 739                   |         | 23 131            |
| 4 711 969       | -                    | 113 365                   |         | 27 174            |
| 5 321 733       | -                    | 218 021                   |         | 43 945            |
| 5 980 157       | -                    | 676 461                   |         | 180 954           |
| 6 549 661       | -                    | 1 344 155                 |         | 373 441           |
| 6 852 978       | -                    | 1 571 296                 |         | 442 269           |
| 7 281 445       | -                    | 1 653 676                 |         | 475 510           |
| 7 708 868       | -                    | 1 695 167                 |         | 498 703           |
| 8 144 183       | -                    | 1 708 488                 |         | 517 818           |
| 8 496 883       | -                    | 1 737 740                 |         | 541 497           |
| 7 635 063       | -                    | 1 800 187                 |         | 570 598           |
| 7 434 299       | -                    | 1 812 293                 |         | 592 833           |
| 7 500 917       | -                    | 1 812 260                 |         | 613 621           |
| 7 597 386       | -                    | 1 806 392                 |         | 632 992           |
| 7 738 971       | 4 804 183            | 1 800 059                 |         | 654 669           |
| 7 915 789       | 4 962 417            | 1 779 500                 |         | 670 233           |
| 7 779 127       | 4 819 919            | 1 766 854                 |         | 684 462           |
| 7 857 842       | 4 869 728            | 1 748 558                 |         | 701 480           |
| 8 102 570       | 5 024 816            | 1 710 122                 |         | 714 640           |
| 8 341 927       | 5 242 310            | 1 676 550                 |         | 727 814           |
| 8 540 755       | 5 369 278            | 1 646 035                 |         | 741 426           |
| 8 681 145       | 5 447 373            | 1 622 923                 |         | 754 241           |
| 8 799 405       | 5 507 865            | 1 601 410                 |         | 762 557           |
| 8 795 248       | 5 420 549            | 1 573 364                 |         | 765 983           |
| 9 029 279       | 5 584 169            | 1 540 988                 |         | 761 961           |
| 9 397 608       | 5 880 500            | 1 508 284                 |         | 752 299           |

3. Owing to the modification of National Health Insurance(NHI) Law on Jan. 30, 2001, all soldiers were insured. Therefore, data Of NHI insured persons since 2001 has not included that of the fourth category( including compulsory soldiers, etc.) for the sake of national security. And the figure of percent of the qualified was not available any more.

4. Unemployment Insurance Launched in Jan. 1999.The unemployment benefit belongs to the labor insurance system at first, after employment insurance implemented on January 1st in 2003,change to belong to employment insurance.

**Table 89. Expenditure for social assistance**

Thousand NT\$

| Year | Living assistance for low-income families <sup>1</sup> | Medical subsidies | Nursing care assistance for mid or low-income families | Aid for disasters | Aid for emergencies-by cash |
|------|--|-------------------|--|-------------------|-----------------------------|
| 1996 | 3 064 354 522  | 145 222 937       | -  | 374 207 751       | 311 432 940                 |
| 1997 | 3 260 097 017  | 157 616 329       | -  | 295 538 889       | 210 483 134                 |
| 1998 | 3 461 616 147  | 167 583 664       | -  | 212 540 621       | 235 284 213                 |
| 1999 | 3 703 543 737  | 102 525 465       | -  | 29 963 121 848    | 235 417 258                 |
| 2000 | 4 032 484 889  | 96 947 380        | -  | 629 455 638       | 239 486 894                 |
| 2001 | 4 141 763 479  | 101 727 598       | 102 086 152  | 968 864 488       | 214 056 822                 |
| 2002 | 4 174 047 421  | 104 851 072       | 91 907 148   | 178 999 352       | 205 359 625                 |
| 2003 | 4 451 909 359  | 89 630 957        | 95 233 657   | 81 288 200        | 199 139 830                 |
| 2004 | 4 712 809 685  | 105 216 697       | 92 457 002   | 662 711 598       | 245 920 668                 |
| 2005 | 5 002 108 520  | 93 763 626        | 104 289 186  | 547 738 500       | 217 938 907                 |
| 2006 | 5 282 871 932  | 87 395 574        | 101 704 636  | 84 219 438        | 215 961 088                 |
| 2007 | 5 447 436 621  | 93 117 712        | 109 650 561  | 132 553 485       | 268 450 651                 |
| 2008 | 5 910 069 185  | 84 022 523        | 114 107 649  | 188 700 276       | 273 655 482                 |
| 2009 | 7 420 258 884  | 98 165 582        | 121 669 314  | 821 797 601       | 245 764 283                 |
| 2010 | 7 619 473 626  | 99 083 642        | 128 706 945  | 792 256 996       | 283 733 349                 |

Notes : <sup>1</sup>Living assistance includes living support, student living assistance, employment counseling, education subsidies, funeral subsidies, primary festival grants and other subsidies for low-income families.

**Table 90. Low-income households and population**

| End of Year | Low-income households |                          | Low-income population |                          |
|-------------|-----------------------|--------------------------|-----------------------|--------------------------|
|             | Total (Households)    | As % of total households | Total (Persons)       | As % of total population |
| 1996        | 49 307                | 0.82                     | 115 542               | 0.54                     |
| 1997        | 49 780                | 0.80                     | 116 056               | 0.53                     |
| 1998        | 54 951                | 0.86                     | 125 426               | 0.57                     |
| 1999        | 58 310                | 0.89                     | 136 691               | 0.62                     |
| 2000        | 66 467                | 0.99                     | 156 134               | 0.70                     |
| 2001        | 67 191                | 0.99                     | 162 699               | 0.73                     |
| 2002        | 70 417                | 1.02                     | 171 200               | 0.76                     |
| 2003        | 76 406                | 1.08                     | 187 875               | 0.83                     |
| 2004        | 82 783                | 1.15                     | 204 216               | 0.90                     |
| 2005        | 84 823                | 1.16                     | 211 292               | 0.93                     |
| 2006        | 89 900                | 1.22                     | 218 166               | 0.95                     |
| 2007        | 90 682                | 1.21                     | 220 990               | 0.96                     |
| 2008        | 93 032                | 1.22                     | 223 697               | 0.97                     |
| 2009        | 105 265               | 1.35                     | 256 342               | 1.11                     |
| 2010        | 112 200               | 1.41                     | 273 361               | 1.18                     |

**Table 91. Assistance service organizations and inmates**

| End of Year | Total                         |                      | Houses for the aged           |                      | Children's home               |                      | Handicapped home              |                      |
|-------------|-------------------------------|----------------------|-------------------------------|----------------------|-------------------------------|----------------------|-------------------------------|----------------------|
|             | Organi-<br>zations<br>(Units) | Inmates<br>(Persons) | Organi-<br>zations<br>(Units) | Inmates<br>(Persons) | Organi-<br>zations<br>(Units) | Inmates<br>(Persons) | Organi-<br>zations<br>(Units) | Inmates<br>(Persons) |
| 1981        | 101                           | 14 996               | 35                            | 9 439                | 36                            | 3 724                | 30                            | 1 833                |
| 1982        | 102                           | 15 120               | 36                            | 9 801                | 35                            | 3 422                | 31                            | 1 897                |
| 1983        | 107                           | 16 002               | 37                            | 10 422               | 35                            | 3 391                | 35                            | 2 189                |
| 1984        | 108                           | 16 348               | 33                            | 10 492               | 39                            | 3 451                | 36                            | 2 405                |
| 1985        | 110                           | 16 461               | 36                            | 10 403               | 39                            | 3 420                | 35                            | 2 638                |
| 1986        | 122                           | 17 249               | 37                            | 10 483               | 39                            | 3 289                | 46                            | 3 477                |
| 1987        | 129                           | 17 916               | 35                            | 10 537               | 40                            | 3 410                | 54                            | 3 969                |
| 1988        | 141                           | 18 894               | 38                            | 10 873               | 41                            | 3 302                | 62                            | 4 719                |
| 1989        | 147                           | 18 632               | 40                            | 10 747               | 41                            | 3 145                | 66                            | 4 740                |
| 1990        | 143                           | 18 858               | 43                            | 10 756               | 42                            | 3 121                | 58                            | 4 981                |
| 1991        | 150                           | 19 163               | 45                            | 10 707               | 40                            | 2 777                | 65                            | 5 679                |
| 1992        | 157                           | 20 211               | 45                            | 11 349               | 41                            | 2 618                | 71                            | 6 244                |
| 1993        | 177                           | 18 863               | 53                            | 9 245                | 39                            | 2 656                | 85                            | 6 962                |
| 1994        | 190                           | 17 950               | 54                            | 8 185                | 41                            | 2 547                | 95                            | 7 218                |
| 1995        | 196                           | 18 120               | 61                            | 7 813                | 39                            | 2 441                | 96                            | 7 866                |
| 1996        | 218                           | 21 053               | 64                            | 9 283                | 41                            | 2 462                | 113                           | 9 308                |
| 1997        | 243                           | 22 026               | 70                            | 7 846                | 43                            | 2 481                | 130                           | 11 699               |
| 1998        | 262                           | 23 647               | 83                            | 9 779                | 41                            | 2 454                | 138                           | 11 414               |
| 1999        | 420                           | 24 984               | 237                           | 12 100               | 39                            | 2 281                | 144                           | 10 603               |
| 2000        | 748                           | 26 946               | 528                           | 17 737               | 42                            | 2 433                | 178                           | 6 776                |
| 2001        | 893                           | 34 584               | 658                           | 20 599               | 42                            | 2 362                | 193                           | 11 623               |
| 2002        | 1 044                         | 39 507               | 779                           | 24 730               | 42                            | 2 166                | 223                           | 12 611               |
| 2003        | 1 111                         | 44 082               | 827                           | 27 416               | 43                            | 2 126                | 241                           | 14 540               |
| 2004        | 1 172                         | 47 746               | 886                           | 30 251               | 42                            | 1 913                | 244                           | 15 582               |
| 2005        | 1 201                         | 50 208               | 912                           | 32 359               | 45                            | 1 944                | 244                           | 15 905               |
| 2006        | 1 239                         | 52 863               | 944                           | 34 496               | 47                            | 1 997                | 248                           | 16 370               |
| 2007        | 1 305                         | 55 769               | 1 002                         | 36 651               | 49                            | 2 116                | 254                           | 17 002               |
| 2008        | 1 356                         | 57 997               | 1 042                         | 38 273               | 50                            | 2 267                | 264                           | 17 457               |
| 2009        | 1 393                         | 60 408               | 1 066                         | 40 183               | 57                            | 2 307                | 270                           | 17 918               |
| 2010        | 1 389                         | 62 511               | 1 053                         | 41 519               | 60                            | 2 394                | 276                           | 18 598               |

Notes : 1.Data do not include Kinmen County and Lienchiang County before 1996.

2.Houses for the aged referred to caring and nursing organization for aged people while handicapped home referred to institutions for physically and mentally disabled people from 1995.

Table 92. General conditions of nursery

| End of Year | Nurseries              |                                 | Community nurseries    |                                 |
|-------------|------------------------|---------------------------------|------------------------|---------------------------------|
|             | Nurseries<br>(Numbers) | Number of children<br>(Persons) | Nurseries<br>(Numbers) | Number of children<br>(Persons) |
| 1981        | 821                    | 80 677                          | 2 398                  | 111 693                         |
| 1982        | 881                    | 83 707                          | 2 525                  | 111 319                         |
| 1983        | 1 005                  | 92 547                          | 2 700                  | 126 233                         |
| 1984        | 1 134                  | 97 583                          | 2 811                  | 128 156                         |
| 1985        | 1 210                  | 97 646                          | 2 834                  | 132 873                         |
| 1986        | 1 287                  | 105 061                         | 2 872                  | 128 749                         |
| 1987        | 1 433                  | 118 260                         | 2 843                  | 133 242                         |
| 1988        | 1 423                  | 120 702                         | 2 824                  | 127 242                         |
| 1989        | 1 413                  | 126 595                         | 2 451                  | 106 967                         |
| 1990        | 1 360                  | 124 366                         | 2 385                  | 114 294                         |
| 1991        | 1 363                  | 121 638                         | 2 550                  | 124 719                         |
| 1992        | 1 328                  | 115 920                         | 2 433                  | 117 778                         |
| 1993        | 1 270                  | 112 509                         | 2 394                  | 117 272                         |
| 1994        | 1 287                  | 117 226                         | 2 363                  | 116 554                         |
| 1995        | 1 357                  | 116 377                         | 1 931                  | 106 976                         |
| 1996        | 1 775                  | 204 560                         | 447                    | 30 407                          |
| 1997        | 2 047                  | 232 898                         | 257                    | 13 520                          |
| 1998        | 2 281                  | 239 105                         | 168                    | 9 417                           |
| 1999        | 2 576                  | 250 951                         | 139                    | 8 210                           |
| 2000        | 3 250                  | 302 169                         | 95                     | 7 547                           |
| 2001        | 3 513                  | 311 688                         | 87                     | 7 230                           |
| 2002        | 3 801                  | 319 517                         | 96                     | 7 608                           |
| 2003        | 3 996                  | 298 095                         | 86                     | 4 476                           |
| 2004        | 4 184                  | 295 385                         | 73                     | 4 872                           |
| 2005        | 4 240                  | 285 768                         | 67                     | 4 450                           |
| 2006        | 4 150                  | 264 133                         | 63                     | 3 722                           |
| 2007        | 4 066                  | 250 723                         | 46                     | 3 483                           |
| 2008        | 3 972                  | 235 899                         | 36                     | 2 321                           |
| 2009        | 3 852                  | 237 971                         | 35                     | 2 201                           |
| 2010        | 3 813                  | 235 397                         | 12                     | 1 545                           |

Notes : 1.Data do not include Kinmen County and Lienchiang County before 1996.  
2.Part of the community nurseries were abolished or merged from 1995.



**Table 93. Net expenditure on social welfare**

| Fiscal Year | Net expenditure for social welfare by general government |                               |             | Per capita net benefit<br>from social welfare<br>(NT\$) |
|-------------|--|-------------------------------|-------------|---|
|             | Total <sup>1</sup><br>(Thousand NT\$)                    | As % of total net expenditure | As % of GNP |   |
| 1981 r      | 16 549 485   | 3.9                           | 1.0         | 918   |
| 1982        | 26 883 793   | 5.5                           | 1.4         | 1 478   |
| 1983        | 32 518 200   | 6.6                           | 1.6         | 1 756   |
| 1984        | 33 911 201   | 6.7                           | 1.5         | 1 805   |
| 1985        | 34 279 484   | 6.3                           | 1.4         | 1 798   |
| 1986        | 40 591 479   | 6.6                           | 1.5         | 2 102   |
| 1987        | 37 085 134   | 5.8                           | 1.2         | 1 901   |
| 1988        | 55 169 160   | 7.6                           | 1.6         | 2 797   |
| 1989        | 65 488 382   | 5.4                           | 1.7         | 3 282   |
| 1990        | 96 207 023   | 8.8                           | 2.2         | 4 773   |
| 1991        | 117 771 908  | 9.2                           | 2.5         | 5 744   |
| 1992        | 135 040 121  | 8.6                           | 2.5         | 6 522   |
| 1993        | 145 758 829  | 8.3                           | 2.4         | 6 974   |
| 1994        | 158 523 241  | 8.7                           | 2.4         | 7 518   |
| 1995        | 231 765 959  | 12.1                          | 3.3         | 10 898  |
| 1996        | 290 002 141  | 15.7                          | 3.8         | 13 525  |
| 1997        | 294 982 386  | 15.7                          | 3.6         | 13 635  |
| 1998        | 282 766 789  | 14.2                          | 3.1         | 12 950  |
| 1999        | 280 452 253  | 13.7                          | 2.9         | 12 742  |
| 2000        | 531 808 684  | 16.9                          | 3.5         | 16 231  |
| 2001        | 396 980 708  | 17.5                          | 3.9         | 17 769  |
| 2002        | 323 614 630  | 15.1                          | 3.0         | 14 406  |
| 2003        | 346 911 365  | 15.7                          | 3.1         | 15 375  |
| 2004        | 347 557 298  | 15.5                          | 3.0         | 15 347  |
| 2005        | 357 762 268  | 15.6                          | 3.0         | 15 740  |
| 2006        | 370 302 873  | 16.7                          | 2.9         | 16 225  |
| 2007        | 372 202 180  | 16.3                          | 2.8         | 16 241  |
| 2008        | 368 136 275  | 15.7                          | 2.8         | 16 008  |
| 2009 r      | 388 561 948  | 14.5                          | 3.0         | 16 837  |
| 2010        | 415 433 547  | 16.2                          | 3.0         | 17 952  |

Notes : <sup>1</sup>Prior to 2003, the figures are final audit accounts; since 2003, the figures are final account



## NATIONAL ECONOMICS

This chapter is concerned with information on national income, family income and expenditure and industrial inter-relations, all coming from the Directorate-General of Budget, Accounting and Statistics, Executive Yuan. Statistics for national income and industrial inter-relations, compiled based on the principles set by the United Nations, are incorporated in the *National Accounts Yearbook* and *the Report on 2006 Input-Output Tables*. Data on family income and expenditure, derived from the family income and expenditure survey, are contained in the *Report on the Survey of Family Income and Expenditure*.

In 1953, our country began compiling annual national income statistics in Taiwan area, based on the system of national accounts by the United Nations. Preliminary Compilation of quarterly national product and income statistics started in 1970. Beginning in 1978, a macro-econometric model has been used to forecast economic conditions for the current quarter. The forecasts together with the preliminary statistics for the previous quarter are compiled into the *Quarterly National Economic Trends* published in every February, May, August, and November of a year. In 1986, the prediction was extended to cover a quarter beyond the current one, an additional quarter in 1987, and four quarters to come in 1988. Our country adopted the UN national economic account system, as revised by the United Nations in 1993, and compiled national income statistics in November 2005. Data have been revised and released every 5 years, for years ending in “3” and “8”, according to system of national accounts, sourcing from Industrial and Commercial Census, etc. Industrial classification has been revised, according to the eighth edition of *Standard Industrial Classification of the Republic of China*, and related date have been traced back to 1981.

This country started preparation of statistics on personal income distribution in 1964, a sampling survey on household income and expenditure in the Taiwan area. This survey adopts a stratified two-stage sampling method with counties and cities as subpopulations. The Ts'un and Li, a basic administrative unit, is designated as the primary sampling unit (PSU), and the household in the PSU is the secondary sampling unit (SSU). The universal sampling rate is about 0.20%, which is about 14,000 households.

The objects of the family income and expenditure sampling survey are R.O.C. nationals dwelling in Taiwan area and the families these R.O.C. nationals have organized to live together economically. Interview and bookkeeping are both adopted in the survey. The survey uses the stratified two-stage sampling method to draw out families for interview, some of which are again drawn to do bookkeeping. Data for dynamic changes are based on cumulation for the entire year while static data, at the end of the survey year. Its history can be divided into 13 stages as follows:

Stage 1 (1964-1970): During the period, the survey was conducted every other year, and the ratio of samples drawn -- samples as a share of total households-raise in the range from 0.13% to 0.16%.

Stage 2 (1972-1974): The frequency of the survey was changed to once every year, and the ratio of samples drawn was raised to 0.18%.

Stage 3 (1975-1977): The survey was undertaken annually, and the ratio of samples drawn was raised to 0.3%.

Stage 4 (1978-1983): The survey was undertaken annually, and the ratio of samples drawn was raised to 0.4%.

Stage 5 (1984-1994): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 16,434 households.

Stage 6 (Since 1995): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 14,706 households.

Stage 7 (Since 1996): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 13,702 households.

Stage 8 (Since 1997): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 13,701 households.

Stage 9 (Since 1998): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 14,031 households.

Stage 10 (1999-2000): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 13,801 households.

Stage 11 (Since 2001): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 13,601 households.

Stage 12 (2002-2005): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 13,681 households.

Stage 13 (Since 2006): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 13,776 households.

In our country, the Input-Output tables had been compiled for the first time in 1960. The first table for 1954 was built by Professor Hsing Mu-huan. The second table for 1955 was compiled by the Joint Commission on Rural Reconstruction, which has been reorganized to the present Council of Agriculture. Subsequently, the Council for International Economic Cooperation and Development, which has been reorganized to the present Council for Economic Planning and Development, compiled the eight tables for 1961, 1964, 1966, 1969, 1971, 1974, 1976, and 1979. The Directorate-General of Budget, Accounting and Statistics took over the job in 1982, preparing the tables for 1981, 1984, 1986, 1989, 1991, 1994, 1996, 1999, 2001, 2004 and 2006. The Input-Output tables for 2006 is composed of tables for purchasers' trading price, producers' trading prices, input coefficients, impact coefficients, trading of domestic manufactured products, and trading of import products. Besides the benchmark Input-Output tables (commodity by commodity) compiled every 5 years, the annual Input-Output table (commodity by industry) had been compiled every year since 2010. Results will be released in every December of a year following the data year, and the revision for the previous one will be released together.

Table 94. Key indicators of national income

| Year   | GDP                      |                                | National income          |                                   | Per capita |        |         |        |                              |                                  |
|--------|--------------------------|--------------------------------|--------------------------|-----------------------------------|------------|--------|---------|--------|------------------------------|----------------------------------|
|        | Amount<br>(Million US\$) | Economic<br>growth rate<br>(%) | Amount<br>(Million US\$) | Annual rate<br>of increase<br>(%) | GDP        |        | GNP     |        | National<br>income<br>(US\$) | Private<br>consumption<br>(US\$) |
|        |                          |                                |                          |                                   | (NT\$)     | (US\$) | (NT\$)  | (US\$) |                              |                                  |
| 1981   | 49 221                   | 6.46                           | 44 261                   | 16.30                             | 100 434    | 2 730  | 99 899  | 2 715  | 2 455                        | 1 435                            |
| 1982 r | 49 621                   | 3.97                           | 44 865                   | 1.36                              | 105 758    | 2 703  | 105 721 | 2 702  | 2 444                        | 1 434                            |
| 1983 r | 54 122                   | 8.32                           | 48 791                   | 8.75                              | 116 235    | 2 902  | 116 409 | 2 906  | 2 616                        | 1 486                            |
| 1984 r | 60 938                   | 9.32                           | 55 790                   | 14.34                             | 127 543    | 3 219  | 129 127 | 3 259  | 2 947                        | 1 621                            |
| 1985 r | 63 149                   | 4.07                           | 58 439                   | 4.75                              | 131 158    | 3 290  | 133 615 | 3 352  | 3 045                        | 1 683                            |
| 1986   | 77 781                   | 11.00                          | 73 080                   | 25.05                             | 151 663    | 4 007  | 155 628 | 4 112  | 3 765                        | 1 891                            |
| 1987 r | 103 290                  | 10.68                          | 97 053                   | 32.80                             | 167 806    | 5 265  | 171 545 | 5 383  | 4 947                        | 2 501                            |
| 1988 r | 121 935                  | 5.57                           | 118 014                  | 21.60                             | 175 837    | 6 146  | 180 745 | 6 318  | 5 948                        | 3 178                            |
| 1989 r | 151 580                  | 10.28                          | 143 084                  | 21.24                             | 199 608    | 7 558  | 204 632 | 7 748  | 7 134                        | 4 020                            |
| 1990 r | 164 747                  | 6.87                           | 154 678                  | 8.10                              | 218 456    | 8 124  | 224 241 | 8 339  | 7 628                        | 4 381                            |
| 1991   | 184 870                  | 7.88                           | 173 726                  | 12.31                             | 241 822    | 9 016  | 248 433 | 9 263  | 8 473                        | 4 850                            |
| 1992 r | 219 974                  | 7.56                           | 203 796                  | 17.31                             | 267 315    | 10 625 | 273 147 | 10 856 | 9 843                        | 5 814                            |
| 1993 r | 231 531                  | 6.73                           | 214 086                  | 5.05                              | 292 363    | 11 079 | 297 820 | 11 285 | 10 244                       | 6 125                            |
| 1994 r | 252 665                  | 7.59                           | 233 388                  | 9.02                              | 317 049    | 11 982 | 322 148 | 12 175 | 11 068                       | 6 826                            |
| 1995 r | 274 728                  | 6.38                           | 252 697                  | 8.27                              | 342 188    | 12 918 | 347 404 | 13 115 | 11 882                       | 7 383                            |
| 1996   | 287 912                  | 5.54                           | 264 373                  | 4.62                              | 368 729    | 13 428 | 373 836 | 13 614 | 12 330                       | 7 779                            |
| 1997 r | 298 773                  | 5.48                           | 273 713                  | 3.53                              | 396 355    | 13 810 | 400 497 | 13 955 | 12 652                       | 8 001                            |
| 1998 r | 275 080                  | 3.47                           | 249 347                  | - 8.90                            | 421 519    | 12 598 | 424 659 | 12 692 | 11 419                       | 7 325                            |
| 1999 r | 299 010                  | 5.97                           | 270 267                  | 8.39                              | 438 384    | 13 585 | 442 497 | 13 712 | 12 279                       | 7 977                            |
| 2000 r | 326 205                  | 5.80                           | 295 038                  | 9.17                              | 459 212    | 14 704 | 465 502 | 14 906 | 13 299                       | 8 643                            |
| 2001   | 293 712                  | - 1.65                         | 264 092                  | - 10.49                           | 444 489    | 13 147 | 453 084 | 13 401 | 11 821                       | 7 980                            |
| 2002 r | 301 088                  | 5.26                           | 271 298                  | 2.73                              | 463 498    | 13 404 | 474 294 | 13 716 | 12 077                       | 8 030                            |
| 2003 r | 310 757                  | 3.67                           | 283 146                  | 4.37                              | 474 069    | 13 773 | 488 645 | 14 197 | 12 549                       | 8 239                            |
| 2004 r | 339 973                  | 6.19                           | 308 044                  | 8.79                              | 501 849    | 15 012 | 518 280 | 15 503 | 13 602                       | 8 993                            |
| 2005 r | 364 832                  | 4.70                           | 327 581                  | 6.34                              | 516 516    | 16 051 | 529 313 | 16 449 | 14 412                       | 9 694                            |
| 2006   | 376 375                  | 5.44                           | 336 050                  | 2.59                              | 536 442    | 16 491 | 550 099 | 16 911 | 14 724                       | 9 763                            |
| 2007 r | 393 134                  | 5.98                           | 348 166                  | 3.61                              | 563 349    | 17 154 | 577 869 | 17 596 | 15 192                       | 9 974                            |
| 2008 r | 400 132                  | 0.73                           | 349 424                  | 0.36                              | 548 757    | 17 399 | 562 439 | 17 833 | 15 194                       | 10 492                           |
| 2009 r | 377 410                  | - 1.93                         | 329 350                  | - 5.74                            | 540 643    | 16 353 | 558 565 | 16 895 | 14 271                       | 9 935                            |
| 2010   | 430 096                  | 10.88                          | 379 776                  | 15.31                             | 587 892    | 18 588 | 605 921 | 19 155 | 16 413                       | 10 787                           |

Notes : National income = GNP-Consumption of fixed capital-Statistical discrepancy

Table 95. Expenditure on the

| Item   | 1994              | 1995             | 1996             | 1997             | 1998             | 1999             | 2000              |
|--|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
|  | <b>At Current</b> |                  |                  |                  |                  |                  |                   |
| Government final consumption expenditure         | 996 635           | 1 064 946        | 1 172 303        | 1 279 905        | 1 364 414        | 1 331 713        | 1 362 909         |
| Private final consumption expenditure            | 3 808 328         | 4 159 170        | 4 580 397        | 4 967 841        | 5 351 560        | 5 665 865        | 5 987 733         |
| Increase in inventories                          | 54 508            | 44 508           | 10 578           | 85 102           | 90 373           | 57 197           | 91 197            |
| Gross fixed capital formation                    | 1 720 633         | 1 897 737        | 1 884 088        | 2 065 382        | 2 302 142        | 2 351 957        | 2 524 443         |
| Exports of goods and services                    | 2 864 207         | 3 421 518        | 3 700 076        | 4 086 505        | 4 359 751        | 4 562 172        | 5 392 441         |
| Less : Imports of goods and services             | 2 758 806         | 3 310 334        | 3 441 367        | 3 909 951        | 4 264 066        | 4 319 855        | 5 171 329         |
| <b>Expenditure on the gross domestic product</b> | <b>6 685 505</b>  | <b>7 277 545</b> | <b>7 906 075</b> | <b>8 574 784</b> | <b>9 204 174</b> | <b>9 649 049</b> | <b>10 187 394</b> |
|  | <b>At 2006</b>    |                  |                  |                  |                  |                  |                   |
| Government final consumption expenditure         | 1 207 855         | 1 258 650        | 1 349 166        | 1 426 928        | 1 478 508        | 1 420 257        | 1 437 459         |
| Private final consumption expenditure            | 4 339 872         | 4 595 891        | 4 913 456        | 5 255 821        | 5 587 276        | 5 870 777        | 6 149 541         |
| Increase in inventories                          | 72 014            | 53 137           | 19 702           | 106 306          | 114 666          | 74 486           | 107 491           |
| Gross fixed capital formation                    | 2 040 093         | 2 181 805        | 2 208 274        | 2 397 302        | 2 572 641        | 2 622 123        | 2 812 736         |
| Exports of goods and services                    | 3 021 069         | 3 407 835        | 3 645 218        | 3 957 487        | 4 031 728        | 4 526 272        | 5 355 033         |
| Less : Imports of goods and services             | 3 596 499         | 3 961 035        | 4 182 306        | 4 754 827        | 5 105 004        | 5 315 817        | 6 131 052         |
| <b>Expenditure on the gross domestic product</b> | <b>7 084 404</b>  | <b>7 536 283</b> | <b>7 953 510</b> | <b>8 389 017</b> | <b>8 679 815</b> | <b>9 198 098</b> | <b>9 731 208</b>  |

Table 96. Gross

| Item                           | 1994              | 1995             | 1996             | 1997             | 1998             | 1999             | 2000              |
|--------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
|                                | <b>At Current</b> |                  |                  |                  |                  |                  |                   |
| Compensation of employees      | 3 419 941         | 3 711 990        | 3 994 101        | 4 277 342        | 4 488 409        | 4 653 349        | 4 893 571         |
| Operating surplus              | 1 993 283         | 2 174 413        | 2 487 404        | 2 782 756        | 3 089 222        | 3 307 088        | 3 519 057         |
| Consumption of fixed capital   | 634 503           | 719 330          | 755 894          | 812 352          | 932 761          | 1 017 538        | 1 107 254         |
| Net indirect taxes             | 654 711           | 696 634          | 668 676          | 705 845          | 696 964          | 670 561          | 661 851           |
| Plus : Statistical discrepancy | - 16 933          | - 24 822         | -                | - 3 511          | - 3 182          | 513              | 5 661             |
| <b>Gross domestic product</b>  | <b>6 685 505</b>  | <b>7 277 545</b> | <b>7 906 075</b> | <b>8 574 784</b> | <b>9 204 174</b> | <b>9 649 049</b> | <b>10 187 394</b> |
|                                | <b>At 2006</b>    |                  |                  |                  |                  |                  |                   |
| Domestic factor income         | 5 735 145         | 6 118 221        | 6 485 974        | 6 833 392        | 7 095 427        | 7 532 198        | 7 961 407         |
| Consumption of fixed capital   | 682 175           | 750 044          | 819 779          | 895 314          | 988 116          | 1 085 010        | 1 192 937         |
| Net indirect taxes             | 652 591           | 672 174          | 647 757          | 675 124          | 664 059          | 652 434          | 641 924           |
| Plus : Statistical discrepancy | 14 493            | - 4 156          | -                | - 14 813         | - 67 787         | - 71 544         | - 65 060          |
| <b>Gross domestic product</b>  | <b>7 084 404</b>  | <b>7 536 283</b> | <b>7 953 510</b> | <b>8 389 017</b> | <b>8 679 815</b> | <b>9 198 098</b> | <b>9 731 208</b>  |

**gross domestic product**

Million NT\$

| 2001                   | 2002              | 2003              | 2004              | 2005              | 2006              | 2007              | 2008 <sup>r</sup> | 2009 <sup>r</sup> | 2010              |
|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Prices</b>          |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 1 391 434              | 1 412 451         | 1 416 425         | 1 444 872         | 1 463 234         | 1 469 296         | 1 521 102         | 1 563 634         | 1 617 455         | 1 659 935         |
| 6 027 593              | 6 237 569         | 6 398 604         | 6 808 382         | 7 090 739         | 7 248 344         | 7 506 467         | 7 609 995         | 7 579 888         | 7 895 553         |
| - 63 208               | - 43 864          | 12 304            | 100 180           | 32 404            | 46 283            | 14 456            | 160 383           | - 152 308         | 124 062           |
| 2 033 527              | 2 057 650         | 2 117 282         | 2 592 909         | 2 635 451         | 2 730 670         | 2 841 353         | 2 665 928         | 2 355 744         | 2 953 273         |
| 4 962 159              | 5 436 642         | 5 935 611         | 6 980 987         | 7 341 705         | 8 325 717         | 9 304 061         | 9 208 653         | 7 796 555         | 10 018 572        |
| 4 421 118              | 4 688 809         | 5 183 969         | 6 562 038         | 6 823 254         | 7 576 839         | 8 276 928         | 8 588 443         | 6 720 152         | 9 047 918         |
| <b>9 930 387</b>       | <b>10 411 639</b> | <b>10 696 257</b> | <b>11 365 292</b> | <b>11 740 279</b> | <b>12 243 471</b> | <b>12 910 511</b> | <b>12 620 150</b> | <b>12 477 182</b> | <b>13 603 477</b> |
| <b>Constant Prices</b> |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 1 464 181              | 1 486 823         | 1 468 602         | 1 477 006         | 1 479 824         | 1 469 296         | 1 499 966         | 1 512 363         | 1 571 105         | 1 598 797         |
| 6 210 017              | 6 412 727         | 6 599 393         | 6 940 690         | 7 141 820         | 7 248 344         | 7 399 430         | 7 330 490         | 7 409 889         | 7 680 532         |
| - 80 627               | - 59 812          | 12 679            | 104 189           | 34 223            | 46 283            | 12 867            | 134 441           | - 153 455         | 133 095           |
| 2 309 094              | 2 334 948         | 2 332 482         | 2 658 055         | 2 728 700         | 2 730 670         | 2 745 800         | 2 406 517         | 2 141 592         | 2 643 609         |
| 4 894 600              | 5 450 907         | 6 008 285         | 6 933 851         | 7 473 089         | 8 325 717         | 9 120 880         | 9 200 037         | 8 398 703         | 10 553 297        |
| 5 226 681              | 5 551 256         | 5 977 448         | 7 023 317         | 7 245 563         | 7 576 839         | 7 802 958         | 7 513 167         | 6 548 899         | 8 395 405         |
| <b>9 570 584</b>       | <b>10 074 337</b> | <b>10 443 993</b> | <b>11 090 474</b> | <b>11 612 093</b> | <b>12 243 471</b> | <b>12 975 985</b> | <b>13 070 681</b> | <b>12 818 935</b> | <b>14 213 925</b> |

**domestic product**

Million NT\$

| 2001                   | 2002              | 2003              | 2004              | 2005              | 2006              | 2007              | 2008 <sup>r</sup> | 2009 <sup>r</sup> | 2010              |
|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Prices</b>          |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 4 799 050              | 4 791 056         | 4 957 883         | 5 199 412         | 5 436 252         | 5 698 931         | 5 850 552         | 5 936 309         | 5 724 071         | } 10 859 372      |
| 3 332 529              | 3 694 321         | 3 882 051         | 4 029 449         | 4 095 325         | 4 204 829         | 4 531 469         | 4 094 484         | 4 132 953         |                   |
| 1 193 448              | 1 234 946         | 1 306 307         | 1 441 236         | 1 510 609         | 1 623 473         | 1 742 202         | 1 909 114         | 1 945 767         | 2 008 242         |
| 605 360                | 653 621           | 637 066           | 696 965           | 719 123           | 716 238           | 718 992           | 675 386           | 617 690           | 734 418           |
| -                      | 37 695            | - 27 050          | - 1 770           | - 21 030          | -                 | 67 296            | 4 857             | 56 701            | 1 445             |
| <b>9 930 387</b>       | <b>10 411 639</b> | <b>10 696 257</b> | <b>11 365 292</b> | <b>11 740 279</b> | <b>12 243 471</b> | <b>12 910 511</b> | <b>12 620 150</b> | <b>12 477 182</b> | <b>13 603 477</b> |
| <b>Constant Prices</b> |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 7 696 095              | 8 070 659         | 8 418 566         | 8 920 477         | 9 336 304         | 9 903 760         | 10 544 671        | 10 647 388        | 10 446 079        | 11 737 567        |
| 1 285 467              | 1 337 703         | 1 391 470         | 1 463 309         | 1 550 585         | 1 623 473         | 1 692 330         | 1 750 447         | 1 763 121         | 1 801 135         |
| 589 022                | 637 455           | 629 758           | 708 350           | 721 294           | 716 238           | 711 281           | 651 060           | 596 533           | 706 409           |
| -                      | 28 520            | 4 199             | - 1 662           | 3 910             | -                 | 27 703            | 21 786            | 13 202            | - 31 186          |
| <b>9 570 584</b>       | <b>10 074 337</b> | <b>10 443 993</b> | <b>11 090 474</b> | <b>11 612 093</b> | <b>12 243 471</b> | <b>12 975 985</b> | <b>13 070 681</b> | <b>12 818 935</b> | <b>14 213 925</b> |

**Table 97. Gross domestic**

| Item  | 1996             | 1997             | 1998             | 1999             | 2000              | 2001              |
|---|------------------|------------------|------------------|------------------|-------------------|-------------------|
|   |                  |                  |                  |                  |                   | <b>at current</b> |
| Agriculture, forestry, fishing and animal husbandry | 242 266          | 210 710          | 219 118          | 236 720          | 205 434           | 188 593           |
| Mining and quarrying                                | 47 962           | 59 565           | 71 041           | 65 139           | 51 487            | 48 110            |
| Manufacturing                                       | 1 958 249        | 2 117 262        | 2 250 021        | 2 308 308        | 2 508 213         | 2 306 353         |
| Electricity and gas supply                          | 164 428          | 170 061          | 179 425          | 181 951          | 181 715           | 183 154           |
| Water supply and remediation services               | 43 803           | 45 368           | 46 702           | 47 700           | 47 789            | 48 877            |
| Construction  | 355 114          | 371 868          | 367 425          | 344 507          | 317 766           | 267 667           |
| Wholesale and retail trade                          | 1 185 344        | 1 313 014        | 1 453 951        | 1 585 784        | 1 745 878         | 1 699 937         |
| Transportation and storage                          | 343 818          | 372 411          | 400 114          | 423 478          | 413 114           | 412 398           |
| Accommodation and food services                     | 141 176          | 159 123          | 175 487          | 188 644          | 205 669           | 206 706           |
| Information and communication                       | 208 257          | 235 568          | 287 969          | 320 276          | 374 417           | 393 845           |
| Finance and insurance                               | 611 164          | 742 666          | 770 819          | 836 693          | 846 016           | 816 794           |
| Real estate   | 729 163          | 761 492          | 809 867          | 831 813          | 875 432           | 884 928           |
| Professional, scientific and technical services     | 133 635          | 146 270          | 159 263          | 169 219          | 177 162           | 179 288           |
| Support services                                    | 51 750           | 61 358           | 69 199           | 79 919           | 87 909            | 99 367            |
| Public administration and defence                   | 662 264          | 696 826          | 733 567          | 768 845          | 804 451           | 810 088           |
| Education   | 297 934          | 331 838          | 362 493          | 391 385          | 415 867           | 457 411           |
| Human health and social work services               | 172 244          | 192 669          | 219 145          | 239 725          | 259 327           | 277 393           |
| Arts, entertainment and recreation                  | 62 600           | 67 620           | 75 593           | 79 133           | 82 415            | 87 612            |
| Other services                                      | 188 765          | 199 679          | 232 187          | 236 307          | 257 069           | 275 519           |
| <b>Subtotal</b>                                     | <b>7 599 936</b> | <b>8 255 368</b> | <b>8 883 386</b> | <b>9 335 546</b> | <b>9 857 130</b>  | <b>9 644 040</b>  |
| Plus : Import duties                                | 150 456          | 158 030          | 153 416          | 139 348          | 146 443           | 119 100           |
| Plus : Value-added tax                              | 155 683          | 164 897          | 170 554          | 173 642          | 178 160           | 167 247           |
| <b>Total( production approach)</b>                  | <b>7 906 075</b> | <b>8 578 295</b> | <b>9 207 356</b> | <b>9 648 536</b> | <b>10 181 733</b> | <b>9 930 387</b>  |
| Plus : Statistical discrepancy                      | -                | - 3 511          | - 3 182          | 513              | 5 661             | -                 |
| <b>Gross domestic product</b>                       | <b>7 906 075</b> | <b>8 574 784</b> | <b>9 204 174</b> | <b>9 649 049</b> | <b>10 187 394</b> | <b>9 930 387</b>  |

**Table 98. National**

| Item  | 1996             | 1997 <sup>r</sup> | 1998 <sup>r</sup> | 1999 <sup>r</sup> | 2000 <sup>r</sup> | 2001             |
|---|------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Compensation of employees                         | 3 994 101        | 4 277 342         | 4 488 409         | 4 653 349         | 4 893 571         | 4 799 050        |
| Operating surplus                                 | 2 487 404        | 2 782 756         | 3 089 222         | 3 307 088         | 3 519 057         | 3 332 529        |
| <b>Domestic factor income</b>                     | <b>6 481 505</b> | <b>7 060 098</b>  | <b>7 577 631</b>  | <b>7 960 437</b>  | <b>8 412 628</b>  | <b>8 131 579</b> |
| Compensation of employees from ROW, net           | - 4 668          | - 5 568           | - 12 546          | - 12 747          | - 14 681          | - 12 680         |
| Property and entrepreneurial income from ROW, net | 114 170          | 95 179            | 81 097            | 103 265           | 154 239           | 204 704          |
| Net indirect taxes                                | 668 676          | 705 845           | 696 964           | 670 561           | 661 851           | 605 360          |
| <b>National income at market prices</b>           | <b>778 178</b>   | <b>795 456</b>    | <b>765 515</b>    | <b>761 079</b>    | <b>801 409</b>    | <b>797 384</b>   |
| Other current transfers from ROW, net             | - 68 288         | - 63 404          | - 51 088          | - 74 770          | - 81 336          | - 92 444         |
| <b>National disposable income</b>                 | <b>7 191 395</b> | <b>7 792 150</b>  | <b>8 292 058</b>  | <b>8 646 746</b>  | <b>9 132 701</b>  | <b>8 836 519</b> |

Notes : ROW stands for 'the rest of the world'.



## product by kind of activity

Million NT\$

| 2002              | 2003              | 2004              | 2005              | 2006              | 2007              | 2008 <sup>r</sup> | 2009 <sup>r</sup> | 2010              |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>prices</b>     |                   |                   |                   |                   |                   |                   |                   |                   |
| 188 436           | 183 581           | 190 733           | 195 833           | 197 589           | 191 621           | 201 799           | 215 869           | 214 622           |
| 52 099            | 43 610            | 47 946            | 44 718            | 39 444            | 58 627            | 20 734            | 51 691            | 63 001            |
| 2 595 812         | 2 801 855         | 3 047 086         | 3 120 118         | 3 239 070         | 3 405 858         | 3 132 252         | 2 960 300         | 3 573 474         |
| 189 020           | 188 087           | 161 630           | 155 864           | 147 526           | 124 719           | 65 301            | 169 645           | 163 565           |
| 53 536            | 59 115            | 64 443            | 70 773            | 77 454            | 83 858            | 83 286            | 82 244            | 85 407            |
| 261 516           | 253 520           | 288 093           | 284 824           | 332 438           | 357 606           | 363 274           | 332 724           | 377 341           |
| 1 744 101         | 1 785 113         | 1 941 499         | 2 073 677         | 2 188 716         | 2 340 289         | 2 390 445         | 2 319 345         | 2 473 768         |
| 421 717           | 408 507           | 426 864           | 413 665           | 394 318           | 411 981           | 395 054           | 378 857           | 414 151           |
| 207 752           | 204 743           | 215 478           | 229 558           | 234 114           | 244 824           | 251 023           | 254 893           | 268 299           |
| 394 088           | 403 079           | 408 597           | 410 648           | 415 443           | 442 440           | 455 728           | 459 034           | 472 662           |
| 832 267           | 807 274           | 859 478           | 900 684           | 891 545           | 931 976           | 915 973           | 795 744           | 866 656           |
| 855 445           | 892 972           | 926 654           | 960 160           | 1 045 155         | 1 095 719         | 1 108 059         | 1 139 106         | 1 168 196         |
| 187 658           | 198 997           | 210 604           | 223 568           | 253 492           | 273 134           | 278 056           | 284 401           | 304 765           |
| 108 384           | 110 997           | 124 391           | 139 089           | 159 842           | 173 759           | 187 085           | 183 117           | 199 046           |
| 808 341           | 847 589           | 872 697           | 892 873           | 909 713           | 913 320           | 945 152           | 950 264           | 987 197           |
| 488 249           | 530 562           | 532 317           | 547 315           | 572 723           | 599 751           | 603 213           | 619 336           | 628 107           |
| 293 560           | 298 677           | 308 905           | 325 532           | 347 436           | 364 258           | 377 440           | 395 395           | 412 124           |
| 90 203            | 92 523            | 93 482            | 95 436            | 101 238           | 106 755           | 111 253           | 117 557           | 122 886           |
| 292 628           | 295 116           | 306 932           | 325 699           | 345 561           | 361 953           | 376 280           | 387 360           | 405 458           |
| <b>10 064 812</b> | <b>10 405 917</b> | <b>11 027 829</b> | <b>11 410 034</b> | <b>11 892 817</b> | <b>12 482 448</b> | <b>12 261 407</b> | <b>12 096 882</b> | <b>13 200 725</b> |
| 126 370           | 128 710           | 126 147           | 135 383           | 135 686           | 138 047           | 132 565           | 117 194           | 152 109           |
| 182 762           | 188 680           | 213 086           | 215 892           | 214 968           | 222 720           | 221 321           | 206 237           | 249 198           |
| 10 373 944        | 10 723 307        | 11 367 062        | 11 761 309        | 12 243 471        | 12 843 215        | 12 615 293        | 12 420 481        | 13 602 032        |
| 37 695            | - 27 050          | - 1 770           | - 21 030          | -                 | 67 296            | 4 857             | 56 701            | 1 445             |
| <b>10 411 639</b> | <b>10 696 257</b> | <b>11 365 292</b> | <b>11 740 279</b> | <b>12 243 471</b> | <b>12 910 511</b> | <b>12 620 150</b> | <b>12 477 182</b> | <b>13 603 477</b> |

## disposable income

Million NT\$

| 2002 <sup>r</sup> | 2003 <sup>r</sup> | 2004 <sup>r</sup> | 2005 <sup>r</sup> | 2006              | 2007 <sup>r</sup> | 2008 <sup>r</sup> | 2009 <sup>r</sup> | 2010              |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 4 791 056         | 4 957 883         | 5 199 412         | 5 436 252         | 5 698 931         | 5 850 552         | 5 936 309         | 5 724 071         | } 10 859 372      |
| 3 694 321         | 3 822 051         | 4 029 449         | 4 095 325         | 4 204 829         | 4 531 469         | 4 094 484         | 4 132 953         |                   |
| 8 485 377         | 8 779 934         | 9 228 861         | 9 531 577         | 9 903 760         | 10 382 021        | 10 030 793        | 9 857 024         | 10 859 372        |
| - 10 857          | - 12 390          | - 9 660           | - 7 433           | - 3 611           | - 427             | - 600             | 1 752             | 1 450             |
| 253 359           | 341 263           | 381 759           | 298 299           | 315 310           | 333 193           | 315 246           | 411 845           | 415 664           |
| 653 621           | 637 066           | 696 965           | 719 123           | 716 238           | 718 992           | 675 386           | 617 690           | 734 418           |
| 896 123           | 965 939           | 1 069 064         | 1 009 989         | 1 027 937         | 1 051 758         | 990 032           | 1 031 287         | 1 151 532         |
| - 86 171          | - 93 586          | - 127 855         | - 137 211         | - 128 018         | - 125 033         | - 88 233          | - 68 194          | - 84 373          |
| <b>9 295 329</b>  | <b>9 652 287</b>  | <b>10 170 070</b> | <b>10 404 355</b> | <b>10 803 679</b> | <b>11 308 746</b> | <b>10 932 592</b> | <b>10 820 117</b> | <b>11 926 531</b> |

Table 99. Capital

| Item  | 1994             | 1995             | 1996             | 1997             | 1998             | 1999             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|
| Increase in inventories   | 54 508           | 44 508           | 10 578           | 85 102           | 90 373           | 57 197           |
| Gross fixed capital formation   | 1 720 633        | 1 897 737        | 1 884 088        | 2 065 382        | 2 302 142        | 2 351 957        |
| Acquisition less disposal of nonproduced,<br>nonfinancial assets from ROW, net <sup>1</sup> | -                | -                | -                | -                | -                | -                |
| Net lending to the rest of the world  | 162 811          | 127 763          | 281 993          | 193 748          | 107 092          | 252 482          |
| <b>Gross accumulation</b>   | <b>1 937 952</b> | <b>2 070 008</b> | <b>2 176 659</b> | <b>2 344 232</b> | <b>2 499 607</b> | <b>2 661 636</b> |
| Saving  | 1 329 483        | 1 392 715        | 1 438 695        | 1 544 404        | 1 576 084        | 1 649 168        |
| Consumption of fixed capital  | 634 503          | 719 330          | 755 894          | 812 352          | 932 761          | 1 017 538        |
| Capital transfers from ROW, net   | - 9 101          | - 17 215         | - 17 930         | - 9 013          | - 6 056          | - 5 583          |
| Plus : Statistical discrepancy  | - 16 933         | - 24 822         | -                | - 3 511          | - 3 182          | 513              |
| <b>Finance of gross accumulation</b>  | <b>1 937 952</b> | <b>2 070 008</b> | <b>2 176 659</b> | <b>2 344 232</b> | <b>2 499 607</b> | <b>2 661 636</b> |

Notes : <sup>1</sup>Nonproduced, nonfinancial assets consist of natural resources, contracts, leases, and licenses, goodwill, brand names, etc.

Table 100. External

| Item   | 1995             | 1996             | 1997             | 1998             | 1999             | 2000             |
|--|------------------|------------------|------------------|------------------|------------------|------------------|
| Exports of goods and services                        | 3 421 518        | 3 700 076        | 4 086 505        | 4 359 751        | 4 562 172        | 5 392 441        |
| Compensation of employees from ROW                   | 3 761            | 4 695            | 7 549            | 7 829            | 9 197            | 8 558            |
| Property and entrepreneurial income from ROW         | 211 271          | 177 983          | 191 047          | 208 999          | 215 564          | 277 742          |
| Other current transfers from ROW                     | 61 233           | 68 590           | 83 182           | 98 461           | 100 876          | 100 015          |
| <b>Current receipts</b>                              | <b>3 697 783</b> | <b>3 951 344</b> | <b>4 368 283</b> | <b>4 675 040</b> | <b>4 887 809</b> | <b>5 778 756</b> |
| Imports of goods and services                        | 3 310 334        | 3 441 367        | 3 909 951        | 4 264 066        | 4 319 855        | 5 171 329        |
| Compensation of employees to ROW                     | 6 780            | 9 363            | 13 117           | 20 375           | 21 944           | 23 239           |
| Property and entrepreneurial income to ROW           | 97 333           | 63 813           | 95 868           | 127 902          | 112 299          | 123 503          |
| Other current transfers to ROW                       | 138 358          | 136 878          | 146 586          | 149 549          | 175 646          | 181 351          |
| <b>Disposal of current receipts</b>                  | <b>3 552 805</b> | <b>3 651 421</b> | <b>4 165 522</b> | <b>4 561 892</b> | <b>4 629 744</b> | <b>5 499 422</b> |
| <b>Surplus of the nation on current transactions</b> | <b>144 978</b>   | <b>299 923</b>   | <b>202 761</b>   | <b>113 148</b>   | <b>258 065</b>   | <b>279 334</b>   |

## finance

Million NT\$

| 2000             | 2001             | 2002             | 2003             | 2004             | 2005             | 2006             | 2007             | 2008             | 2009             |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 91 197           | - 63 208         | - 43 864         | 12 304           | 100 180          | 32 404           | 46 283           | 14 456           | 160 383          | - 152 308        |
| 2 524 443        | 2 033 527        | 2 057 650        | 2 117 282        | 2 592 909        | 2 635 451        | 2 730 670        | 2 841 353        | 2 665 928        | 2 355 744        |
| -                | 1 386            | 1 487            | 620              | 67               | 1 480            | 2 050            | 821              | 8 514            | 1 653            |
| 270 370          | 635 110          | 899 357          | 983 934          | 660 619          | 668 341          | 928 720          | 1 231 713        | 836 091          | 1 418 632        |
| <b>2 886 010</b> | <b>2 606 815</b> | <b>2 914 630</b> | <b>3 114 140</b> | <b>3 353 775</b> | <b>3 337 676</b> | <b>3 707 723</b> | <b>4 088 343</b> | <b>3 670 916</b> | <b>3 623 721</b> |
| 1 782 059        | 1 417 492        | 1 645 309        | 1 837 258        | 1 916 816        | 1 850 382        | 2 086 039        | 2 281 177        | 1 758 963        | 1 622 774        |
| 1 107 254        | 1 193 448        | 1 234 946        | 1 306 307        | 1 441 236        | 1 510 609        | 1 623 473        | 1 742 202        | 1 909 114        | 1 945 767        |
| - 8 964          | - 4 125          | - 3 320          | - 2 375          | - 2 507          | - 2 285          | - 1 789          | - 2 332          | - 2 018          | - 1 521          |
| 5 661            | -                | 37 695           | - 27 050         | - 1 770          | - 21 030         | -                | 67 296           | 4 857            | 56 701           |
| <b>2 886 010</b> | <b>2 606 815</b> | <b>2 914 630</b> | <b>3 114 140</b> | <b>3 353 775</b> | <b>3 337 676</b> | <b>3 707 723</b> | <b>4 088 343</b> | <b>3 670 916</b> | <b>3 623 721</b> |

## transactions

Million NT\$

| 2001             | 2002             | 2003             | 2004             | 2005             | 2006             | 2007              | 2008 <sup>r</sup> | 2009 <sup>r</sup> | 2010              |
|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|
| 4 962 159        | 5 436 642        | 5 935 611        | 6 980 987        | 7 341 705        | 8 325 717        | 9 304 061         | 9 208 653         | 7 796 555         | 10 018 572        |
| 8 115            | 7 677            | 7 435            | 7 755            | 8 560            | 9 597            | 11 495            | 11 478            | 12 429            | 12 862            |
| 307 259          | 349 662          | 439 702          | 509 847          | 551 162          | 619 526          | 760 316           | 722 539           | 659 897           | 710 514           |
| 88 151           | 90 631           | 92 002           | 105 960          | 111 436          | 124 829          | 149 731           | 174 256           | 164 752           | 167 371           |
| <b>5 365 684</b> | <b>5 884 612</b> | <b>6 474 750</b> | <b>7 604 549</b> | <b>8 012 863</b> | <b>9 079 669</b> | <b>10 225 603</b> | <b>10 116 926</b> | <b>8 633 633</b>  | <b>10 909 319</b> |
| 4 421 118        | 4 688 809        | 5 183 969        | 6 562 038        | 6 823 254        | 7 576 839        | 8 276 928         | 8 588 443         | 6 720 152         | 9 047 918         |
| 20 795           | 18 534           | 19 825           | 17 415           | 15 993           | 13 208           | 11 922            | 12 078            | 10 677            | 11 412            |
| 102 555          | 96 303           | 98 439           | 128 088          | 252 863          | 304 216          | 427 123           | 407 293           | 248 052           | 294 850           |
| 180 595          | 176 802          | 185 588          | 233 815          | 248 647          | 252 847          | 274 764           | 262 489           | 232 946           | 251 744           |
| <b>4 725 063</b> | <b>4 980 448</b> | <b>5 487 821</b> | <b>6 941 356</b> | <b>7 340 757</b> | <b>8 147 110</b> | <b>8 990 737</b>  | <b>9 270 303</b>  | <b>7 211 827</b>  | <b>9 605 924</b>  |
| <b>640 621</b>   | <b>904 164</b>   | <b>986 929</b>   | <b>663 193</b>   | <b>672 106</b>   | <b>932 559</b>   | <b>1 234 866</b>  | <b>846 623</b>    | <b>1 421 806</b>  | <b>1 303 395</b>  |

Table 101. Government final

| Item  | 2000             | 2001             | 2002             | 2003             |
|---|------------------|------------------|------------------|------------------|
| <b>By function</b>                              |                  |                  |                  |                  |
| 1. General public services                      | 200 875          | 202 048          | 208 695          | 185 531          |
| 2. Defence                                      | 244 709          | 257 236          | 248 708          | 237 391          |
| 3. Public order and safety                      | 113 810          | 128 032          | 134 956          | 135 941          |
| 4. Economic affairs                             | 173 934          | 171 716          | 189 023          | 200 957          |
| 5. Environmental protection                     | 40 865           | 37 577           | 38 040           | 40 533           |
| 6. Housing and community amenities              | 7 005            | 13 687           | 12 450           | 8 324            |
| 7. Health                                       | 24 919           | 22 922           | 25 489           | 26 762           |
| 8. Recreation, culture, and religion            | 20 729           | 21 547           | 23 556           | 23 520           |
| 9. Education                                    | 302 014          | 307 918          | 318 934          | 323 799          |
| 10. Social protection                           | 234 049          | 228 751          | 212 600          | 233 667          |
| <b>Government final consumption expenditure</b> | <b>1 362 909</b> | <b>1 391 434</b> | <b>1 412 451</b> | <b>1 416 425</b> |

Notes : This table is compiled according to the Classification of the Functions of Government( COFOG ) released by UN in 1999.

Table 102. Composition of private final

| Item  | 1994             | 1995             | 1996             | 1997             | 1998             | 1999             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>A. Final consumption expenditure of households</b>                 | <b>3 745 597</b> | <b>4 106 772</b> | <b>4 518 202</b> | <b>4 910 082</b> | <b>5 247 202</b> | <b>5 601 026</b> |
| 1. Food and non-alcoholic beverages                                   | 491 106          | 528 921          | 568 169          | 585 836          | 640 681          | 674 212          |
| 2. Alcoholic beverages and tobacco                                    | 93 554           | 99 300           | 106 845          | 122 033          | 126 032          | 127 270          |
| 3. Clothing and footwear  | 201 743          | 227 105          | 249 685          | 270 728          | 276 118          | 287 227          |
| 4. Housing, water, electricity, gas and other fuels                   | 784 218          | 873 034          | 960 431          | 1 007 868        | 1 062 935        | 1 106 676        |
| 5. Furnishings, household equipment and routine household maintenance | 156 765          | 180 057          | 206 471          | 223 098          | 242 623          | 251 301          |
| 6. Health   | 249 587          | 297 442          | 337 254          | 373 197          | 409 417          | 445 716          |
| 7. Transport  | 549 962          | 580 066          | 582 674          | 619 389          | 642 596          | 622 392          |
| 8. Communication  | 103 744          | 112 465          | 123 700          | 132 241          | 159 915          | 209 736          |
| 9. Recreation and culture   | 254 047          | 287 422          | 321 246          | 360 314          | 391 354          | 436 590          |
| 10. Education   | 190 904          | 205 668          | 225 661          | 242 352          | 257 584          | 274 687          |
| 11. Restaurants and hotels  | 209 170          | 235 324          | 267 997          | 303 655          | 332 297          | 354 323          |
| 12. Miscellaneous goods and services                                  | 460 797          | 479 968          | 568 069          | 669 371          | 705 650          | 810 896          |
| <b>B. Final consumption expenditure of private NPISHs</b>             | <b>62 731</b>    | <b>52 398</b>    | <b>62 195</b>    | <b>57 759</b>    | <b>104 358</b>   | <b>64 839</b>    |
| <b>Private final consumption expenditure</b>                          | <b>3 808 328</b> | <b>4 159 170</b> | <b>4 580 397</b> | <b>4 967 841</b> | <b>5 351 560</b> | <b>5 665 865</b> |
| 1. Durable goods  | 435 286          | 451 896          | 459 246          | 504 962          | 561 693          | 616 225          |
| 2. Semi-durable goods   | 487 180          | 523 654          | 566 302          | 606 870          | 604 104          | 634 424          |
| 3. Non-durable goods  | 927 900          | 1 005 630        | 1 093 663        | 1 160 126        | 1 256 412        | 1 312 827        |
| 4. Services   | 1 957 962        | 2 177 990        | 2 461 186        | 2 695 883        | 2 929 351        | 3 102 389        |

## consumption expenditure

Million NT\$

| 2004             | 2005             | 2006             | 2007             | 2008 <sup>r</sup> | 2009             |
|------------------|------------------|------------------|------------------|-------------------|------------------|
| 187 548          | 191 459          | 176 125          | 176 621          | 182 826           | 178 885          |
| 267 832          | 253 719          | 238 693          | 249 369          | 263 630           | 278 213          |
| 139 316          | 146 674          | 152 601          | 154 127          | 158 871           | 162 317          |
| 197 870          | 205 259          | 216 183          | 235 585          | 253 282           | 265 499          |
| 41 218           | 36 488           | 43 201           | 44 483           | 44 881            | 47 272           |
| 19 895           | 21 993           | 18 404           | 23 025           | 16 675            | 24 133           |
| 27 607           | 29 224           | 29 784           | 28 861           | 29 371            | 33 307           |
| 22 710           | 23 311           | 26 402           | 23 962           | 28 007            | 31 204           |
| 330 175          | 340 996          | 352 628          | 367 090          | 376 899           | 390 980          |
| 210 701          | 214 111          | 215 275          | 217 979          | 209 192           | 205 645          |
| <b>1 444 872</b> | <b>1 463 234</b> | <b>1 469 296</b> | <b>1 521 102</b> | <b>1 563 634</b>  | <b>1 617 455</b> |

## consumption expenditure

Million NT\$

| 2000             | 2001             | 2002             | 2003             | 2004             | 2005             | 2006             | 2007             | 2008 <sup>r</sup> | 2009             |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| <b>5 908 748</b> | <b>5 945 455</b> | <b>6 147 077</b> | <b>6 317 280</b> | <b>6 720 308</b> | <b>6 995 353</b> | <b>7 150 211</b> | <b>7 412 196</b> | <b>7 502 501</b>  | <b>7 466 124</b> |
| 699 434          | 704 838          | 723 129          | 753 775          | 798 436          | 862 890          | 885 394          | 914 990          | 969 865           | 978 464          |
| 127 078          | 125 081          | 137 907          | 157 605          | 159 243          | 158 387          | 170 549          | 168 756          | 167 776           | 167 320          |
| 296 210          | 296 846          | 306 597          | 297 555          | 327 151          | 326 751          | 319 693          | 334 655          | 340 637           | 347 333          |
| 1 140 211        | 1 160 623        | 1 161 230        | 1 171 590        | 1 189 115        | 1 220 528        | 1 255 282        | 1 295 604        | 1 334 568         | 1 348 337        |
| 263 790          | 261 261          | 276 518          | 288 625          | 311 984          | 329 554          | 345 285          | 361 286          | 366 908           | 355 440          |
| 468 162          | 490 076          | 525 273          | 552 375          | 594 186          | 626 961          | 645 441          | 679 179          | 708 184           | 741 037          |
| 662 742          | 641 656          | 655 799          | 677 780          | 756 739          | 828 346          | 796 453          | 814 095          | 800 892           | 799 380          |
| 235 650          | 239 571          | 259 604          | 272 101          | 286 865          | 299 903          | 301 605          | 301 655          | 300 047           | 296 302          |
| 483 260          | 486 474          | 511 835          | 508 915          | 577 680          | 604 447          | 641 860          | 681 345          | 693 838           | 676 507          |
| 293 520          | 311 297          | 324 417          | 328 827          | 334 943          | 339 225          | 342 740          | 346 349          | 348 598           | 350 490          |
| 383 954          | 385 449          | 385 582          | 387 281          | 399 668          | 426 487          | 447 571          | 466 199          | 474 051           | 482 813          |
| 854 737          | 842 283          | 879 186          | 920 851          | 984 298          | 971 874          | 998 338          | 1 048 083        | 997 137           | 922 701          |
| <b>78 985</b>    | <b>82 138</b>    | <b>90 492</b>    | <b>81 324</b>    | <b>88 074</b>    | <b>95 386</b>    | <b>98 133</b>    | <b>94 271</b>    | <b>107 494</b>    | <b>113 764</b>   |
| <b>5 987 733</b> | <b>6 027 593</b> | <b>6 237 569</b> | <b>6 398 604</b> | <b>6 808 382</b> | <b>7 090 739</b> | <b>7 248 344</b> | <b>7 506 467</b> | <b>7 609 995</b>  | <b>7 579 888</b> |
| 645 227          | 655 731          | 700 243          | 722 415          | 797 103          | 856 956          | 801 505          | 815 299          | 784 368           | 789 549          |
| 664 346          | 661 275          | 686 535          | 683 683          | 740 208          | 756 073          | 765 457          | 793 133          | 806 422           | 800 779          |
| 1 386 032        | 1 397 785        | 1 436 474        | 1 520 986        | 1 620 053        | 1 723 985        | 1 806 753        | 1 868 466        | 1 944 851         | 1 928 928        |
| 3 292 128        | 3 312 802        | 3 414 317        | 3 471 520        | 3 651 018        | 3 753 725        | 3 874 629        | 4 029 569        | 4 074 354         | 4 060 632        |

Table 103. Gross capital

| Item  | 1995             | 1996             | 1997             | 1998             | 1999              |
|---|------------------|------------------|------------------|------------------|-------------------|
|   |                  |                  |                  |                  | <b>At Current</b> |
| <b>A. By type of capital goods</b>                            |                  |                  |                  |                  |                   |
| a. Gross fixed capital formation                              | 1 897 737        | 1 884 088        | 2 065 382        | 2 302 142        | 2 351 957         |
| 1. Residential building                                       | 216 708          | 202 416          | 213 343          | 226 156          | 200 013           |
| 2. Non-residential building                                   | 351 315          | 335 686          | 354 167          | 376 954          | 359 975           |
| 3. Other construction except land improvement                 | 422 465          | 416 793          | 421 266          | 441 060          | 447 601           |
| 4. Land improvement and plantation and orchard development    | 10 097           | 16 168           | 20 199           | 20 574           | 23 853            |
| 5. Transport equipment  | 142 447          | 123 047          | 157 852          | 187 839          | 139 522           |
| 6. Machinery and equipment                                    | 700 663          | 732 807          | 834 379          | 960 826          | 1 062 696         |
| 7. Breeding stock, draught animals, dairy cattle and the like | 3 782            | 4 039            | 1 011            | 365              | 3 929             |
| 8. Intangible fixed assets                                    | 50 260           | 53 132           | 63 165           | 88 368           | 114 368           |
| b. Increase in inventories                                    | 44 508           | 10 578           | 85 102           | 90 373           | 57 197            |
| <b>Gross capital formation</b>                                | <b>1 942 245</b> | <b>1 894 666</b> | <b>2 150 484</b> | <b>2 392 515</b> | <b>2 409 154</b>  |
| <b>B. By kind of activity</b>                                 |                  |                  |                  |                  |                   |
| a. Gross fixed capital formation                              | 1 897 737        | 1 884 088        | 2 065 382        | 2 302 142        | 2 351 957         |
| 1. Agriculture, forestry, fishing and animal husbandry        | 24 182           | 27 543           | 26 639           | 22 668           | 26 510            |
| 2. Mining and quarrying                                       | 4 663            | 4 344            | 3 907            | 4 371            | 4 226             |
| 3. Manufacturing  | 536 047          | 546 722          | 654 573          | 713 177          | 773 342           |
| 4. Electricity and gas supply                                 | 105 796          | 106 945          | 116 351          | 137 974          | 155 471           |
| 5. Water supply and remediation services                      | 19 265           | 12 215           | 11 093           | 12 465           | 14 711            |
| 6. Construction   | 22 501           | 19 443           | 20 739           | 24 307           | 23 534            |
| 7. Wholesale and retail trade                                 | 111 255          | 112 369          | 119 004          | 132 942          | 125 640           |
| 8. Transportation and storage                                 | 91 534           | 80 097           | 113 690          | 132 335          | 103 186           |
| 9. Accommodation and food services                            | 15 896           | 16 189           | 18 252           | 19 357           | 20 386            |
| 10. Information and communication                             | 55 230           | 65 531           | 65 561           | 123 704          | 130 552           |
| 11. Finance and insurance                                     | 60 057           | 65 047           | 69 790           | 101 827          | 115 655           |
| 12. Real estate   | 234 265          | 217 922          | 230 903          | 242 712          | 215 496           |
| 13. Professional, scientific and technical services           | 11 533           | 12 412           | 12 890           | 14 274           | 11 227            |
| 14. Support services  | 17 501           | 19 046           | 20 589           | 24 616           | 21 256            |
| 15. Public administration and defence                         | 442 027          | 440 174          | 445 797          | 455 748          | 467 849           |
| 16. Education   | 82 233           | 71 951           | 68 075           | 69 934           | 69 534            |
| 17. Human health and social work services                     | 30 578           | 33 830           | 32 076           | 36 157           | 38 632            |
| 18. Arts, entertainment and recreation                        | 22 850           | 22 013           | 23 533           | 21 665           | 21 199            |
| 19. Other services  | 10 324           | 10 295           | 11 920           | 11 909           | 13 551            |
| b. Increase in inventories                                    | 44 508           | 10 578           | 85 102           | 90 373           | 57 197            |
| <b>Gross capital formation</b>                                | <b>1 942 245</b> | <b>1 894 666</b> | <b>2 150 484</b> | <b>2 392 515</b> | <b>2 409 154</b>  |
| <b>C. By type of owner</b>                                    |                  |                  |                  |                  |                   |
| a. Gross fixed capital formation                              | 1 897 737        | 1 884 088        | 2 065 382        | 2 302 142        | 2 351 957         |
| 1. Private enterprises  | 1 161 720        | 1 173 916        | 1 366 777        | 1 579 006        | 1 587 639         |
| 2. Public enterprises   | 235 829          | 218 497          | 205 951          | 223 538          | 248 402           |
| 3. General government   | 500 188          | 491 675          | 492 654          | 499 598          | 515 916           |
| b. Increase in inventories                                    | 44 508           | 10 578           | 85 102           | 90 373           | 57 197            |
| 1. Private enterprises  | 39 718           | 8 051            | 78 542           | 113 080          | 38 371            |
| 2. Public enterprises   | 4 790            | 2 527            | 6 560            | - 22 707         | 18 826            |
| <b>Gross capital formation</b>                                | <b>1 942 245</b> | <b>1 894 666</b> | <b>2 150 484</b> | <b>2 392 515</b> | <b>2 409 154</b>  |

## formation

Million NT\$

| 2000             | 2001             | 2002             | 2003             | 2004             | 2005             | 2006             | 2007             | 2008 <sup>r</sup> | 2009             |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| <b>Prices</b>    |                  |                  |                  |                  |                  |                  |                  |                   |                  |
| 2 524 443        | 2 033 527        | 2 057 650        | 2 117 282        | 2 592 909        | 2 635 451        | 2 730 670        | 2 841 353        | 2 665 928         | 2 355 744        |
| 188 428          | 160 295          | 181 625          | 175 308          | 215 153          | 212 351          | 235 691          | 256 786          | 253 919           | 187 289          |
| 357 609          | 331 146          | 367 247          | 373 076          | 454 268          | 468 017          | 537 388          | 565 218          | 541 110           | 430 315          |
| 428 051          | 362 295          | 356 666          | 346 010          | 377 308          | 401 290          | 391 760          | 396 925          | 446 831           | 441 992          |
| 24 992           | 30 487           | 21 483           | 27 661           | 25 622           | 25 530           | 29 683           | 29 675           | 39 143            | 46 554           |
| 152 216          | 156 725          | 129 232          | 123 514          | 152 282          | 201 728          | 147 079          | 150 785          | 106 072           | 117 452          |
| 1 233 259        | 854 403          | 853 519          | 918 478          | 1 197 071        | 1 156 912        | 1 223 670        | 1 275 461        | 1 093 491         | 944 673          |
| 2 251            | 562              | 941              | 2 073            | 1 816            | 1 771            | 1 484            | 492              | 1 009             | 406              |
| 137 637          | 137 614          | 146 937          | 151 162          | 169 389          | 167 852          | 163 915          | 166 011          | 184 353           | 187 063          |
| 91 197           | - 63 208         | - 43 864         | 12 304           | 100 180          | 32 404           | 46 283           | 14 456           | 160 383           | - 152 308        |
| <b>2 615 640</b> | <b>1 970 319</b> | <b>2 013 786</b> | <b>2 129 586</b> | <b>2 693 089</b> | <b>2 667 855</b> | <b>2 776 953</b> | <b>2 855 809</b> | <b>2 826 311</b>  | <b>2 203 436</b> |
| 2 524 443        | 2 033 527        | 2 057 650        | 2 117 282        | 2 592 909        | 2 635 451        | 2 730 670        | 2 841 353        | 2 665 928         | 2 355 744        |
| 16 054           | 17 867           | 16 089           | 16 661           | 13 088           | 16 990           | 13 640           | 8 516            | 10 597            | 12 369           |
| 3 907            | 2 965            | 2 512            | 2 616            | 1 907            | 2 330            | 2 348            | 2 700            | 2 502             | 2 502            |
| 1 012 017        | 684 688          | 699 627          | 756 276          | 1 093 562        | 1 090 852        | 1 210 774        | 1 304 486        | 1 089 666         | 788 780          |
| 139 959          | 129 650          | 122 635          | 128 361          | 122 745          | 141 010          | 144 194          | 148 780          | 160 871           | 150 009          |
| 12 397           | 12 176           | 14 158           | 13 309           | 10 847           | 12 598           | 14 080           | 15 141           | 17 202            | 23 889           |
| 24 573           | 20 328           | 21 228           | 19 854           | 21 924           | 23 326           | 24 465           | 26 634           | 26 860            | 27 063           |
| 129 545          | 112 601          | 121 881          | 134 725          | 168 005          | 180 692          | 193 688          | 201 678          | 222 657           | 234 760          |
| 108 397          | 115 599          | 134 991          | 151 853          | 193 383          | 201 425          | 140 301          | 131 324          | 64 501            | 61 067           |
| 21 552           | 18 541           | 18 619           | 19 725           | 21 609           | 23 218           | 26 203           | 28 258           | 32 415            | 27 409           |
| 137 878          | 121 261          | 113 447          | 90 694           | 91 386           | 70 533           | 71 896           | 71 026           | 83 497            | 77 779           |
| 94 123           | 88 001           | 89 577           | 85 573           | 97 266           | 96 216           | 97 696           | 80 031           | 84 394            | 89 459           |
| 201 694          | 171 625          | 198 689          | 191 936          | 233 617          | 230 969          | 254 823          | 279 219          | 276 775           | 209 461          |
| 8 485            | 9 228            | 11 191           | 17 097           | 20 598           | 18 997           | 19 613           | 20 682           | 24 991            | 31 343           |
| 23 876           | 16 666           | 16 460           | 15 453           | 17 056           | 22 923           | 25 494           | 28 432           | 24 951            | 26 327           |
| 449 418          | 411 041          | 362 262          | 350 706          | 356 351          | 372 367          | 347 200          | 353 421          | 399 070           | 441 914          |
| 65 416           | 44 956           | 46 976           | 51 000           | 54 036           | 54 739           | 60 430           | 60 745           | 61 602            | 65 542           |
| 35 646           | 26 674           | 33 373           | 38 524           | 43 788           | 48 351           | 57 257           | 52 039           | 52 984            | 55 027           |
| 23 280           | 9 168            | 17 339           | 16 780           | 15 110           | 13 336           | 11 390           | 12 198           | 13 694            | 14 622           |
| 16 226           | 20 492           | 16 596           | 16 139           | 16 631           | 14 579           | 15 178           | 16 043           | 16 699            | 16 422           |
| 91 197           | - 63 208         | - 43 864         | 12 304           | 100 180          | 32 404           | 46 283           | 14 456           | 160 383           | - 152 308        |
| <b>2 615 640</b> | <b>1 970 319</b> | <b>2 013 786</b> | <b>2 129 586</b> | <b>2 693 089</b> | <b>2 667 855</b> | <b>2 776 953</b> | <b>2 855 809</b> | <b>2 826 311</b>  | <b>2 203 436</b> |
| 2 524 443        | 2 033 527        | 2 057 650        | 2 117 282        | 2 592 909        | 2 635 451        | 2 730 670        | 2 841 353        | 2 665 928         | 2 355 744        |
| 1 799 432        | 1 354 465        | 1 437 636        | 1 504 363        | 2 012 959        | 2 021 011        | 2 151 566        | 2 242 734        | 2 010 137         | 1 640 570        |
| 236 472          | 237 910          | 230 141          | 223 030          | 185 233          | 208 435          | 194 176          | 202 505          | 209 790           | 223 183          |
| 488 539          | 441 152          | 389 873          | 389 889          | 394 717          | 406 005          | 384 928          | 396 114          | 446 001           | 491 991          |
| 91 197           | - 63 208         | - 43 864         | 12 304           | 100 180          | 32 404           | 46 283           | 14 456           | 160 383           | - 152 308        |
| 85 683           | - 50 775         | - 50 498         | 21 450           | 94 503           | 23 153           | 16 115           | - 3 077          | 162 170           | - 183 884        |
| 5 514            | - 12 433         | 6 634            | - 9 146          | 5 677            | 9 251            | 30 168           | 17 533           | - 1 787           | 31 576           |
| <b>2 615 640</b> | <b>1 970 319</b> | <b>2 013 786</b> | <b>2 129 586</b> | <b>2 693 089</b> | <b>2 667 855</b> | <b>2 776 953</b> | <b>2 855 809</b> | <b>2 826 311</b>  | <b>2 203 436</b> |

Table 103. Gross capital

| Item  | 1995             | 1996             | 1997             | 1998             | 1999             |
|---|------------------|------------------|------------------|------------------|------------------|
|   |                  |                  |                  |                  | <b>At 2006</b>   |
| <b>A. By type of capital goods</b>                            |                  |                  |                  |                  |                  |
| a. Gross fixed capital formation                              | 2 181 805        | 2 208 274        | 2 397 302        | 2 572 641        | 2 622 123        |
| 1. Residential building                                       | 290 672          | 273 318          | 282 038          | 291 919          | 259 580          |
| 2. Non-residential building                                   | 474 684          | 456 563          | 470 686          | 488 296          | 468 897          |
| 3. Other construction except land improvement                 | 581 956          | 577 101          | 568 178          | 578 300          | 589 305          |
| 4. Land improvement and plantation and orchard development    | 13 909           | 22 373           | 27 235           | 26 997           | 31 409           |
| 5. Transport equipment  | 161 836          | 142 861          | 183 671          | 207 868          | 155 521          |
| 6. Machinery and equipment                                    | 606 662          | 680 859          | 803 284          | 891 865          | 1 002 184        |
| 7. Breeding stock, draught animals, dairy cattle and the like | 3 275            | 3 753            | 973              | 339              | 3 705            |
| 8. Intangible fixed assets                                    | 48 811           | 51 446           | 61 237           | 87 057           | 111 522          |
| b. Increase in inventories                                    | 53 137           | 19 702           | 106 306          | 114 666          | 74 486           |
| <b>Gross capital formation</b>                                | <b>2 234 942</b> | <b>2 227 976</b> | <b>2 503 608</b> | <b>2 687 307</b> | <b>2 696 609</b> |
| <b>B. By kind of activity</b>                                 |                  |                  |                  |                  |                  |
| a. Gross fixed capital formation                              | 2 181 805        | 2 208 274        | 2 397 302        | 2 572 641        | 2 622 123        |
| 1. Agriculture, forestry, fishing and animal husbandry        | 28 448           | 32 812           | 32 348           | 26 911           | 31 114           |
| 2. Mining and quarrying                                       | 4 797            | 4 579            | 4 148            | 4 430            | 4 395            |
| 3. Manufacturing  | 536 995          | 561 806          | 678 878          | 719 388          | 787 048          |
| 4. Electricity and gas supply                                 | 95 025           | 104 494          | 122 115          | 140 956          | 153 285          |
| 5. Water supply and remediation services                      | 17 461           | 11 957           | 11 326           | 12 167           | 14 801           |
| 6. Construction   | 23 447           | 21 187           | 22 605           | 24 921           | 24 154           |
| 7. Wholesale and retail trade                                 | 123 060          | 127 882          | 135 760          | 146 873          | 140 527          |
| 8. Transportation and storage                                 | 102 494          | 94 049           | 132 165          | 146 606          | 113 798          |
| 9. Accommodation and food services                            | 17 447           | 18 676           | 21 058           | 21 020           | 22 241           |
| 10. Information and communication                             | 61 960           | 74 011           | 74 355           | 133 197          | 139 526          |
| 11. Finance and insurance                                     | 70 729           | 77 990           | 80 135           | 107 402          | 122 810          |
| 12. Real estate   | 312 500          | 292 705          | 303 772          | 311 657          | 277 844          |
| 13. Professional, scientific and technical services           | 12 356           | 13 608           | 14 175           | 15 593           | 11 732           |
| 14. Support services  | 18 646           | 20 927           | 22 732           | 26 112           | 22 509           |
| 15. Public administration and defence                         | 582 246          | 585 638          | 579 201          | 573 467          | 588 647          |
| 16. Education   | 101 002          | 88 967           | 82 576           | 82 727           | 82 937           |
| 17. Human health and social work services                     | 34 355           | 38 611           | 37 602           | 40 839           | 44 694           |
| 18. Arts, entertainment and recreation                        | 26 576           | 26 543           | 28 262           | 25 033           | 24 963           |
| 19. Other services  | 12 261           | 11 832           | 14 089           | 13 342           | 15 098           |
| b. Increase in inventories                                    | 53 137           | 19 702           | 106 306          | 114 666          | 74 486           |
| <b>Gross capital formation</b>                                | <b>2 234 942</b> | <b>2 227 976</b> | <b>2 503 608</b> | <b>2 687 307</b> | <b>2 696 609</b> |
| <b>C. By type of owner</b>                                    |                  |                  |                  |                  |                  |
| a. Gross fixed capital formation                              | 2 181 805        | 2 208 274        | 2 397 302        | 2 572 641        | 2 622 123        |
| 1. Private enterprises  | 1 295 007        | 1 331 498        | 1 540 606        | 1 718 383        | 1 715 782        |
| 2. Public enterprises   | 232 491          | 227 277          | 220 120          | 228 302          | 259 953          |
| 3. General government   | 654 307          | 649 499          | 636 576          | 625 956          | 646 388          |
| b. Increase in inventories                                    | 53 137           | 19 702           | 106 306          | 114 666          | 74 486           |
| 1. Private enterprises  | 48 526           | 16 949           | 98 694           | 141 238          | 52 597           |
| 2. Public enterprises   | 4 611            | 2 753            | 7 612            | -26 572          | 21 889           |
| <b>Gross capital formation</b>                                | <b>2 234 942</b> | <b>2 227 976</b> | <b>2 503 608</b> | <b>2 687 307</b> | <b>2 696 609</b> |



## formation (continued)

Million NT\$

| 2000                   | 2001             | 2002             | 2003             | 2004             | 2005             | 2006             | 2007             | 2008 <sup>r</sup> | 2009             |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| <b>Constant Prices</b> |                  |                  |                  |                  |                  |                  |                  |                   |                  |
| 2 812 736              | 2 309 094        | 2 334 948        | 2 332 482        | 2 658 055        | 2 728 700        | 2 730 670        | 2 745 800        | 2 406 517         | 2 141 592        |
| 245 813                | 211 203          | 234 327          | 216 111          | 232 348          | 227 772          | 235 691          | 244 532          | 219 987           | 175 408          |
| 468 034                | 437 386          | 474 375          | 460 220          | 490 835          | 502 426          | 537 388          | 535 363          | 465 068           | 398 249          |
| 565 322                | 481 391          | 462 391          | 427 440          | 408 398          | 431 974          | 391 760          | 368 811          | 371 796           | 393 034          |
| 33 020                 | 40 480           | 27 834           | 34 167           | 27 741           | 27 491           | 29 683           | 27 346           | 32 129            | 40 995           |
| 167 757                | 162 774          | 135 054          | 127 195          | 153 651          | 203 967          | 147 079          | 150 816          | 106 612           | 119 473          |
| 1 198 520              | 845 924          | 859 313          | 914 915          | 1 172 005        | 1 164 104        | 1 223 670        | 1 254 912        | 1 029 843         | 829 051          |
| 2 188                  | 556              | 947              | 2 065            | 1 778            | 1 782            | 1 484            | 484              | 950               | 356              |
| 132 082                | 129 380          | 140 707          | 150 369          | 171 299          | 169 184          | 163 915          | 163 536          | 180 132           | 185 026          |
| 107 491                | - 80 627         | - 59 812         | 12 679           | 104 189          | 34 223           | 46 283           | 12 867           | 134 441           | - 153 455        |
| <b>2 920 227</b>       | <b>2 228 467</b> | <b>2 275 136</b> | <b>2 345 161</b> | <b>2 762 244</b> | <b>2 762 923</b> | <b>2 776 953</b> | <b>2 758 667</b> | <b>2 540 958</b>  | <b>1 988 137</b> |
| 2 812 736              | 2 309 094        | 2 334 948        | 2 332 482        | 2 658 055        | 2 728 700        | 2 730 670        | 2 745 800        | 2 406 517         | 2 141 592        |
| 18 826                 | 22 021           | 19 104           | 19 060           | 13 602           | 17 659           | 13 640           | 8 185            | 9 458             | 11 497           |
| 4 023                  | 3 058            | 2 619            | 2 792            | 1 950            | 2 378            | 2 348            | 2 630            | 2 387             | 2 320            |
| 1 045 491              | 733 647          | 746 778          | 789 080          | 1 095 378        | 1 114 603        | 1 210 774        | 1 271 904        | 1 001 182         | 708 696          |
| 141 475                | 132 800          | 125 893          | 129 780          | 121 062          | 142 660          | 144 194          | 145 359          | 148 509           | 132 463          |
| 12 476                 | 12 479           | 14 586           | 13 654           | 10 799           | 12 811           | 14 080           | 14 833           | 15 925            | 21 338           |
| 25 107                 | 20 490           | 22 775           | 21 234           | 22 317           | 23 909           | 24 465           | 26 027           | 24 956            | 25 437           |
| 144 539                | 124 281          | 134 567          | 145 686          | 172 161          | 185 940          | 193 688          | 196 468          | 204 769           | 221 407          |
| 120 967                | 124 645          | 156 781          | 175 834          | 202 543          | 209 468          | 140 301          | 127 787          | 61 195            | 59 656           |
| 23 399                 | 19 949           | 20 158           | 21 136           | 22 062           | 23 826           | 26 203           | 27 571           | 30 253            | 25 742           |
| 146 514                | 130 384          | 122 895          | 93 808           | 90 913           | 71 611           | 71 896           | 69 718           | 78 623            | 69 651           |
| 97 805                 | 90 005           | 94 761           | 89 931           | 98 971           | 98 515           | 97 696           | 78 300           | 80 328            | 86 138           |
| 261 075                | 223 861          | 254 349          | 235 135          | 251 785          | 247 343          | 254 823          | 266 123          | 240 567           | 196 356          |
| 9 113                  | 9 704            | 12 249           | 18 590           | 20 875           | 19 455           | 19 613           | 20 185           | 23 382            | 29 395           |
| 25 396                 | 17 340           | 17 370           | 16 078           | 17 217           | 23 277           | 25 494           | 28 262           | 24 674            | 26 073           |
| 571 584                | 525 621          | 455 057          | 421 330          | 381 947          | 398 447          | 347 200          | 327 154          | 331 241           | 387 477          |
| 78 481                 | 53 734           | 55 860           | 58 123           | 56 117           | 57 156           | 60 430           | 58 041           | 54 080            | 58 868           |
| 41 260                 | 31 674           | 39 163           | 43 663           | 45 375           | 50 389           | 57 257           | 50 117           | 47 857            | 50 321           |
| 27 136                 | 11 124           | 20 918           | 19 342           | 15 748           | 14 018           | 11 390           | 11 671           | 12 063            | 13 343           |
| 18 069                 | 22 277           | 19 065           | 18 226           | 17 233           | 15 235           | 15 178           | 15 465           | 15 068            | 15 414           |
| 107 491                | - 80 627         | - 59 812         | 12 679           | 104 189          | 34 223           | 46 283           | 12 867           | 134 441           | - 153 455        |
| <b>2 920 227</b>       | <b>2 228 467</b> | <b>2 275 136</b> | <b>2 345 161</b> | <b>2 762 244</b> | <b>2 762 923</b> | <b>2 776 953</b> | <b>2 758 667</b> | <b>2 540 958</b>  | <b>1 988 137</b> |
| 2 812 736              | 2 309 094        | 2 334 948        | 2 332 482        | 2 658 055        | 2 728 700        | 2 730 670        | 2 745 800        | 2 406 517         | 2 141 592        |
| 1 942 038              | 1 495 667        | 1 602 129        | 1 632 973        | 2 051 286        | 2 082 679        | 2 151 566        | 2 180 819        | 1 841 121         | 1 511 372        |
| 251 296                | 251 149          | 244 670          | 233 172          | 185 133          | 212 475          | 194 176          | 197 228          | 193 315           | 198 551          |
| 619 402                | 562 278          | 488 149          | 466 337          | 421 636          | 433 546          | 384 928          | 367 753          | 372 081           | 431 669          |
| 107 491                | - 80 627         | - 59 812         | 12 679           | 104 189          | 34 223           | 46 283           | 12 867           | 134 441           | - 153 455        |
| 101 555                | - 66 307         | - 67 663         | 23 110           | 98 258           | 25 287           | 16 115           | - 6 527          | 135 117           | - 186 525        |
| 5 936                  | - 14 320         | 7 851            | - 10 431         | 5 931            | 8 936            | 30 168           | 19 394           | - 676             | 33 070           |
| <b>2 920 227</b>       | <b>2 228 467</b> | <b>2 275 136</b> | <b>2 345 161</b> | <b>2 762 244</b> | <b>2 762 923</b> | <b>2 776 953</b> | <b>2 758 667</b> | <b>2 540 958</b>  | <b>1 988 137</b> |

Table 104. Disposable income, consumption

| Item   | 1994      | 1995      | 1996      | 1997      | 1998      | 1999      | 2000      |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Average disposable income per household                            | 769 755   | 811 338   | 826 378   | 863 427   | 873 175   | 889 053   | 891 445   |
| By disposable income quintile                                      |           |           |           |           |           |           |           |
| Lowest 20% (a)   | 280 259   | 296 166   | 298 443   | 312 458   | 310 865   | 317 001   | 315 172   |
| Second 20%   | 499 105   | 525 749   | 537 241   | 557 429   | 560 766   | 573 853   | 571 355   |
| Third 20%  | 669 983   | 704 713   | 723 067   | 753 919   | 765 375   | 778 496   | 778 556   |
| Fourth 20%   | 892 016   | 948 484   | 966 103   | 1 003 815 | 1 014 770 | 1 031 669 | 1 043 508 |
| Highest 20% (b)  | 1 507 414 | 1 581 581 | 1 607 034 | 1 689 517 | 1 714 097 | 1 744 245 | 1 748 633 |
| (b)/(a) (Times)  | 5.38      | 5.34      | 5.38      | 5.41      | 5.51      | 5.50      | 5.55      |
| Average consumption expenditure per household                      | 545 987   | 591 035   | 614 435   | 634 477   | 646 343   | 655 282   | 662 722   |
| By disposable income quintile                                      |           |           |           |           |           |           |           |
| Lowest 20%   | 255 078   | 270 859   | 285 227   | 292 464   | 288 889   | 290 266   | 300 440   |
| Second 20%   | 419 297   | 451 990   | 464 278   | 487 183   | 496 500   | 497 548   | 502 783   |
| Third 20%  | 522 530   | 567 437   | 589 982   | 612 672   | 632 744   | 638 566   | 634 736   |
| Fourth 20%   | 624 470   | 685 390   | 721 896   | 747 747   | 763 930   | 777 298   | 780 907   |
| Highest 20%  | 908 563   | 979 498   | 1 010 792 | 1 032 317 | 1 049 654 | 1 072 735 | 1 094 744 |
| Percent distribution of total expenditures                         |           |           |           |           |           |           |           |
| Food, beverage and tobacco   | 19.80     | 19.53     | 19.72     | 19.18     | 18.96     | 18.22     | 17.33     |
| Clothing and footwear  | 4.94      | 4.63      | 4.51      | 4.52      | 4.50      | 4.10      | 3.85      |
| Housing, water, electricity, gas and other fuels                   | 25.80     | 25.13     | 25.62     | 25.46     | 25.61     | 25.33     | 25.62     |
| Furnishings, household equipment and routine household maintenance | 3.41      | 3.43      | 3.27      | 3.07      | 2.84      | 2.76      | 2.66      |
| Health   | 8.49      | 10.37     | 9.79      | 9.92      | 10.25     | 10.89     | 11.01     |
| Transport and communication  | 10.40     | 10.50     | 10.65     | 10.91     | 11.03     | 11.56     | 11.86     |
| Recreation, culture and education                                  | 11.89     | 11.60     | 11.51     | 11.65     | 11.52     | 11.63     | 12.06     |
| Restaurants and hotels   | 8.59      | 8.16      | 8.43      | 8.66      | 8.87      | 8.93      | 8.92      |
| Miscellaneous goods and services                                   | 6.68      | 6.66      | 6.51      | 6.63      | 6.41      | 6.58      | 6.69      |
| Average savings per household                                      | 223 768   | 220 303   | 211 943   | 228 951   | 226 831   | 233 770   | 228 723   |
| By disposable income quintile                                      |           |           |           |           |           |           |           |
| Lowest 20%   | 25 181    | 25 307    | 13 216    | 19 994    | 21 976    | 26 735    | 14 733    |
| Second 20%   | 79 808    | 73 759    | 72 963    | 70 245    | 64 267    | 76 305    | 68 572    |
| Third 20%  | 147 453   | 137 276   | 133 085   | 141 247   | 132 630   | 139 931   | 143 820   |
| Fourth 20%   | 267 546   | 263 094   | 244 207   | 256 068   | 250 840   | 254 371   | 262 601   |
| Highest 20%  | 598 851   | 602 083   | 596 242   | 657 199   | 664 443   | 671 511   | 653 888   |

## expenditure and savings of households

NT\$

| 2001      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 868 651   | 875 919   | 881 662   | 891 249   | 894 574   | 913 092   | 923 874   | 913 687   | 887 605   | 889 353   |
| 279 404   | 292 113   | 296 297   | 297 305   | 297 694   | 304 274   | 312 145   | 303 517   | 282 260   | 288 553   |
| 524 766   | 538 584   | 545 465   | 555 452   | 556 117   | 564 865   | 571 128   | 564 893   | 544 532   | 542 741   |
| 740 054   | 743 888   | 745 231   | 775 719   | 779 044   | 795 427   | 799 418   | 796 225   | 771 572   | 773 468   |
| 1 013 478 | 1 005 274 | 1 021 325 | 1 035 972 | 1 043 131 | 1 073 507 | 1 069 885 | 1 068 804 | 1 049 242 | 1 054 693 |
| 1 785 550 | 1 799 733 | 1 799 992 | 1 791 796 | 1 796 884 | 1 827 387 | 1 866 791 | 1 834 994 | 1 790 418 | 1 787 312 |
| 6.39      | 6.16      | 6.07      | 6.03      | 6.04      | 6.01      | 5.98      | 6.05      | 6.34      | 6.19      |
| 657 872   | 672 619   | 666 372   | 692 648   | 701 076   | 713 024   | 716 094   | 705 413   | 705 680   | 702 292   |
| 283 920   | 302 415   | 294 645   | 295 476   | 299 642   | 304 091   | 313 309   | 309 419   | 312 957   | 309 078   |
| 480 451   | 500 714   | 491 137   | 513 243   | 516 758   | 524 833   | 530 417   | 522 744   | 520 079   | 508 446   |
| 629 430   | 647 533   | 650 448   | 678 420   | 688 550   | 702 656   | 699 698   | 687 699   | 674 549   | 680 747   |
| 792 556   | 804 065   | 802 983   | 831 215   | 861 302   | 860 439   | 868 505   | 849 967   | 856 788   | 849 369   |
| 1 103 002 | 1 108 368 | 1 092 645 | 1 144 888 | 1 139 131 | 1 173 099 | 1 168 540 | 1 157 234 | 1 164 025 | 1 163 820 |
| 17.29     | 17.17     | 16.86     | 16.44     | 16.20     | 16.13     | 16.48     | 16.40     | 16.68     | 16.64     |
| 3.66      | 3.57      | 3.53      | 3.48      | 3.41      | 3.37      | 3.27      | 3.18      | 3.19      | 3.23      |
| 25.08     | 24.23     | 24.38     | 23.52     | 23.77     | 23.67     | 23.91     | 24.23     | 24.30     | 24.57     |
| 2.59      | 2.47      | 2.43      | 2.57      | 2.51      | 2.41      | 2.48      | 2.47      | 2.53      | 2.48      |
| 11.43     | 12.16     | 12.52     | 12.74     | 13.19     | 13.75     | 14.11     | 14.35     | 14.45     | 14.39     |
| 12.12     | 12.67     | 12.50     | 12.96     | 12.97     | 12.79     | 12.90     | 12.38     | 12.73     | 12.52     |
| 12.04     | 12.20     | 11.99     | 12.07     | 11.75     | 11.53     | 11.23     | 11.29     | 11.04     | 11.01     |
| 8.98      | 8.78      | 8.92      | 9.14      | 9.32      | 9.31      | 9.67      | 10.08     | 9.37      | 9.71      |
| 6.82      | 6.75      | 6.88      | 7.08      | 6.88      | 7.03      | 5.95      | 5.62      | 5.71      | 5.45      |
| 210 779   | 203 300   | 215 290   | 198 600   | 193 497   | 200 068   | 207 780   | 208 274   | 181 925   | 187 061   |
| - 4 516   | - 10 302  | 1 652     | 1 829     | - 1 948   | 183       | - 1 164   | - 5 902   | - 30 697  | - 20 525  |
| 44 315    | 37 871    | 54 328    | 42 208    | 39 360    | 40 032    | 40 711    | 42 149    | 24 453    | 34 295    |
| 110 623   | 96 355    | 94 783    | 97 299    | 90 494    | 92 770    | 99 720    | 108 525   | 97 023    | 92 720    |
| 220 922   | 201 210   | 218 342   | 204 757   | 181 829   | 213 067   | 201 380   | 218 837   | 192 454   | 205 324   |
| 682 548   | 691 365   | 707 347   | 646 909   | 657 753   | 654 288   | 698 251   | 677 760   | 626 394   | 623 492   |

Table 105. Average family income

| Item  | General average  | Disposable        |                   |
|---|------------------|-------------------|-------------------|
|   |                  | Lowest 20 percent | Second 20 percent |
| No. of households (households)  | 7 840 923        | 1 568 185         | 1 568 185         |
| No. of persons per household (persons)                                | 3.25             | 1.82              | 2.83              |
| No. of adults per household (persons)                                 | 2.53             | 1.62              | 2.20              |
| No. of persons employed per household (persons)                       | 1.44             | 0.53              | 1.10              |
| No. of income recipients per household (persons)                      | 1.62             | 1.05              | 1.26              |
| <b>A. Total receipts</b>  | <b>1 071 938</b> | <b>347 637</b>    | <b>658 295</b>    |
| 1. Compensation of employees  | 619 014          | 90 456            | 314 951           |
| 2. Entrepreneurial income   | 145 430          | 28 723            | 87 874            |
| 3. Property income  | 48 387           | 14 060            | 22 890            |
| 4. Imputed rent income  | 65 885           | 35 927            | 51 220            |
| 5. Current transfer receipts  | 193 047          | 178 257           | 181 171           |
| ( 1 ) From individuals  | 59 536           | 74 808            | 64 925            |
| ( 2 ) From government   | 47 575           | 58 859            | 51 537            |
| ( 3 ) Benefit of social insurance                                     | 83 174           | 43 880            | 63 838            |
| ( 4 ) From enterprises  | 1 396            | 345               | 671               |
| ( 5 ) From abroad   | 1 365            | 365               | 201               |
| 6. Miscellaneous receipts   | 174              | 214               | 189               |
| <b>B. Nonconsumption expenditures</b>                                 | <b>182 585</b>   | <b>59 084</b>     | <b>115 555</b>    |
| 1. Interest   | 12 825           | 3 059             | 8 662             |
| 2. Current transfer expenditures                                      | 169 760          | 56 025            | 106 893           |
| ( 1 ) To private  | 43 435           | 15 858            | 25 388            |
| ( 2 ) To government   | 29 467           | 6 955             | 13 887            |
| ( 3 ) Social insurance  | 93 834           | 32 803            | 65 123            |
| ( 4 ) To abroad   | 3 025            | 408               | 2 494             |
| <b>C. Consumption expenditures</b>                                    | <b>702 292</b>   | <b>309 078</b>    | <b>508 446</b>    |
| 1. Food and non-alcoholic beverages                                   | 107 662          | 57 142            | 88 433            |
| 2. Tobacco, alcoholic beverages and betel nuts                        | 9 201            | 5 247             | 7 980             |
| 3. Clothing and footwear  | 22 664           | 7 084             | 14 239            |
| 4. Housing, water, electricity, gas and other fuels                   | 172 576          | 101 580           | 140 550           |
| 5. Furnishings, household equipment and routine household maintenance | 17 429           | 6 317             | 11 182            |
| 6. Health   | 101 089          | 52 309            | 75 526            |
| 7. Transport  | 64 650           | 18 361            | 40 090            |
| 8. Communication  | 23 283           | 8 418             | 16 930            |
| 9. Recreation and culture   | 37 247           | 10 793            | 20 665            |
| 10. Education   | 40 054           | 5 700             | 22 669            |
| 11. Restaurants and hotels  | 68 195           | 23 224            | 46 673            |
| 12. Miscellaneous goods and services                                  | 38 241           | 12 903            | 23 509            |
| <b>Disposable income</b>  | <b>889 353</b>   | <b>288 553</b>    | <b>542 741</b>    |
| <b>Consumption expenditures</b>                                       | <b>702 292</b>   | <b>309 078</b>    | <b>508 446</b>    |
| <b>Saving</b>   | <b>187 061</b>   | <b>- 20 525</b>   | <b>34 295</b>     |
| <b>Current receipts</b>   | <b>1 123 761</b> | <b>376 407</b>    | <b>698 573</b>    |

## and expenditure per household, 2010

NT\$

| income quintile  |                   |                    | Farm and non-farm |                  |
|------------------|-------------------|--------------------|-------------------|------------------|
| Third 20 percent | Fourth 20 percent | Highest 20 percent | Farm              | Non-farm         |
| 1 568 185        | 1 568 185         | 1 568 183          | 791 033           | 7 049 890        |
| 3.48             | 3.92              | 4.20               | 3.45              | 3.23             |
| 2.60             | 2.97              | 3.25               | 2.79              | 2.50             |
| 1.50             | 1.84              | 2.21               | 1.78              | 1.40             |
| 1.56             | 1.89              | 2.32               | 1.71              | 1.61             |
| <b>935 700</b>   | <b>1 270 432</b>  | <b>2 147 628</b>   | <b>833 770</b>    | <b>1 098 662</b> |
| 515 332          | 771 273           | 1 403 061          | 339 681           | 650 357          |
| 141 390          | 177 063           | 292 100            | 201 566           | 139 131          |
| 37 720           | 48 559            | 118 707            | 22 847            | 51 253           |
| 63 357           | 75 901            | 103 023            | 48 198            | 67 870           |
| 177 733          | 197 488           | 230 584            | 221 285           | 189 878          |
| 51 457           | 50 386            | 56 104             | 47 131            | 60 928           |
| 45 833           | 46 174            | 35 471             | 84 309            | 43 453           |
| 78 392           | 97 578            | 132 184            | 88 467            | 82 580           |
| 624              | 1 315             | 4 026              | 1 215             | 1 417            |
| 1 427            | 2 035             | 2 799              | 163               | 1 500            |
| 167              | 148               | 153                | 194               | 172              |
| <b>162 232</b>   | <b>215 738</b>    | <b>360 316</b>     | <b>130 937</b>    | <b>188 380</b>   |
| 13 367           | 16 140            | 22 896             | 2 973             | 13 930           |
| 148 865          | 199 598           | 337 421            | 127 963           | 174 450          |
| 36 315           | 49 568            | 90 046             | 34 388            | 44 450           |
| 20 685           | 31 057            | 74 750             | 20 852            | 30 434           |
| 90 800           | 116 483           | 163 959            | 70 711            | 96 428           |
| 1 065            | 2 491             | 8 665              | 2 012             | 3 139            |
| <b>680 747</b>   | <b>849 369</b>    | <b>1 163 820</b>   | <b>574 317</b>    | <b>716 652</b>   |
| 111 285          | 129 361           | 152 089            | 101 589           | 108 344          |
| 10 013           | 10 894            | 11 874             | 10 417            | 9 065            |
| 20 830           | 28 465            | 42 704             | 17 034            | 23 296           |
| 167 646          | 194 447           | 258 657            | 119 302           | 178 554          |
| 15 057           | 20 379            | 34 211             | 13 359            | 17 886           |
| 95 141           | 121 565           | 160 904            | 107 558           | 100 363          |
| 60 487           | 81 485            | 122 829            | 58 280            | 65 365           |
| 23 647           | 29 460            | 37 961             | 17 918            | 23 885           |
| 30 864           | 42 445            | 81 466             | 24 099            | 38 722           |
| 44 614           | 57 084            | 70 205             | 29 092            | 41 285           |
| 68 854           | 87 373            | 114 850            | 44 824            | 70 817           |
| 32 310           | 46 412            | 76 070             | 30 846            | 39 071           |
| <b>773 468</b>   | <b>1 054 693</b>  | <b>1 787 312</b>   | <b>702 834</b>    | <b>910 281</b>   |
| <b>680 747</b>   | <b>849 369</b>    | <b>1 163 820</b>   | <b>574 317</b>    | <b>716 652</b>   |
| <b>92 720</b>    | <b>205 324</b>    | <b>623 492</b>     | <b>128 517</b>    | <b>193 630</b>   |
| <b>985 205</b>   | <b>1 328 963</b>  | <b>2 229 660</b>   | <b>869 150</b>    | <b>1 152 330</b> |

Table 106. Transactions table at purchasers<sup>1</sup>

| Kind of industries  |   | AA   | AB                  | AC       | AD      | B                       | CA                    | CB  | CC             |
|---------------------|---|--|---------------------|----------|---------|-------------------------|-----------------------|---|----------------|
| Kind of commodities |   | Agriculture,<br>horticulture<br>and agrarian<br>services | Animal<br>husbandry | Forestry | Fishing | Mining and<br>quarrying | Food<br>manufacturing | Beverages<br>and tobacco<br>manufacturing | Textiles mills |
| 01                  | Agricultural products   | 45 786   | 12 615              | 0        | 765     | 0                       | 131 991               | 4 567                                     | 8 418          |
| 02                  | Livestock   | 1 635  | 13 940              | 0        | 13      | 0                       | 124 429               | 264                                       | 1 143          |
| 03                  | Forest products   | 148  | 25                  | 190      | 1       | 0                       | 54                    | 1   | 6              |
| 04                  | Fishery products  | 0  | 188                 | 0        | 5 270   | 0                       | 9 720                 | 162                                       | 0              |
| 05                  | Minerals  | 0  | 5                   | 0        | 19      | 45 102                  | 1 381                 | 51  | 550            |
| 06                  | Process foods   | 349  | 88 674              | 0        | 13 303  | 0                       | 118 806               | 7 738                                     | 458            |
| 07                  | Beverages   | 8  | 82                  | 0        | 0       | 0                       | 833                   | 1 726                                     | 0              |
| 08                  | Tobacco   | 0  | 0                   | 0        | 0       | 0                       | 0                     | 4 464                                     | 0              |
| 09                  | Textile mill products   | 275  | 22                  | 3        | 1 994   | 52                      | 484                   | 13  | 117 194        |
| 10                  | Wearing apparel and clothing accessories  | 22   | 0                   | 1        | 12      | 0                       | 24                    | 14  | 197            |
| 11                  | Leather, fur and related products   | 0  | 0                   | 0        | 0       | 0                       | 0                     | 1   | 197            |
| 12                  | Wood and related products   | 423  | 152                 | 0        | 313     | 317                     | 302                   | 25  | 144            |
| 13                  | Pulp, paper and paper products  | 231  | 43                  | 0        | 85      | 13                      | 8 036                 | 3 768                                     | 2 092          |
| 14                  | Printing and reproduction of recorded media                                       | 99   | 52                  | 0        | 203     | 20                      | 545                   | 327                                       | 262            |
| 15                  | Petroleum and coal products   | 4 574  | 357                 | 56       | 16 975  | 11 913                  | 6 095                 | 1 344                                     | 6 489          |
| 16                  | Chemical materials  | 16 663   | 21                  | 3        | 22      | 73                      | 2 363                 | 2 518                                     | 60 462         |
| 17                  | Chemical products   | 5 841  | 81                  | 7        | 207     | 1 091                   | 2 441                 | 1 173                                     | 13 741         |
| 18                  | Medicines   | 751  | 2 543               | 0        | 271     | 15                      | 2 457                 | 146                                       | 18             |
| 19                  | Rubber products   | 150  | 600                 | 1        | 1       | 399                     | 131                   | 7   | 2 077          |
| 20                  | Plastic products  | 2 102  | 135                 | 2        | 244     | 126                     | 11 499                | 3 232                                     | 2 733          |
| 21                  | Non-metallic mineral products   | 75   | 0                   | 2        | 8       | 94                      | 1 223                 | 1 188                                     | 2 171          |
| 22                  | Iron and steel products   | 2  | 0                   | 0        | 114     | 402                     | 9                     | 8   | 89             |
| 23                  | Miscellaneous metals  | 0  | 0                   | 0        | 0       | 0                       | 1 057                 | 612                                       | 93             |
| 24                  | Fabricated metal products   | 760  | 473                 | 9        | 35      | 476                     | 4 845                 | 8 182                                     | 702            |
| 25                  | Electronic parts and components   | 0  | 0                   | 0        | 0       | 0                       | 6                     | 3   | 9              |
| 26                  | Computers, electronic and optical products  | 3  | 0                   | 0        | 0       | 106                     | 48                    | 8   | 40             |
| 27                  | Electrical equipment  | 37   | 0                   | 4        | 67      | 149                     | 57                    | 3   | 123            |
| 28                  | Mechanical equipment  | 1 194  | 198                 | 4        | 554     | 3 617                   | 1 223                 | 296                                       | 2 130          |
| 29                  | Motor vehicles and parts  | 4  | 3                   | 5        | 1       | 24                      | 78                    | 6   | 98             |
| 30                  | Other transport equipment   | 0  | 0                   | 0        | 1 434   | 0                       | 8                     | 0   | 2              |
| 31                  | Furniture   | 0  | 0                   | 0        | 0       | 2                       | 0                     | 0   | 3              |
| 32                  | Other manufactures & repair and maintenance of industrial machinery and equipment | 136  | 1                   | 0        | 3 578   | 621                     | 1 220                 | 511                                       | 1 833          |
| 33                  | Electricity supply  | 813  | 1 640               | 7        | 1 769   | 2 468                   | 9 097                 | 1 496                                     | 12 816         |
| 34                  | Gas supply  | 4  | 7                   | 4        | 0       | 11                      | 339                   | 32  | 206            |
| 35                  | Water supply  | 13   | 325                 | 0        | 16      | 90                      | 212                   | 99  | 385            |
| 36                  | Remediation services  | 38   | 281                 | 0        | 0       | 0                       | 759                   | 758                                       | 884            |
| 37                  | Construction  | 561  | 196                 | 12       | 90      | 710                     | 808                   | 240                                       | 1 137          |
| 38                  | Wholesale and retail trade  | 0  | 0                   | 0        | 636     | 120                     | 3 541                 | 521                                       | 1 671          |
| 39                  | Transportation and storage  | 64   | 0                   | 26       | 1 453   | 168                     | 2 881                 | 254                                       | 1 762          |
| 40                  | Accommodation and food services   | 171  | 0                   | 31       | 50      | 43                      | 1 176                 | 80  | 1 395          |
| 41                  | Mass communication services   | 5  | 3                   | 2        | 28      | 18                      | 252                   | 45  | 105            |
| 42                  | Telecommunication services  | 31   | 1                   | 4        | 211     | 284                     | 942                   | 88  | 763            |
| 43                  | Data processing & information services  | 0  | 0                   | 0        | 7       | 12                      | 1 027                 | 55  | 275            |
| 44                  | Finance and insurance services  | 962  | 2 540               | 36       | 616     | 503                     | 5 297                 | 721                                       | 4 333          |
| 45                  | Real estate services  | 0  | 1                   | 0        | 295     | 66                      | 1 578                 | 71  | 474            |
| 46                  | Professional, scientific and technical services                                   | 1 486  | 576                 | 3        | 121     | 1 123                   | 14 754                | 3 610                                     | 5 967          |
| 47                  | Support services  | 5  | 3                   | 2        | 37      | 707                     | 2 634                 | 404                                       | 1 187          |
| 48                  | Public administration services  | 971  | 378                 | 40       | 1 216   | 225                     | 2 191                 | 696                                       | 609            |
| 49                  | Education services  | 49   | 202                 | 3        | 15      | 2                       | 430                   | 22  | 287            |
| 50                  | Human health and social work services   | 47   | 333                 | 6        | 110     | 0                       | 299                   | 13  | 226            |
| 51                  | Arts, entertainment and recreation services                                       | 0  | 0                   | 0        | 0       | 2                       | 102                   | 7   | 66             |
| 52                  | Other services  | 50   | 6                   | 13       | 220     | 235                     | 1 437                 | 329                                       | 1 386          |
| 01-52               | Intermediate inputs   | 86 538   | 126 702             | 476      | 52 379  | 71 399                  | 481 121               | 51 899                                    | 259 408        |
| 53                  | Compensation of employees   | 31 213   | 1 678               | 1 172    | 20 980  | 13 270                  | 48 414                | 14 175                                    | 54 050         |
| 54                  | Operating surplus   | 131 739  | 28 256              | 762      | 15 899  | 32 978                  | 17 722                | 16 373                                    | 4 755          |
| 55                  | Consumption of fixed capital  | 9 028  | 2 744               | 350      | 2 661   | 3 860                   | 9 654                 | 3 243                                     | 9 731          |
| 56                  | Net indirect taxes  | - 24 263   | - 924               | - 716    | - 4 710 | 1 583                   | 3 803                 | 42 681                                    | 637            |
| 53-56               | Primary inputs  | 147 717  | 31 754              | 1 568    | 34 830  | 51 691                  | 79 593                | 76 472                                    | 69 173         |
| 01-56               | Total inputs  | 234 255  | 158 456             | 2 044    | 87 209  | 123 090                 | 560 714               | 128 371                                   | 328 581        |

## prices( C x I ), 2009

Million NT\$

| CD   | CE  | CF                                     | CG   | CH  | CI  | CJ                              | CK                              | CL                          | CM                            | CN                             |
|--|---|--|--|---|---|---------------------------------|---------------------------------|-----------------------------|-------------------------------|--------------------------------|
| Wearing apparel and clothing accessories manufacturing | Leather, fur and related products manufacturing | Wood and bamboo products manufacturing | Pulp, paper and paper products manufacturing | Printing and reproduction of recorded media | Petroleum and coal products manufacturing | Chemical material manufacturing | Chemical products manufacturing | Medical goods manufacturing | Rubber products manufacturing | Plastic products manufacturing |
| 48   | 2   | 0                                      | 0  | 0   | 0   | 237                             | 328                             | 613                         | 1                             | 24                             |
| 8  | 0   | 0                                      | 0  | 0   | 0   | 30                              | 7                               | 97                          | 0                             | 17                             |
| 1  | 50  | 4 628                                  | 193  | 0   | 5   | 2                               | 240                             | 0                           | 5 590                         | 49                             |
| 0  | 0   | 0                                      | 0  | 0   | 0   | 0                               | 40                              | 25                          | 0                             | 0                              |
| 1  | 26  | 3                                      | 2 199  | 65  | 728 916                                   | 24 658                          | 1 253                           | 34                          | 63                            | 458                            |
| 67   | 7 525   | 36                                     | 3  | 0   | 11  | 620                             | 1 379                           | 1 392                       | 0                             | 104                            |
| 0  | 0   | 0                                      | 0  | 0   | 0   | 7                               | 6                               | 14                          | 0                             | 0                              |
| 0  | 0   | 0                                      | 0  | 0   | 0   | 0                               | 0                               | 0                           | 0                             | 0                              |
| 26 487   | 1 327   | 101                                    | 2 150  | 245   | 117                                       | 6 245                           | 542                             | 1 303                       | 4 106                         | 5 139                          |
| 3 365  | 156   | 0                                      | 11   | 2   | 12  | 166                             | 0                               | 8                           | 3                             | 138                            |
| 59   | 9 107   | 10                                     | 2  | 5   | 12  | 70                              | 1                               | 0                           | 3                             | 457                            |
| 26   | 90  | 11 030                                 | 3 918  | 83  | 35  | 196                             | 178                             | 2                           | 24                            | 199                            |
| 534  | 391   | 264                                    | 82 515                                       | 29 013                                      | 155                                       | 5 368                           | 2 431                           | 2 181                       | 478                           | 2 578                          |
| 195  | 98  | 31                                     | 343  | 1 593                                       | 115                                       | 426                             | 311                             | 120                         | 4                             | 259                            |
| 917  | 526   | 598                                    | 6 044  | 1 133                                       | 64 152                                    | 288 390                         | 2 847                           | 695                         | 1 808                         | 2 952                          |
| 416  | 2 631   | 473                                    | 5 656  | 2 956                                       | 4 661                                     | 935 094                         | 54 150                          | 2 082                       | 19 658                        | 120 724                        |
| 82   | 2 565   | 877                                    | 6 316  | 8 345                                       | 6 317                                     | 22 662                          | 46 753                          | 1 222                       | 4 653                         | 15 944                         |
| 0  | 26  | 0                                      | 0  | 0   | 27  | 14                              | 45                              | 22 692                      | 0                             | 4                              |
| 160  | 116   | 64                                     | 254  | 58  | 293                                       | 455                             | 34                              | 30                          | 6 395                         | 2 595                          |
| 741  | 1 627   | 607                                    | 4 495  | 2 918                                       | 1 117                                     | 5 401                           | 5 163                           | 1 665                       | 689                           | 33 512                         |
| 1  | 7   | 7                                      | 6  | 30  | 350                                       | 2 239                           | 1 236                           | 2 563                       | 6                             | 109                            |
| 0  | 11  | 29                                     | 33   | 290   | 1 667                                     | 846                             | 202                             | 9                           | 2 421                         | 1 750                          |
| 0  | 50  | 12                                     | 410  | 2 459                                       | 1 050                                     | 13 630                          | 1 204                           | 62                          | 299                           | 929                            |
| 136  | 211   | 233                                    | 161  | 789   | 1 013                                     | 2 171                           | 3 529                           | 436                         | 983                           | 3 960                          |
| 2  | 12  | 0                                      | 0  | 1   | 0   | 1 657                           | 18                              | 126                         | 2                             | 437                            |
| 6  | 69  | 73                                     | 5  | 1 527                                       | 849                                       | 767                             | 33                              | 80                          | 1                             | 59                             |
| 26   | 14  | 10                                     | 48   | 13  | 761                                       | 466                             | 213                             | 12                          | 16                            | 401                            |
| 87   | 74  | 164                                    | 778  | 286   | 3 371                                     | 4 861                           | 467                             | 9                           | 506                           | 1 741                          |
| 21   | 4   | 8                                      | 49   | 5   | 550                                       | 118                             | 26                              | 3                           | 25                            | 499                            |
| 17   | 9   | 0                                      | 0  | 0   | 3   | 0                               | 21                              | 0                           | 0                             | 5                              |
| 0  | 0   | 0                                      | 0  | 0   | 4   | 3                               | 6                               | 0                           | 0                             | 2                              |
| 988  | 177   | 156                                    | 1 018  | 807   | 2 773                                     | 6 399                           | 706                             | 416                         | 477                           | 1 149                          |
| 1 128  | 489   | 822                                    | 8 707  | 2 228                                       | 50 621                                    | 63 139                          | 4 545                           | 1 064                       | 2 222                         | 7 190                          |
| 38   | 24  | 17                                     | 91   | 39  | 36  | 897                             | 62                              | 58                          | 60                            | 84                             |
| 39   | 17  | 30                                     | 86   | 38  | 614                                       | 3 504                           | 172                             | 84                          | 34                            | 386                            |
| 1  | 86  | 0                                      | 11 364                                       | 18  | 14  | 1 001                           | 8                               | 5                           | 0                             | 55                             |
| 218  | 153   | 113                                    | 687  | 471   | 4 663                                     | 8 862                           | 630                             | 243                         | 202                           | 784                            |
| 1 109  | 263   | 141                                    | 935  | 205   | 826                                       | 3 481                           | 1 450                           | 1 882                       | 474                           | 940                            |
| 943  | 310   | 218                                    | 893  | 269   | 1 413                                     | 3 865                           | 1 372                           | 764                         | 786                           | 1 737                          |
| 324  | 84  | 92                                     | 224  | 388   | 434                                       | 1 461                           | 900                             | 4 343                       | 147                           | 3 585                          |
| 79   | 76  | 36                                     | 76   | 51  | 27  | 175                             | 65                              | 36                          | 18                            | 69                             |
| 307  | 153   | 141                                    | 426  | 828   | 594                                       | 878                             | 609                             | 239                         | 218                           | 569                            |
| 231  | 45  | 22                                     | 67   | 55  | 165                                       | 383                             | 249                             | 71                          | 36                            | 236                            |
| 963  | 1 081   | 630                                    | 2 841  | 1 840                                       | 5 571                                     | 11 141                          | 2 801                           | 1 043                       | 1 687                         | 4 957                          |
| 554  | 187   | 38                                     | 221  | 303   | 261                                       | 506                             | 311                             | 129                         | 108                           | 451                            |
| 1 779  | 2 176   | 405                                    | 2 419  | 1 917                                       | 7 143                                     | 12 944                          | 6 853                           | 7 897                       | 2 410                         | 5 061                          |
| 1 085  | 211   | 63                                     | 605  | 1 018                                       | 3 285                                     | 6 888                           | 1 928                           | 493                         | 387                           | 914                            |
| 301  | 90  | 138                                    | 178  | 413   | 1 863                                     | 3 623                           | 771                             | 302                         | 329                           | 762                            |
| 32   | 28  | 14                                     | 7  | 1   | 34  | 31                              | 72                              | 41                          | 0                             | 11                             |
| 272  | 53  | 6                                      | 12   | 10  | 33  | 549                             | 62                              | 23                          | 92                            | 342                            |
| 29   | 27  | 5                                      | 21   | 20  | 9   | 65                              | 42                              | 34                          | 17                            | 57                             |
| 283  | 158   | 153                                    | 271  | 444   | 1 279                                     | 1 698                           | 382                             | 134                         | 288                           | 856                            |
| 44 106   | 32 612  | 22 498                                 | 146 738                                      | 63 179                                      | 897 221                                   | 1 448 289                       | 146 653                         | 56 776                      | 57 726                        | 225 240                        |
| 19 118   | 7 208   | 6 910                                  | 23 150                                       | 24 441                                      | 25 186                                    | 69 131                          | 30 989                          | 13 244                      | 16 553                        | 47 388                         |
| 732  | 1 854   | 972                                    | 6 104  | 8 254                                       | 33 228                                    | 111 011                         | 7 626                           | 10 427                      | 5 762                         | 752                            |
| 1 081  | 541   | 772                                    | 4 402  | 3 398                                       | 30 506                                    | 44 330                          | 5 329                           | 2 085                       | 2 780                         | 11 275                         |
| 204  | 100   | 114                                    | 342  | 258   | 90 068                                    | 2 083                           | 648                             | 249                         | 1 095                         | 826                            |
| 21 135   | 9 703   | 8 768                                  | 33 998                                       | 36 351                                      | 178 988                                   | 226 555                         | 44 592                          | 26 005                      | 26 190                        | 60 241                         |
| 65 241   | 42 315  | 31 266                                 | 180 736                                      | 99 530                                      | 1 076 209                                 | 1 674 844                       | 191 245                         | 82 781                      | 83 916                        | 285 481                        |

Table 106. Transactions table at purchasers<sup>1</sup>

| Kind of industries  |   | CO  | CP                        | CQ                                      | CR  | CS   | CT                                 | CU                                    |
|---------------------|---|---|---------------------------|---|---|--|------------------------------------|---------------------------------------|
| Kind of commodities |   | Non-metallic mineral products manufacturing | Basic metal manufacturing | Fabricated metal products manufacturing | Electronic parts and components manufacturing | Computers, electronic and optical products manufacturing | Electrical equipment manufacturing | Machinery and equipment manufacturing |
| 01                  | Agricultural products   | 20  | 1                         | 0                                       | 70  | 0  | 2                                  | 142                                   |
| 02                  | Livestock   | 4   | 0                         | 0                                       | 9   | 0  | 0                                  | 0                                     |
| 03                  | Forest products   | 3   | 7                         | 0                                       | 80  | 1  | 5                                  | 137                                   |
| 04                  | Fishery products  | 0   | 0                         | 0                                       | 0   | 0  | 0                                  | 0                                     |
| 05                  | Minerals  | 55 504                                      | 66 096                    | 1 232                                   | 2 653   | 989  | 469                                | 514                                   |
| 06                  | Process foods   | 96  | 29                        | 1                                       | 26  | 1  | 9                                  | 24                                    |
| 07                  | Beverages   | 2   | 0                         | 0                                       | 0   | 1  | 0                                  | 0                                     |
| 08                  | Tobacco   | 0   | 0                         | 0                                       | 0   | 0  | 0                                  | 0                                     |
| 09                  | Textile mill products   | 841   | 248                       | 760                                     | 11 609  | 589  | 891                                | 312                                   |
| 10                  | Wearing apparel and clothing accessories  | 2   | 5                         | 91                                      | 417   | 38   | 14                                 | 14                                    |
| 11                  | Leather, fur and related products   | 1   | 11                        | 257                                     | 52  | 72   | 34                                 | 296                                   |
| 12                  | Wood and related products   | 532   | 154                       | 1 180                                   | 188   | 548  | 630                                | 1 566                                 |
| 13                  | Pulp, paper and paper products  | 2 892                                       | 752                       | 2 439                                   | 10 307  | 6 671  | 2 262                              | 1 073                                 |
| 14                  | Printing and reproduction of recorded media                                       | 97  | 72                        | 582                                     | 1 326   | 1 733  | 257                                | 300                                   |
| 15                  | Petroleum and coal products   | 14 334                                      | 42 268                    | 6 773                                   | 6 888   | 9 137  | 3 995                              | 4 087                                 |
| 16                  | Chemical materials  | 7 449                                       | 31 089                    | 10 305                                  | 201 277                                       | 16 066   | 9 637                              | 2 485                                 |
| 17                  | Chemical products   | 4 740                                       | 8 309                     | 12 334                                  | 81 643  | 5 110  | 3 296                              | 1 946                                 |
| 18                  | Medicines   | 0   | 0                         | 0                                       | 26  | 72   | 4                                  | 1                                     |
| 19                  | Rubber products   | 203   | 64                        | 1 185                                   | 6 140   | 2 074  | 1 704                              | 9 947                                 |
| 20                  | Plastic products  | 821   | 564                       | 5 209                                   | 61 603  | 17 997   | 9 549                              | 3 689                                 |
| 21                  | Non-metallic mineral products   | 42 253                                      | 6 945                     | 1 806                                   | 14 733  | 5 091  | 1 667                              | 2 247                                 |
| 22                  | Iron and steel products   | 5 457                                       | 540 659                   | 189 422                                 | 6 553   | 5 822  | 22 696                             | 112 338                               |
| 23                  | Miscellaneous metals  | 312   | 194 719                   | 48 938                                  | 84 434  | 8 411  | 61 649                             | 18 718                                |
| 24                  | Fabricated metal products   | 1 918                                       | 15 493                    | 60 390                                  | 17 148  | 9 860  | 9 848                              | 40 875                                |
| 25                  | Electronic parts and components   | 88  | 113                       | 579                                     | 1 559 871                                     | 230 763  | 17 370                             | 9 349                                 |
| 26                  | Computers, electronic and optical products  | 71  | 96                        | 372                                     | 7 177   | 43 501   | 3 294                              | 13 545                                |
| 27                  | Electrical equipment  | 344   | 1 102                     | 1 809                                   | 20 784  | 12 881   | 87 389                             | 32 161                                |
| 28                  | Mechanical equipment  | 3 960                                       | 4 665                     | 8 744                                   | 29 396  | 3 555  | 14 557                             | 90 752                                |
| 29                  | Motor vehicles and parts  | 135   | 72                        | 70                                      | 134   | 461  | 689                                | 673                                   |
| 30                  | Other transport equipment   | 3   | 7                         | 311                                     | 22  | 36   | 165                                | 473                                   |
| 31                  | Furniture   | 2   | 6                         | 14                                      | 0   | 3  | 13                                 | 67                                    |
| 32                  | Other manufactures & repair and maintenance of industrial machinery and equipment | 2 245                                       | 5 493                     | 1 431                                   | 21 708  | 1 776  | 1 338                              | 1 772                                 |
| 33                  | Electricity supply  | 11 197                                      | 27 260                    | 9 028                                   | 60 365  | 10 913   | 3 469                              | 3 551                                 |
| 34                  | Gas supply  | 1 057                                       | 642                       | 347                                     | 2 729   | 517  | 255                                | 130                                   |
| 35                  | Water supply  | 451   | 1 349                     | 227                                     | 1 773   | 481  | 117                                | 87                                    |
| 36                  | Remediation services  | 802   | 38 916                    | 358                                     | 837   | 847  | 187                                | 31                                    |
| 37                  | Construction  | 1 537                                       | 4 274                     | 1 894                                   | 6 452   | 2 625  | 496                                | 1 015                                 |
| 38                  | Wholesale and retail trade  | 494   | 2 254                     | 1 765                                   | 13 312  | 8 973  | 2 255                              | 4 152                                 |
| 39                  | Transportation and storage  | 960   | 3 080                     | 3 382                                   | 12 433  | 12 689   | 3 398                              | 5 678                                 |
| 40                  | Accommodation and food services   | 527   | 771                       | 1 831                                   | 5 274   | 6 240  | 1 573                              | 3 042                                 |
| 41                  | Mass communication services   | 90  | 67                        | 100                                     | 1 003   | 1 688  | 222                                | 243                                   |
| 42                  | Telecommunication services  | 720   | 1 190                     | 1 664                                   | 4 560   | 5 022  | 716                                | 1 297                                 |
| 43                  | Data processing & information services  | 246   | 343                       | 303                                     | 3 137   | 2 731  | 282                                | 195                                   |
| 44                  | Finance and insurance services  | 3 470                                       | 13 107                    | 7 502                                   | 52 379  | 16 849   | 7 290                              | 6 627                                 |
| 45                  | Real estate services  | 540   | 331                       | 1 122                                   | 2 792   | 8 040  | 774                                | 995                                   |
| 46                  | Professional, scientific and technical services                                   | 3 516                                       | 5 495                     | 5 917                                   | 166 470                                       | 81 810   | 12 559                             | 12 256                                |
| 47                  | Support services  | 2 041                                       | 3 314                     | 5 187                                   | 59 386  | 26 551   | 2 763                              | 3 967                                 |
| 48                  | Public administration services  | 598   | 1 315                     | 2 417                                   | 3 549   | 2 184  | 926                                | 766                                   |
| 49                  | Education services  | 25  | 1 442                     | 393                                     | 719   | 473  | 602                                | 67                                    |
| 50                  | Human health and social work services   | 111   | 145                       | 239                                     | 1 079   | 2 902  | 640                                | 250                                   |
| 51                  | Arts, entertainment and recreation services                                       | 41  | 57                        | 171                                     | 206   | 145  | 75                                 | 168                                   |
| 52                  | Other services  | 749   | 2 460                     | 3 435                                   | 6 331   | 3 258  | 697                                | 1 380                                 |
| 01-52               | Intermediate inputs   | 173 501                                     | 1 026 851                 | 403 516                                 | 2 551 060                                     | 578 197  | 292 729                            | 395 400                               |
| 53                  | Compensation of employees   | 32 949                                      | 68 122                    | 129 963                                 | 314 758                                       | 126 436  | 58 593                             | 93 122                                |
| 54                  | Operating surplus   | 8 395                                       | 49 217                    | 12 915                                  | 92 580  | 150 926  | 23 017                             | 25 719                                |
| 55                  | Consumption of fixed capital  | 8 650                                       | 33 286                    | 27 880                                  | 487 670                                       | 33 904   | 10 271                             | 13 206                                |
| 56                  | Net indirect taxes  | 5 204                                       | 2 312                     | 2 319                                   | 4 424   | 4 216  | 3 051                              | 2 301                                 |
| 53-56               | Primary inputs  | 55 198                                      | 152 937                   | 173 077                                 | 899 432                                       | 315 482  | 94 932                             | 134 348                               |
| 01-56               | Total inputs  | 228 699                                     | 1 179 788                 | 576 593                                 | 3 450 492                                     | 893 679  | 387 661                            | 529 748                               |

Notes : <sup>1</sup>Including repair and installation of industrial machinery and equipment.<sup>2</sup>Including sewage and waste management.



## prices (C x I), 2009 (continued)

Million NT\$

| CV                                     | CW                                      | CX                      | CY                               | DA                 | DB         | EA           | EB                                | F            | GA              | GB           |
|--|---|-------------------------|----------------------------------|--------------------|------------|--------------|-----------------------------------|--------------|-----------------|--------------|
| Motor vehicles and parts manufacturing | Other transport equipment manufacturing | Furniture manufacturing | Other manufacturing <sup>1</sup> | Electricity supply | Gas supply | Water supply | Remediation services <sup>2</sup> | construction | Wholesale trade | Retail trade |
| 0                                      | 0                                       | 0                       | 7                                | 2                  | 2          | 10           | 0                                 | 694          | 111             | 985          |
| 0                                      | 0                                       | 0                       | 2                                | 0                  | 0          | 0            | 0                                 | 0            | 48              | 282          |
| 2                                      | 0                                       | 272                     | 459                              | 1                  | 1          | 1            | 0                                 | 2 484        | 5               | 0            |
| 0                                      | 0                                       | 0                       | 0                                | 0                  | 0          | 0            | 0                                 | 0            | 4               | 89           |
| 190                                    | 325                                     | 62                      | 295                              | 198 664            | 16 757     | 131          | 481                               | 50 692       | 16              | 21           |
| 0                                      | 1                                       | 0                       | 1 988                            | 11                 | 0          | 2            | 0                                 | 0            | 545             | 4 159        |
| 0                                      | 0                                       | 0                       | 0                                | 0                  | 0          | 0            | 0                                 | 0            | 6               | 43           |
| 0                                      | 0                                       | 0                       | 0                                | 0                  | 0          | 0            | 0                                 | 0            | 0               | 0            |
| 822                                    | 745                                     | 808                     | 7 559                            | 1                  | 0          | 0            | 0                                 | 411          | 1 867           | 981          |
| 2                                      | 13                                      | 102                     | 201                              | 39                 | 0          | 2            | 0                                 | 584          | 13              | 25           |
| 2 646                                  | 48                                      | 1 097                   | 887                              | 0                  | 0          | 0            | 0                                 | 0            | 261             | 16           |
| 466                                    | 1 388                                   | 5 831                   | 2 300                            | 70                 | 41         | 30           | 2                                 | 30 498       | 2 326           | 380          |
| 1 208                                  | 814                                     | 605                     | 2 428                            | 8                  | 3          | 3            | 9                                 | 1 850        | 20 561          | 10 441       |
| 39                                     | 39                                      | 44                      | 544                              | 188                | 3          | 28           | 1                                 | 320          | 9 215           | 5 640        |
| 2 183                                  | 1 509                                   | 486                     | 1 614                            | 47 441             | 18 631     | 454          | 2 097                             | 15 941       | 41 303          | 19 844       |
| 3 543                                  | 2 917                                   | 1 820                   | 10 439                           | 3 471              | 78         | 884          | 493                               | 548          | 727             | 46           |
| 2 320                                  | 2 386                                   | 818                     | 2 087                            | 178                | 68         | 70           | 3 727                             | 24 573       | 896             | 1 099        |
| 3                                      | 0                                       | 0                       | 0                                | 0                  | 0          | 27           | 0                                 | 0            | 68              | 17           |
| 6 167                                  | 6 495                                   | 158                     | 1 957                            | 54                 | 4          | 22           | 5                                 | 1 080        | 1 341           | 1 792        |
| 8 579                                  | 2 759                                   | 2 999                   | 8 033                            | 51                 | 108        | 350          | 2 924                             | 18 409       | 23 030          | 17 726       |
| 3 253                                  | 564                                     | 680                     | 780                              | 1 193              | 500        | 321          | 60                                | 170 322      | 136             | 85           |
| 27 247                                 | 21 489                                  | 10 711                  | 11 059                           | 726                | 439        | 284          | 6 804                             | 142 370      | 2 250           | 672          |
| 10 059                                 | 11 777                                  | 1 589                   | 7 004                            | 18                 | 8          | 6            | 4 756                             | 3 696        | 79              | 66           |
| 9 650                                  | 6 149                                   | 3 721                   | 9 607                            | 446                | 208        | 229          | 622                               | 98 353       | 1 579           | 912          |
| 3 256                                  | 1 294                                   | 178                     | 4 180                            | 34                 | 4          | 1            | 7 794                             | 1 379        | 859             | 468          |
| 1 380                                  | 2 451                                   | 18                      | 1 044                            | 281                | 87         | 39           | 2 128                             | 6 468        | 466             | 291          |
| 8 551                                  | 4 031                                   | 154                     | 3 829                            | 1 490              | 248        | 175          | 384                               | 74 758       | 1 970           | 1 189        |
| 6 152                                  | 8 835                                   | 784                     | 21 137                           | 1 277              | 239        | 352          | 3 788                             | 46 951       | 6 844           | 623          |
| 126 129                                | 535                                     | 29                      | 87                               | 2                  | 1          | 19           | 4                                 | 3            | 2 930           | 8 675        |
| 3 879                                  | 78 752                                  | 69                      | 3 407                            | 0                  | 0          | 0            | 13                                | 2            | 4 269           | 2 401        |
| 177                                    | 360                                     | 4 135                   | 80                               | 1                  | 1          | 0            | 0                                 | 2 102        | 79              | 91           |
| 1 135                                  | 2 529                                   | 197                     | 18 965                           | 8 438              | 105        | 1 590        | 3 814                             | 2 099        | 5 005           | 1 192        |
| 3 205                                  | 2 343                                   | 548                     | 3 211                            | 61 416             | 88         | 2 092        | 2 256                             | 2 831        | 20 672          | 38 291       |
| 235                                    | 124                                     | 30                      | 132                              | 26                 | 2          | 2            | 144                               | 135          | 1 668           | 689          |
| 57                                     | 77                                      | 16                      | 459                              | 196                | 4          | 9 727        | 21                                | 108          | 1 810           | 642          |
| 23                                     | 1                                       | 1                       | 168                              | 65                 | 1          | 5            | 26 175                            | 0            | 21              | 29           |
| 230                                    | 566                                     | 161                     | 1 060                            | 689                | 571        | 598          | 2 046                             | 1 237        | 13 153          | 11 759       |
| 1 600                                  | 1 829                                   | 436                     | 1 145                            | 29                 | 143        | 3            | 311                               | 887          | 43 307          | 15 352       |
| 1 853                                  | 1 058                                   | 592                     | 2 245                            | 532                | 49         | 298          | 280                               | 7 291        | 50 863          | 11 106       |
| 449                                    | 570                                     | 553                     | 874                              | 56                 | 14         | 76           | 2 192                             | 2 090        | 34 619          | 4 223        |
| 112                                    | 121                                     | 21                      | 517                              | 47                 | 4          | 25           | 22                                | 372          | 5 320           | 1 656        |
| 361                                    | 445                                     | 181                     | 869                              | 121                | 56         | 80           | 222                               | 3 671        | 21 340          | 12 192       |
| 1 231                                  | 232                                     | 75                      | 187                              | 124                | 9          | 89           | 53                                | 432          | 12 457          | 6 712        |
| 3 964                                  | 2 774                                   | 629                     | 2 862                            | 4 200              | 444        | 587          | 2 618                             | 9 032        | 41 069          | 22 841       |
| 416                                    | 158                                     | 160                     | 544                              | 73                 | 12         | 15           | 450                               | 1 405        | 43 201          | 104 404      |
| 10 579                                 | 9 360                                   | 1 461                   | 5 967                            | 4 780              | 631        | 793          | 1 873                             | 46 540       | 79 919          | 30 660       |
| 2 632                                  | 2 159                                   | 558                     | 1 738                            | 1 021              | 109        | 538          | 2 192                             | 8 613        | 38 554          | 18 758       |
| 1 097                                  | 408                                     | 158                     | 735                              | 1 600              | 66         | 486          | 1 203                             | 2 510        | 7 008           | 6 847        |
| 121                                    | 203                                     | 88                      | 140                              | 68                 | 6          | 164          | 262                               | 895          | 586             | 71           |
| 343                                    | 219                                     | 16                      | 130                              | 22                 | 13         | 12           | 25                                | 3 788        | 14 107          | 5 303        |
| 62                                     | 59                                      | 5                       | 317                              | 3                  | 9          | 3            | 32                                | 230          | 793             | 454          |
| 1 077                                  | 414                                     | 229                     | 1 305                            | 344                | 82         | 347          | 1 074                             | 5 292        | 11 172          | 6 433        |
| 258 685                                | 181 325                                 | 43 285                  | 146 584                          | 339 497            | 39 849     | 20 970       | 83 357                            | 793 946      | 570 448         | 378 673      |
| 43 275                                 | 42 100                                  | 9 847                   | 51 173                           | 34 856             | 4 281      | 9 685        | 13 101                            | 256 098      | 546 238         | 340 805      |
| 7 891                                  | 18 024                                  | 1 591                   | 13 104                           | 4 491              | 3 847      | 856          | 44 214                            | 51 966       | 718 033         | 547 460      |
| 15 755                                 | 5 329                                   | 1 467                   | 10 117                           | 118 851            | 1 584      | 9 862        | 4 001                             | 20 577       | 70 628          | 48 805       |
| 14 393                                 | 2 133                                   | 132                     | 799                              | 1 671              | 64         | - 261        | 786                               | 4 083        | 31 254          | 16 122       |
| 81 314                                 | 67 586                                  | 13 037                  | 75 193                           | 159 869            | 9 776      | 20 142       | 62 102                            | 332 724      | 1 366 153       | 953 192      |
| 339 999                                | 248 911                                 | 56 322                  | 221 777                          | 499 366            | 49 625     | 41 112       | 145 459                           | 1 126 670    | 1 936 601       | 1 331 865    |

Table 106. Transactions table at purchasers'

| Kind of industries  |   | HA                  | HB                   | HC                 | HD   | HE                          | IA                     | IB                         |
|---------------------|---|---------------------|----------------------|--------------------|--|-----------------------------|------------------------|----------------------------|
|                     |   | Land transportation | Water transportation | Air transportation | Supporting services to transportation; warehousing and storage | Postal and courier services | Accommodation services | Food and beverage services |
| Kind of commodities |   |                     |                      |                    |  |                             |                        |                            |
| 01                  | Agricultural products   | 2                   | 0                    | 0                  | 0  | 0                           | 1 164                  | 16 225                     |
| 02                  | Livestock   | 0                   | 0                    | 0                  | 0  | 0                           | 157                    | 2 363                      |
| 03                  | Forest products   | 2                   | 0                    | 0                  | 0  | 0                           | 0                      | 0                          |
| 04                  | Fishery products  | 0                   | 0                    | 0                  | 0  | 0                           | 54                     | 652                        |
| 05                  | Minerals  | 173                 | 37                   | 0                  | 0  | 0                           | 2                      | 0                          |
| 06                  | Process foods   | 0                   | 0                    | 0                  | 0  | 0                           | 6 302                  | 88 986                     |
| 07                  | Beverages   | 0                   | 0                    | 0                  | 0  | 0                           | 122                    | 1 826                      |
| 08                  | Tobacco   | 0                   | 0                    | 0                  | 0  | 0                           | 0                      | 0                          |
| 09                  | Textile mill products   | 24                  | 75                   | 1                  | 162  | 71                          | 1 733                  | 835                        |
| 10                  | Wearing apparel and clothing accessories  | 60                  | 0                    | 0                  | 0  | 56                          | 90                     | 1 113                      |
| 11                  | Leather, fur and related products   | 0                   | 0                    | 0                  | 0  | 0                           | 2                      | 0                          |
| 12                  | Wood and related products   | 71                  | 1                    | 1                  | 56   | 22                          | 27                     | 362                        |
| 13                  | Pulp, paper and paper products  | 206                 | 33                   | 150                | 133  | 57                          | 2 361                  | 6 537                      |
| 14                  | Printing and reproduction of recorded media                                       | 200                 | 6                    | 358                | 271  | 384                         | 27                     | 206                        |
| 15                  | Petroleum and coal products   | 79 002              | 33 508               | 69 159             | 10 401   | 1 424                       | 1 559                  | 2 292                      |
| 16                  | Chemical materials  | 6                   | 0                    | 0                  | 0  | 0                           | 1                      | 8                          |
| 17                  | Chemical products   | 91                  | 104                  | 52                 | 383  | 130                         | 2 156                  | 2 628                      |
| 18                  | Medicines   | 0                   | 0                    | 0                  | 0  | 2                           | 35                     | 2                          |
| 19                  | Rubber products   | 4 752               | 14                   | 51                 | 255  | 31                          | 5                      | 0                          |
| 20                  | Plastic products  | 78                  | 3                    | 10                 | 10   | 2                           | 1 442                  | 7 300                      |
| 21                  | Non-metallic mineral products   | 357                 | 0                    | 0                  | 0  | 0                           | 371                    | 1 141                      |
| 22                  | Iron and steel products   | 884                 | 157                  | 31                 | 482  | 19                          | 0                      | 0                          |
| 23                  | Miscellaneous metals  | 5                   | 0                    | 0                  | 0  | 0                           | 1                      | 0                          |
| 24                  | Fabricated metal products   | 631                 | 33                   | 33                 | 115  | 18                          | 449                    | 2 065                      |
| 25                  | Electronic parts and components   | 118                 | 56                   | 9                  | 80   | 22                          | 39                     | 0                          |
| 26                  | Computers, electronic and optical products  | 251                 | 134                  | 26                 | 119  | 3                           | 122                    | 0                          |
| 27                  | Electrical equipment  | 571                 | 45                   | 96                 | 268  | 38                          | 92                     | 82                         |
| 28                  | Mechanical equipment  | 570                 | 48                   | 1 101              | 366  | 121                         | 118                    | 103                        |
| 29                  | Motor vehicles and parts  | 4 523               | 71                   | 141                | 368  | 27                          | 79                     | 6                          |
| 30                  | Other transport equipment   | 136                 | 1 224                | 435                | 491  | 4                           | 7                      | 6                          |
| 31                  | Furniture   | 14                  | 0                    | 0                  | 0  | 0                           | 0                      | 0                          |
| 32                  | Other manufactures & repair and maintenance of industrial machinery and equipment | 8 801               | 1 922                | 15 684             | 4 679  | 1 108                       | 820                    | 845                        |
| 33                  | Electricity supply  | 3 771               | 115                  | 995                | 2 423  | 435                         | 2 957                  | 5 318                      |
| 34                  | Gas supply  | 137                 | 44                   | 38                 | 57   | 10                          | 1 594                  | 11 146                     |
| 35                  | Water supply  | 98                  | 21                   | 29                 | 83   | 15                          | 565                    | 411                        |
| 36                  | Remediation services  | 84                  | 1                    | 2                  | 148  | 42                          | 0                      | 0                          |
| 37                  | Construction  | 11 100              | 1 560                | 235                | 2 226  | 137                         | 713                    | 1 102                      |
| 38                  | Wholesale and retail trade  | 2 650               | 5 511                | 13 865             | 4 696  | 1 268                       | 631                    | 422                        |
| 39                  | Transportation and storage  | 3 889               | 98 938               | 25 778             | 8 902  | 17 448                      | 668                    | 769                        |
| 40                  | Accommodation and food services   | 701                 | 527                  | 6 380              | 1 793  | 77                          | 250                    | 183                        |
| 41                  | Mass communication services   | 504                 | 305                  | 309                | 407  | 61                          | 442                    | 424                        |
| 42                  | Telecommunication services  | 1 247               | 180                  | 577                | 1 165  | 333                         | 1 266                  | 1 583                      |
| 43                  | Data processing & information services  | 162                 | 183                  | 244                | 468  | 53                          | 812                    | 1 265                      |
| 44                  | Finance and insurance services  | 4 432               | 2 917                | 3 019              | 2 673  | 849                         | 2 339                  | 3 345                      |
| 45                  | Real estate services  | 1 094               | 1 011                | 841                | 1 665  | 483                         | 1 956                  | 9 050                      |
| 46                  | Professional, scientific and technical services                                   | 3 476               | 620                  | 2 098              | 3 793  | 778                         | 2 167                  | 5 521                      |
| 47                  | Support services  | 7 097               | 15 345               | 14 009             | 9 725  | 2 394                       | 1 491                  | 2 982                      |
| 48                  | Public administration services  | 3 869               | 253                  | 159                | 1 419  | 100                         | 95                     | 1 081                      |
| 49                  | Education services  | 65                  | 4                    | 143                | 136  | 52                          | 3                      | 0                          |
| 50                  | Human health and social work services   | 53                  | 5                    | 294                | 141  | 37                          | 314                    | 256                        |
| 51                  | Arts, entertainment and recreation services                                       | 67                  | 20                   | 11                 | 119  | 3                           | 24                     | 58                         |
| 52                  | Other services  | 11 394              | 134                  | 485                | 576  | 157                         | 1 437                  | 1 008                      |
| 01-52               | Intermediate inputs   | 157 418             | 165 165              | 156 849            | 61 254   | 28 271                      | 39 061                 | 181 507                    |
| 53                  | Compensation of employees   | 79 343              | 7 941                | 23 507             | 58 470   | 25 512                      | 28 739                 | 129 550                    |
| 54                  | Operating surplus   | 45 063              | - 3 773              | - 5 856            | 46 925   | 2 966                       | 10 175                 | 55 135                     |
| 55                  | Consumption of fixed capital  | 38 844              | 9 028                | 28 088             | 15 239   | 2 088                       | 5 495                  | 21 985                     |
| 56                  | Net indirect taxes  | 3 054               | 262                  | 257                | 1 841  | 58                          | 1 103                  | 2 711                      |
| 53-56               | Primary inputs  | 166 304             | 13 458               | 45 996             | 122 475  | 30 624                      | 45 512                 | 209 381                    |
| 01-56               | Total inputs  | 323 722             | 178 623              | 202 845            | 183 729  | 58 895                      | 84 573                 | 390 888                    |

Notes : <sup>3</sup>Including publishing and audiovisual services.

## prices (C x I), 2009 (continued)

Million NT\$

| JA                        | JB                      | JC           | KA                          | KB                    | KC  | LA  | LB                    | M  | NA                    | NB                        |
|---------------------------|-------------------------|--------------|-----------------------------|-----------------------|---|---|-----------------------|--|-----------------------|---------------------------|
| Broadcasting <sup>3</sup> | Telecommunica-<br>tions | IT and other | Financial<br>intermediation | Insurance<br>carriers | Securities,<br>futures and<br>other financing | Real estate,<br>except<br>dwellings<br>services | Dwellings<br>services | Professional,<br>scientific and<br>technical<br>services | Rental and<br>leasing | Other support<br>services |
| 34                        | 0                       | 0            | 0                           | 0                     | 0   | 65  | 0                     | 63   | 0                     | 0                         |
| 4                         | 0                       | 0            | 0                           | 0                     | 0   | 9   | 0                     | 0  | 0                     | 0                         |
| 0                         | 1                       | 0            | 0                           | 0                     | 0   | 0   | 0                     | 0  | 0                     | 0                         |
| 1                         | 0                       | 0            | 0                           | 0                     | 0   | 1   | 0                     | 0  | 0                     | 0                         |
| 0                         | 3                       | 0            | 0                           | 0                     | 0   | 0   | 0                     | 0  | 0                     | 0                         |
| 199                       | 0                       | 0            | 0                           | 0                     | 0   | 367   | 0                     | 85   | 0                     | 0                         |
| 4                         | 0                       | 0            | 0                           | 0                     | 0   | 7   | 0                     | 4  | 0                     | 0                         |
| 0                         | 0                       | 0            | 0                           | 0                     | 0   | 0   | 0                     | 0  | 0                     | 0                         |
| 200                       | 2                       | 7            | 1                           | 0                     | 0   | 34  | 0                     | 1 693  | 0                     | 2                         |
| 207                       | 1                       | 1            | 0                           | 0                     | 0   | 12  | 0                     | 726  | 0                     | 0                         |
| 97                        | 0                       | 2            | 0                           | 0                     | 0   | 0   | 0                     | 8  | 0                     | 0                         |
| 563                       | 7                       | 27           | 0                           | 0                     | 0   | 5   | 0                     | 908  | 0                     | 194                       |
| 16 680                    | 67                      | 2 338        | 1 670                       | 115                   | 973   | 222   | 0                     | 4 579  | 66                    | 4 661                     |
| 17 406                    | 932                     | 738          | 7 691                       | 1 635                 | 1 937   | 305   | 0                     | 15 484   | 21                    | 3 650                     |
| 1 186                     | 432                     | 518          | 614                         | 523                   | 325   | 1 933   | 0                     | 3 453  | 3 330                 | 2 677                     |
| 0                         | 0                       | 0            | 0                           | 0                     | 0   | 1   | 0                     | 1 964  | 0                     | 669                       |
| 4 427                     | 13                      | 134          | 166                         | 271                   | 108   | 148   | 0                     | 8 948  | 0                     | 10 220                    |
| 0                         | 2                       | 0            | 0                           | 0                     | 0   | 9   | 0                     | 1 292  | 0                     | 0                         |
| 11                        | 0                       | 5            | 1                           | 0                     | 0   | 1   | 0                     | 20   | 60                    | 210                       |
| 1 471                     | 21                      | 121          | 19                          | 0                     | 0   | 80  | 0                     | 2 232  | 38                    | 438                       |
| 49                        | 9                       | 0            | 0                           | 0                     | 0   | 7   | 0                     | 133  | 0                     | 0                         |
| 84                        | 8                       | 20           | 0                           | 0                     | 0   | 71  | 0                     | 175  | 2                     | 0                         |
| 158                       | 0                       | 7            | 0                           | 0                     | 0   | 71  | 0                     | 254  | 0                     | 0                         |
| 605                       | 23                      | 281          | 0                           | 0                     | 0   | 90  | 0                     | 1 261  | 9                     | 506                       |
| 1 553                     | 30                      | 10 092       | 7                           | 3                     | 2   | 98  | 0                     | 4 101  | 602                   | 3                         |
| 10 198                    | 5 295                   | 11 848       | 251                         | 20                    | 133   | 193   | 0                     | 13 695   | 2 047                 | 1 890                     |
| 1 064                     | 4 465                   | 2 266        | 36                          | 5                     | 75  | 736   | 0                     | 3 228  | 510                   | 1 855                     |
| 369                       | 6                       | 180          | 689                         | 120                   | 383   | 13  | 0                     | 540  | 632                   | 2                         |
| 15                        | 3                       | 95           | 15                          | 4                     | 5   | 13  | 0                     | 69   | 1 399                 | 9                         |
| 1                         | 0                       | 11           | 0                           | 0                     | 0   | 0   | 0                     | 19   | 29                    | 14                        |
| 0                         | 0                       | 0            | 0                           | 0                     | 0   | 0   | 0                     | 6  | 0                     | 0                         |
| 1 378                     | 305                     | 841          | 925                         | 515                   | 468   | 284   | 0                     | 2 581  | 1 349                 | 667                       |
| 1 488                     | 4 783                   | 1 473        | 2 950                       | 821                   | 1 064   | 3 038   | 0                     | 4 248  | 280                   | 964                       |
| 145                       | 172                     | 113          | 137                         | 114                   | 70  | 761   | 0                     | 863  | 139                   | 101                       |
| 82                        | 91                      | 114          | 152                         | 64                    | 59  | 172   | 0                     | 417  | 4                     | 90                        |
| 54                        | 0                       | 1            | 0                           | 0                     | 0   | 231   | 0                     | 105  | 0                     | 0                         |
| 3 104                     | 8 415                   | 800          | 1 521                       | 389                   | 1 192   | 19 045  | 60 198                | 1 432  | 292                   | 650                       |
| 3 642                     | 20 712                  | 2 892        | 38                          | 7                     | 40  | 119   | 0                     | 8 046  | 613                   | 2 267                     |
| 2 045                     | 3 761                   | 3 274        | 6 909                       | 1 623                 | 1 929   | 1 339   | 0                     | 5 323  | 557                   | 1 444                     |
| 2 303                     | 498                     | 2 497        | 7 610                       | 778                   | 255   | 2 259   | 0                     | 5 291  | 29                    | 716                       |
| 58 170                    | 729                     | 6 235        | 1 637                       | 797                   | 323   | 767   | 0                     | 26 839   | 3 664                 | 1 899                     |
| 2 281                     | 59 962                  | 12 717       | 4 151                       | 1 568                 | 2 775   | 1 974   | 0                     | 6 759  | 261                   | 2 831                     |
| 1 362                     | 281                     | 1 963        | 3 821                       | 4 070                 | 266   | 5 318   | 0                     | 1 975  | 195                   | 1 643                     |
| 1 762                     | 4 159                   | 2 255        | 70 440                      | 75 340                | 38 286  | 23 537  | 81 716                | 3 727  | 564                   | 2 663                     |
| 1 695                     | 2 343                   | 2 830        | 13 024                      | 3 005                 | 7 613   | 7 263   | 0                     | 10 486   | 851                   | 2 365                     |
| 11 616                    | 17 798                  | 10 947       | 21 245                      | 6 441                 | 8 722   | 42 611  | 0                     | 22 823   | 1 847                 | 3 353                     |
| 2 250                     | 7 977                   | 3 403        | 9 461                       | 2 427                 | 2 766   | 3 363   | 0                     | 11 826   | 1 671                 | 2 830                     |
| 1 133                     | 848                     | 571          | 3 524                       | 6 797                 | 3 977   | 6 426   | 0                     | 2 153  | 386                   | 990                       |
| 135                       | 872                     | 40           | 301                         | 117                   | 71  | 52  | 0                     | 4 944  | 38                    | 84                        |
| 383                       | 5                       | 40           | 3 802                       | 252                   | 511   | 12  | 0                     | 305  | 2                     | 55                        |
| 6 339                     | 26                      | 169          | 229                         | 88                    | 111   | 881   | 0                     | 5 588  | 15                    | 361                       |
| 797                       | 6 244                   | 672          | 4 978                       | 1 518                 | 1 225   | 1 031   | 0                     | 1 728  | 188                   | 702                       |
| 158 750                   | 151 301                 | 82 538       | 168 015                     | 109 427               | 75 664  | 124 974   | 141 914               | 192 399  | 21 690                | 53 675                    |
| 49 752                    | 61 793                  | 64 751       | 196 024                     | 105 918               | 52 262  | 43 670  | 0                     | 166 739  | 10 788                | 134 186                   |
| 47 836                    | 83 969                  | 55 374       | 214 785                     | 69 337                | 43 084  | 103 257   | 813 056               | 96 727   | 11 046                | 4 515                     |
| 6 107                     | 68 044                  | 12 078       | 53 173                      | 22 319                | 11 350  | 10 642  | 125 630               | 17 610   | 14 736                | 5 727                     |
| 1 397                     | 6 975                   | 958          | 16 868                      | 6 597                 | 4 027   | 3 228   | 39 623                | 3 325  | 1 095                 | 1 024                     |
| 105 092                   | 220 781                 | 133 161      | 480 850                     | 204 171               | 110 723                                       | 160 797   | 978 309               | 284 401  | 37 665                | 145 452                   |
| 263 842                   | 372 082                 | 215 699      | 648 865                     | 313 598               | 186 387                                       | 285 771   | 1 120 223             | 476 800  | 59 355                | 199 127                   |

Table 106. Transactions table at purchasers'

| Kind of industries  |   | O                                 | P         | QA                    | QB                                | R                                  | SA   | SB                |
|---------------------|---|-----------------------------------|-----------|-----------------------|-----------------------------------|------------------------------------|--|-------------------|
| Kind of commodities |   | Public administration and defence | Education | Human health services | Social work services <sup>4</sup> | Arts, entertainment and recreation | Non-profit institutions serving households | Domestic services |
| 01                  | Agricultural products   | 2 620                             | 230       | 0                     | 0                                 | 413                                | 0  | 0                 |
| 02                  | Livestock   | 50                                | 109       | 0                     | 0                                 | 64                                 | 0  | 0                 |
| 03                  | Forest products   | 2                                 | 0         | 0                     | 0                                 | 0                                  | 0  | 0                 |
| 04                  | Fishery products  | 176                               | 0         | 0                     | 0                                 | 17                                 | 0  | 0                 |
| 05                  | Minerals  | 84                                | 0         | 0                     | 0                                 | 0                                  | 0  | 0                 |
| 06                  | Process foods   | 3 952                             | 675       | 0                     | 0                                 | 2 803                              | 0  | 0                 |
| 07                  | Beverages   | 1 110                             | 128       | 0                     | 0                                 | 47                                 | 0  | 0                 |
| 08                  | Tobacco   | 7                                 | 4         | 0                     | 0                                 | 0                                  | 0  | 0                 |
| 09                  | Textile mill products   | 354                               | 221       | 205                   | 81                                | 122                                | 0  | 0                 |
| 10                  | Wearing apparel and clothing accessories  | 2 792                             | 229       | 16                    | 19                                | 75                                 | 0  | 0                 |
| 11                  | Leather, fur and related products   | 453                               | 36        | 0                     | 0                                 | 0                                  | 0  | 0                 |
| 12                  | Wood and related products   | 319                               | 549       | 9                     | 0                                 | 78                                 | 0  | 0                 |
| 13                  | Pulp, paper and paper products  | 2 676                             | 1 741     | 1 308                 | 223                               | 1 022                              | 387  | 0                 |
| 14                  | Printing and reproduction of recorded media                                       | 10 029                            | 4 241     | 830                   | 1 009                             | 958                                | 2 966                                      | 0                 |
| 15                  | Petroleum and coal products   | 12 257                            | 2 697     | 3 339                 | 395                               | 924                                | 511  | 0                 |
| 16                  | Chemical materials  | 1 631                             | 3 148     | 5 364                 | 0                                 | 0                                  | 0  | 0                 |
| 17                  | Chemical products   | 7 933                             | 1 101     | 1 433                 | 1 455                             | 823                                | 3 262                                      | 0                 |
| 18                  | Medicines   | 1 699                             | 715       | 82 575                | 165                               | 71                                 | 0  | 0                 |
| 19                  | Rubber products   | 577                               | 147       | 8                     | 0                                 | 0                                  | 0  | 0                 |
| 20                  | Plastic products  | 3 405                             | 1 591     | 1 180                 | 41                                | 988                                | 0  | 0                 |
| 21                  | Non-metallic mineral products   | 1 976                             | 2 462     | 927                   | 0                                 | 31                                 | 0  | 0                 |
| 22                  | Iron and steel products   | 1 474                             | 26        | 0                     | 0                                 | 1                                  | 0  | 0                 |
| 23                  | Miscellaneous metals  | 4                                 | 0         | 0                     | 0                                 | 1                                  | 0  | 0                 |
| 24                  | Fabricated metal products   | 28 845                            | 1 983     | 1 974                 | 173                               | 243                                | 244  | 0                 |
| 25                  | Electronic parts and components   | 1 486                             | 3 954     | 1 649                 | 0                                 | 49                                 | 0  | 0                 |
| 26                  | Computers, electronic and optical products  | 3 900                             | 16 242    | 13 922                | 6                                 | 3 513                              | 23   | 0                 |
| 27                  | Electrical equipment  | 6 119                             | 10 125    | 1 636                 | 77                                | 248                                | 11   | 0                 |
| 28                  | Mechanical equipment  | 2 872                             | 1 723     | 2 697                 | 172                               | 274                                | 374  | 0                 |
| 29                  | Motor vehicles and parts  | 8 861                             | 340       | 421                   | 7                                 | 21                                 | 9  | 0                 |
| 30                  | Other transport equipment   | 51                                | 0         | 2 442                 | 4                                 | 5                                  | 1  | 0                 |
| 31                  | Furniture   | 789                               | 1 378     | 0                     | 0                                 | 0                                  | 1 242                                      | 0                 |
| 32                  | Other manufactures & repair and maintenance of industrial machinery and equipment | 8 255                             | 7 184     | 31 476                | 312                               | 5 153                              | 695  | 0                 |
| 33                  | Electricity supply  | 9 846                             | 18 312    | 11 111                | 2 012                             | 5 498                              | 3 819                                      | 0                 |
| 34                  | Gas supply  | 217                               | 480       | 698                   | 105                               | 609                                | 183  | 0                 |
| 35                  | Water supply  | 625                               | 506       | 265                   | 33                                | 217                                | 141  | 0                 |
| 36                  | Remediation services  | 39 667                            | 3 071     | 2 341                 | 181                               | 0                                  | 0  | 0                 |
| 37                  | Construction  | 8 073                             | 6 358     | 2 120                 | 1 602                             | 1 183                              | 1 221                                      | 0                 |
| 38                  | Wholesale and retail trade  | 6                                 | 6         | 1 158                 | 151                               | 2 147                              | 0  | 0                 |
| 39                  | Transportation and storage  | 13 894                            | 4 426     | 5 145                 | 815                               | 763                                | 1 902                                      | 0                 |
| 40                  | Accommodation and food services   | 19 105                            | 5 129     | 733                   | 2 128                             | 1 578                              | 10 637                                     | 0                 |
| 41                  | Mass communication services   | 7 335                             | 11 228    | 732                   | 455                               | 7 979                              | 4 309                                      | 0                 |
| 42                  | Telecommunication services  | 30 023                            | 3 575     | 4 916                 | 2 328                             | 1 778                              | 2 649                                      | 0                 |
| 43                  | Data processing & information services  | 9 426                             | 839       | 1 239                 | 50                                | 840                                | 130  | 0                 |
| 44                  | Finance and insurance services  | 32 743                            | 3 734     | 5 383                 | 524                               | 2 910                              | 1 215                                      | 0                 |
| 45                  | Real estate services  | 1 946                             | 147       | 8 707                 | 1 614                             | 9 557                              | 2 044                                      | 0                 |
| 46                  | Professional, scientific and technical services                                   | 21 582                            | 5 720     | 8 287                 | 2 798                             | 3 669                              | 4 041                                      | 0                 |
| 47                  | Support services  | 20 497                            | 11 495    | 4 518                 | 1 919                             | 3 211                              | 441  | 0                 |
| 48                  | Public administration services  | 5                                 | 955       | 1 378                 | 240                               | 1 498                              | 1  | 0                 |
| 49                  | Education services  | 18 073                            | 839       | 357                   | 0                                 | 28                                 | 47   | 0                 |
| 50                  | Human health and social work services   | 2 833                             | 1 579     | 601                   | 1 661                             | 12                                 | 2 507                                      | 0                 |
| 51                  | Arts, entertainment and recreation services                                       | 1 417                             | 395       | 50                    | 0                                 | 2 010                              | 5 741                                      | 0                 |
| 52                  | Other services  | 5 586                             | 1 625     | 2 974                 | 1 060                             | 1 319                              | 1 851                                      | 0                 |
| 01-52               | Intermediate inputs   | 359 657                           | 143 398   | 216 124               | 23 815                            | 64 750                             | 52 604                                     | 0                 |
| 53                  | Compensation of employees   | 638 486                           | 541 708   | 246 536               | 34 418                            | 84 921                             | 58 602                                     | 100 868           |
| 54                  | Operating surplus   | 0                                 | 40 777    | 97 474                | 0                                 | 16 711                             | 0  | 0                 |
| 55                  | Consumption of fixed capital  | 309 911                           | 44 498    | 29 316                | 948                               | 12 036                             | 1 823                                      | 0                 |
| 56                  | Net indirect taxes  | 1 867                             | - 7 647   | - 12 638              | - 659                             | 3 889                              | 764  | 0                 |
| 53-56               | Primary inputs  | 950 264                           | 619 336   | 360 688               | 34 707                            | 117 557                            | 61 189                                     | 100 868           |
| 01-56               | Total inputs  | 1 309 921                         | 762 734   | 576 812               | 58 522                            | 182 307                            | 113 793                                    | 100 868           |

Notes : <sup>4</sup>Including residential care services.



Table 106. Transactions table at purchasers' prices( C × I ), 2009 (continued)

Million NT\$

| Kind of industries  |   | 59                            | 60                | 61           | 62                    | 63              | 64  |
|---------------------|---|-------------------------------|-------------------|--------------|-----------------------|-----------------|---|
| Kind of commodities |   | Imports of goods and services | Net import duties | Trade margin | Transportation margin | Value-added tax | Statistical discrepancy ( Production approach ) |
| 01                  | Agricultural products   | 113 825                       | 3 506             | 182 051      | 6 910                 | 4 068           | 1 794   |
| 02                  | Livestock   | 2 467                         | 119               | 44 661       | 1 324                 | 0               | 2 700   |
| 03                  | Forest products   | 10 526                        | 10                | 2 650        | 564                   | 5               | 282   |
| 04                  | Fishery products  | 10 776                        | 914               | 69 719       | 756                   | 95              | 1 843   |
| 05                  | Minerals  | 1 041 637                     | 649               | 19 423       | 17 431                | 783             | 1 012   |
| 06                  | Process foods   | 148 535                       | 12 845            | 419 074      | 11 596                | 14 866          | - 5 179   |
| 07                  | Beverages   | 20 624                        | 7 086             | 68 334       | 2 428                 | 4 657           | 521   |
| 08                  | Tobacco   | 18 352                        | 29 194            | 31 836       | 393                   | 3 031           | - 1 162   |
| 09                  | Textile mill products   | 28 366                        | 1 447             | 83 595       | 4 476                 | 1 115           | 1 197   |
| 10                  | Wearing apparel and clothing accessories  | 41 470                        | 2 777             | 63 034       | 1 138                 | 3 324           | 2 004   |
| 11                  | Leather, fur and related products   | 29 083                        | 1 577             | 29 851       | 1 901                 | 1 510           | 1 294   |
| 12                  | Wood and related products   | 24 465                        | 477               | 15 207       | 2 601                 | 119             | 3 117   |
| 13                  | Pulp, paper and paper products  | 60 507                        | 128               | 74 296       | 3 886                 | 1 297           | 4 464   |
| 14                  | Printing and reproduction of recorded media                                       | 3 912                         | 55                | 0            | 631                   | 1 695           | 2 607   |
| 15                  | Petroleum and coal products   | 294 818                       | 881               | 103 263      | 8 721                 | 5 247           | 13 372  |
| 16                  | Chemical materials  | 565 713                       | 5 188             | 100 510      | 12 957                | 1 240           | - 17 053  |
| 17                  | Chemical products   | 180 482                       | 3 205             | 134 739      | 4 444                 | 3 239           | 2 785   |
| 18                  | Medicines   | 73 465                        | 361               | 113 997      | 1 024                 | 7 961           | - 1 135   |
| 19                  | Rubber products   | 14 935                        | 1 636             | 25 583       | 941                   | 577             | 1 441   |
| 20                  | Plastic products  | 107 582                       | 2 331             | 78 894       | 3 474                 | 1 547           | 6 430   |
| 21                  | Non-metallic mineral products   | 45 030                        | 2 051             | 42 878       | 13 451                | 531             | 4 856   |
| 22                  | Iron and steel products   | 233 844                       | 364               | 146 114      | 14 968                | 1 639           | 23 688  |
| 23                  | Miscellaneous metals  | 292 985                       | 617               | 54 005       | 4 128                 | - 575           | 9 099   |
| 24                  | Fabricated metal products   | 73 371                        | 1 699             | 83 476       | 4 776                 | 3 083           | 10 001  |
| 25                  | Electronic parts and components   | 1 246 988                     | 819               | 168 453      | 24 318                | 344             | - 102 450                                       |
| 26                  | Computers, electronic and optical products  | 377 672                       | 3 473             | 265 980      | 8 945                 | 14 280          | 17 887  |
| 27                  | Electrical equipment  | 119 854                       | 4 843             | 110 093      | 4 180                 | 3 653           | 8 229   |
| 28                  | Mechanical equipment  | 504 651                       | 5 077             | 161 290      | 10 239                | 13 353          | 62 670  |
| 29                  | Motor vehicles and parts  | 94 266                        | 23 704            | 168 995      | 1 653                 | 8 788           | 10 747  |
| 30                  | Other transport equipment   | 63 207                        | 816               | 49 282       | 2 566                 | 2 332           | 2 940   |
| 31                  | Furniture   | 14 947                        | 265               | 38 728       | 1 565                 | 1 722           | 1 981   |
| 32                  | Other manufactures & repair and maintenance of industrial machinery and equipment | 61 687                        | 961               | 108 636      | 3 544                 | 6 066           | - 1 390   |
| 33                  | Electricity supply  | 2 841                         | 0                 | 0            | 0                     | 5 373           | - 5 580   |
| 34                  | Gas supply  | 1 124                         | 0                 | 15 207       | 564                   | 988             | - 4   |
| 35                  | Water supply  | 683                           | 0                 | 0            | 499                   | 389             | - 531   |
| 36                  | Remediation services  | 343                           | 2                 | 6 078        | 1 077                 | 2 242           | - 3 068   |
| 37                  | Construction  | 1 690                         | 0                 | 0            | 0                     | 22 846          | 22 365  |
| 38                  | Wholesale and retail trade  | 79 526                        | 0                 | - 3 137 650  | 0                     | 1 088           | 182   |
| 39                  | Transportation and storage  | 150 419                       | 0                 | 0            | - 184 923             | 9 320           | - 40 211  |
| 40                  | Accommodation and food services   | 161 645                       | 0                 | 0            | 0                     | 14 667          | 3 112   |
| 41                  | Mass communication services   | 47 216                        | 1                 | 57 718       | 854                   | 2 200           | 90  |
| 42                  | Telecommunication services  | 18 259                        | 0                 | 0            | 0                     | 7 061           | 792   |
| 43                  | Data processing & information services  | 15 446                        | 0                 | 0            | 0                     | 4 948           | - 5 403   |
| 44                  | Finance and insurance services  | 46 392                        | 0                 | 0            | 0                     | 0               | 16 235  |
| 45                  | Real estate services  | 15 091                        | 0                 | 0            | 0                     | 4 196           | 6 480   |
| 46                  | Professional, scientific and technical services                                   | 78 315                        | 0                 | 0            | 0                     | 4 465           | 2 021   |
| 47                  | Support services  | 135 330                       | 0                 | 0            | 0                     | 4 593           | - 10 092  |
| 48                  | Public administration services  | 2 168                         | - 1 884           | 0            | 0                     | 0               | - 5 312   |
| 49                  | Education services  | 16 864                        | 0                 | 0            | 0                     | 0               | 139   |
| 50                  | Human health and social work services   | 2 537                         | 0                 | 0            | 0                     | 0               | 1 180   |
| 51                  | Arts, entertainment and recreation services                                       | 20 348                        | 0                 | 0            | 0                     | 4 029           | 1 689   |
| 52                  | Other services  | 3 873                         | 0                 | 0            | 0                     | 6 408           | 2 025   |
| 01-52               | Intermediate inputs   | 6 720 152                     | 117 194           | 0            | 0                     | 206 405         | 56 701  |
| 53                  | Compensation of employees   |                               |                   |              |                       |                 |   |
| 54                  | Operating surplus   |                               |                   |              |                       |                 |   |
| 55                  | Consumption of fixed capital  |                               |                   |              |                       |                 |   |
| 56                  | Net indirect taxes  |                               |                   |              |                       |                 |   |
| 53-56               | Primary inputs  |                               |                   |              |                       |                 |   |
| 01-56               | Total inputs  |                               |                   |              |                       |                 |   |

## BUSINESS ACTIVITIES

This chapter is concerned with statistical information on business activities, including data on profit-seeking enterprises, new corporations registration, business entities existing registration, small and medium enterprises. All of the information except for profit-seeking enterprises is obtained from the *Economic Statistics Annual*, published by the Department of Statistics, Ministry of Economic Affairs. As for the profit-seeking enterprises, the information is contained in the *Monthly Statistics of Finance*, published by the Department of Statistics, Ministry of Finance.

A profit-seeking enterprise means the business owned by the private sector, government or jointly owned by both and managed in the manner of sole proprietorship, partnership or company organization for profit. And the related data are based on the tax declaration forms filled by taxpayers.

A small and medium enterprise refers to an enterprise that has completed company registration or business registration in accordance with the requirements of the law, and which conforms to the following criteria:

1. In the manufacturing, construction, mining and quarrying industries, a paid-in capital of NT\$80 million (US\$2.42 million) or less.
2. In the agriculture, forestry and fisheries, water, electricity and gas, commercial, transportation, warehousing and communications, finance, insurance and real estate, industrial and commercial services or social and personal services industries, sales revenue of NT\$100 million (US\$3.03 million) or less in the last year.

Table 107. Number and sales

| End of year         | Total     | Agriculture, forestry, fishing & animal husbandry | Mining & quarrying | Manufacturing | Electricity, gas & water | Construction                        | Trade        | Accommodation & eating-drinking place |                          |
|---------------------|-----------|---|--------------------|---------------|--------------------------|-------------------------------------|--------------|---------------------------------------|--------------------------|
| <b>Numbers</b>      |           |   |                    |               |                          |                                     |              |                                       |                          |
| 2003                | 1 108 629 | 15 237  | 1 268              | 131 923       | 688                      | 70 544                              | 588 791      | 75 372                                |                          |
| 2004                | 1 141 167 | 15 285  | 1 277              | 132 475       | 663                      | 74 012                              | 605 914      | 81 831                                |                          |
| 2005                | 1 180 235 | 14 578  | 1 291              | 131 970       | 649                      | 80 281                              | 624 940      | 91 306                                |                          |
| 2006                | 1 189 878 | 12 616  | 1 317              | 130 685       | 643                      | 84 797                              | 624 882      | 95 443                                |                          |
| 2007                | 1 187 929 | 12 631  | 1 339              | 128 964       | 655                      | 86 466                              | 620 689      | 98 326                                |                          |
| <b>Sales amount</b> |           |   |                    |               |                          |                                     |              |                                       |                          |
| 2003                | 273 653   | 273   | 385                | 90 112        | 3 820                    | 13 887                              | 100 508      | 2348                                  |                          |
| 2004                | 320 029   | 335   | 449                | 110 563       | 4 522                    | 16 791                              | 117 268      | 2745                                  |                          |
| 2005                | 343 343   | 341   | 520                | 111 951       | 4 890                    | 17 682                              | 123 481      | 2987                                  |                          |
| 2006                | 346 047   | 328   | 537                | 120 452       | 5 679                    | 17 901                              | 120 557      | 3218                                  |                          |
| 2007                | 360 667   | 338   | 539                | 133 004       | 6 226                    | 18 437                              | 125 363      | 3238                                  |                          |
| End of year         | Total     | Agriculture, forestry, fishing & animal husbandry | Mining & quarrying | Manufacturing | Electricity, gas supply  | Water supply & remediation services | Construction | Wholesale & retail trade              | Transportation & storage |
| <b>Numbers</b>      |           |   |                    |               |                          |                                     |              |                                       |                          |
| 2008                | 1 178 882 | 12 098  | 1 322              | 129 956       | 370                      | 6 585                               | 84 563       | 616 187                               | 30 426                   |
| 2009                | 1 186 308 | 12 191  | 1 281              | 128 458       | 393                      | 6 557                               | 85 100       | 616 414                               | 30 403                   |
| 2010                | 1 214 339 | 12 240  | 1 250              | 130 210       | 415                      | 6 798                               | 88 699       | 626 753                               | 30 418                   |
| <b>Sales amount</b> |           |   |                    |               |                          |                                     |              |                                       |                          |
| 2008                | 354 099   | 304   | 591                | 131 112       | 6 561                    | 1 688                               | 18 685       | 124 383                               | 10 032                   |
| 2009                | 301 443   | 319   | 446                | 105 029       | 6 720                    | 1 407                               | 17 007       | 110 943                               | 8 616                    |
| 2010                | 363 712   | 391   | 483                | 134 747       | 7 573                    | 1 758                               | 19 774       | 132 328                               | 10 811                   |

Notes : Figures are based on the 6th revised edition of R.O.C Standard Industrial Classification on Taxation from 2008.



**of profit-seeking enterprises**

| Transport storage & communication | Finance & insurance | Real estate & rental & leasing | Professional, science & technology | Education services | Health care & social welfare | Culture, sport & leisure services | other services | Other |
|-----------------------------------|---------------------|--------------------------------|------------------------------------|--------------------|------------------------------|-----------------------------------|----------------|-------|
|-----------------------------------|---------------------|--------------------------------|------------------------------------|--------------------|------------------------------|-----------------------------------|----------------|-------|

|        |        |        |        |     |     |        |        |        |
|--------|--------|--------|--------|-----|-----|--------|--------|--------|
| 33 110 | 16 308 | 21 413 | 40 182 | 189 | 350 | 23 873 | 73 864 | 15 517 |
| 31 469 | 17 326 | 23 287 | 41 761 | 253 | 364 | 25 154 | 77 791 | 12 305 |
| 31 483 | 17 970 | 24 825 | 43 022 | 297 | 362 | 25 960 | 84 102 | 7 199  |
| 31 211 | 18 347 | 25 981 | 42 807 | 366 | 360 | 28 389 | 86 462 | 5 572  |
| 30 871 | 18 981 | 26 631 | 43 046 | 460 | 368 | 25 741 | 88 150 | 4 611  |

(Million NT\$)

|        |        |       |       |    |    |       |       |        |
|--------|--------|-------|-------|----|----|-------|-------|--------|
| 12 254 | 19 786 | 5 260 | 8 026 | 24 | 88 | 2 503 | 4 134 | 10 245 |
| 11 691 | 26 272 | 6 039 | 8 649 | 27 | 62 | 2 717 | 5 653 | 6 246  |
| 13 354 | 41 614 | 6 844 | 8 735 | 41 | 51 | 2 683 | 4 704 | 3 464  |
| 12 794 | 37 816 | 7 986 | 9 094 | 40 | 24 | 2 598 | 4 886 | 2 137  |
| 12 758 | 33 137 | 8 913 | 9 655 | 42 | 25 | 2 673 | 4 535 | 1 783  |

| Accommodation & food services | Information & communication | Finance & insurance | Real estate | Professional, scientific & technical services | Support services | Education | Arts, entertainment & recreation | Other services & non-classified |
|-------------------------------|-----------------------------|---------------------|-------------|---|------------------|-----------|----------------------------------|---------------------------------|
|-------------------------------|-----------------------------|---------------------|-------------|---|------------------|-----------|----------------------------------|---------------------------------|

|         |        |        |        |        |        |     |        |        |
|---------|--------|--------|--------|--------|--------|-----|--------|--------|
| 99 722  | 14 352 | 22 163 | 18 563 | 32 605 | 24 978 | 622 | 20 365 | 64 005 |
| 104 157 | 14 574 | 22 516 | 19 196 | 33 122 | 25 420 | 870 | 20 242 | 65 414 |
| 107 681 | 15 336 | 23 040 | 21 628 | 34 507 | 26 176 | 999 | 20 394 | 67 795 |

(Million NT\$)

|       |       |        |       |       |       |    |     |       |
|-------|-------|--------|-------|-------|-------|----|-----|-------|
| 3 356 | 7 828 | 28 520 | 8 022 | 5 728 | 2 429 | 52 | 690 | 4 118 |
| 3 308 | 7 718 | 21 680 | 7 553 | 5 612 | 2 340 | 61 | 722 | 1 962 |
| 3 748 | 8 545 | 22 663 | 8 701 | 6 433 | 2 952 | 69 | 689 | 2 047 |

Table 108. Number of newly registered

| Year                               | Total   | Agriculture, forestry, fishing and animal husbandry | Mining & quarrying | Manufacturing | Electricity, gas & water | Construction                        | Trade        | Accommodation & eating-drinking places |
|------------------------------------|---------|---|--------------------|---------------|--------------------------|-------------------------------------|--------------|--|
| <b>Newly registered</b>            |         |   |                    |               |                          |                                     |              |  |
| 2002                               | 44 552  | 384   | 193                | 6 412         | 523                      | 6 660                               | 12 257       | 491                                    |
| 2003                               | 40 837  | 472   | 225                | 6 288         | 21                       | 6 151                               | 10 350       | 191                                    |
| 2004                               | 45 431  | 459   | 244                | 6 493         | 36                       | 6 026                               | 10 840       | 202                                    |
| 2005                               | 45 080  | 520   | 223                | 6 189         | 45                       | 5 226                               | 9 902        | 176                                    |
| 2006                               | 38 273  | 291   | 110                | 3 794         | 19                       | 3 693                               | 13 866       | 165                                    |
| <b>Capital of newly registered</b> |         |   |                    |               |                          |                                     |              |  |
| 2002                               | 627 405 | 2 241   | 872                | 84 281        | 1 692                    | 27 368                              | 29 724       | 1 760                                  |
| 2003                               | 314 147 | 4 559   | 1 088              | 53 543        | 137                      | 20 573                              | 28 332       | 1 039                                  |
| 2004                               | 248 176 | 1 821   | 1 488              | 35 666        | 124                      | 25 037                              | 27 497       | 1 366                                  |
| 2005                               | 244 940 | 2 192   | 1 057              | 37 391        | 547                      | 18 375                              | 23 367       | 842                                    |
| 2006                               | 229 052 | 1 038   | 584                | 23 201        | 1 301                    | 14 917                              | 46 797       | 670                                    |
| Year                               | Total   | Agriculture, forestry, fishing and animal husbandry | Mining & quarrying | Manufacturing | Electricity & gas supply | Water supply & remediation services | Construction | Wholesale & retail trade               |
| <b>Newly registered</b>            |         |   |                    |               |                          |                                     |              |  |
| 2007                               | 33 718  | 398   | 189                | 6 182         | 48                       | 261                                 | 5 055        | 5 479                                  |
| 2008                               | 30 201  | 358   | 165                | 5 140         | 70                       | 223                                 | 4 307        | 4 589                                  |
| 2009                               | 31 882  | 618   | 177                | 5 926         | 104                      | 176                                 | 4 701        | 5 699                                  |
| 2010                               | 36 197  | 810   | 217                | 8 146         | 134                      | 207                                 | 5 963        | 6 694                                  |
| <b>Capital of newly registered</b> |         |   |                    |               |                          |                                     |              |  |
| 2007                               | 175 210 | 2 132   | 1 058              | 35 165        | 822                      | 865                                 | 18 751       | 13 581                                 |
| 2008                               | 245 752 | 1 245   | 876                | 32 216        | 747                      | 752                                 | 11 474       | 9 212                                  |
| 2009                               | 127 954 | 2 251   | 706                | 27 662        | 772                      | 556                                 | 13 586       | 10 325                                 |
| 2010                               | 190 377 | 3 119   | 1 029              | 40 978        | 1 907                    | 465                                 | 16 561       | 13 014                                 |

Notes : Figures are based on the 8th revised edition of R.O.C Standard Industrial Classification System from 2007.

**corporations and its capital**

| Transport, storage & communication | Finance, insurance | Real estate, rental & leasing | Professional, scientific & technical services | Educational services | Health care, social welfare services | Cultural, sporting & recreational services | Other services | Non-classified |
|------------------------------------|--------------------|-------------------------------|---|----------------------|--------------------------------------|--|----------------|----------------|
|------------------------------------|--------------------|-------------------------------|---|----------------------|--------------------------------------|--|----------------|----------------|

**corporations (Numbers)**

|       |       |       |       |    |   |     |       |        |
|-------|-------|-------|-------|----|---|-----|-------|--------|
| 1 487 | 1 000 | 1 159 | 5 903 | 10 | 6 | 858 | 1 436 | 5 773  |
| 413   | 1 359 | 1 578 | 5 207 | 4  | - | 366 | 1 759 | 6 453  |
| 483   | 2 021 | 1 995 | 5 178 | 7  | 4 | 354 | 2 373 | 8 716  |
| 455   | 1 798 | 1 895 | 5 142 | 2  | - | 372 | 2 914 | 10 221 |
| 296   | 1 338 | 1 115 | 3 865 | 2  | 4 | 295 | 1 245 | 8 175  |

**corporations (Million NT\$)**

|        |         |        |        |    |    |       |        |        |
|--------|---------|--------|--------|----|----|-------|--------|--------|
| 48 958 | 372 841 | 9 065  | 16 445 | 21 | 12 | 3 632 | 7 466  | 21 026 |
| 5 539  | 129 516 | 18 879 | 14 529 | 3  | -  | 1 575 | 8 191  | 26 645 |
| 7 588  | 62 937  | 19 994 | 14 916 | 14 | 10 | 1 319 | 13 362 | 35 035 |
| 4 769  | 63 951  | 15 816 | 14 469 | 2  | -  | 2 052 | 10 744 | 49 368 |
| 3 506  | 37 582  | 8 614  | 13 227 | 2  | 17 | 1 310 | 5 450  | 70 837 |

| Transportation & storage | Accommodation & food services | Information & communication | Financial & insurance | Real estate | Professional, scientific & technical services | Support services | Arts, entertainment & recreation | Other services & not-classified |
|--------------------------|-------------------------------|-----------------------------|-----------------------|-------------|---|------------------|----------------------------------|---------------------------------|
|--------------------------|-------------------------------|-----------------------------|-----------------------|-------------|---|------------------|----------------------------------|---------------------------------|

**corporations (Numbers)**

|     |     |       |       |       |       |       |     |       |
|-----|-----|-------|-------|-------|-------|-------|-----|-------|
| 308 | 238 | 1 329 | 2 086 | 1 796 | 4 293 | 675   | 122 | 5 259 |
| 270 | 180 | 1 161 | 1 847 | 1 359 | 2 694 | 669   | 79  | 7 090 |
| 347 | 276 | 1 461 | 1 773 | 1 601 | 3 541 | 826   | 205 | 4 451 |
| 399 | 356 | 1 754 | 2 149 | 2 471 | 4 515 | 1 004 | 245 | 1 133 |

**corporations (Million NT\$)**

|       |       |       |         |        |        |       |     |        |
|-------|-------|-------|---------|--------|--------|-------|-----|--------|
| 3 920 | 712   | 3 598 | 47 613  | 13 749 | 12 930 | 3 204 | 773 | 16 337 |
| 6 189 | 497   | 2 556 | 136 651 | 12 026 | 5 931  | 3 265 | 400 | 21 714 |
| 3 299 | 1 347 | 3 205 | 28 743  | 12 788 | 6 687  | 3 430 | 876 | 11 721 |
| 4 876 | 1 493 | 4 107 | 64 720  | 21 913 | 9 395  | 4 073 | 408 | 2 319  |

Table 109. Number of business

| Year | Total   | Agriculture,<br>forestry, fishing &<br>animal husbandry    | Mining &<br>quarrying | Manufacturing      | Electricity,<br>gas & water | Construction                              | Transport,<br>storage &<br>communica-<br>tion |                                     |
|------|---------|--|-----------------------|--------------------|-----------------------------|---|---|-------------------------------------|
| 1997 | 682 648 | 2 267  | 1 279                 | 64 993             | 778                         | 17 857                                    | 36 993  |                                     |
| 1998 | 701 081 | 2 413  | 1 288                 | 64 451             | 812                         | 19 450                                    | 36 815  |                                     |
| 1999 | 703 579 | 2 509  | 1 313                 | 60 203             | 888                         | 21 771                                    | 35 560  |                                     |
| 2000 | 705 798 | 2 520  | 1 307                 | 59 256             | 950                         | 23 511                                    | 33 423  |                                     |
| 2001 | 718 318 | 5 105  | 2 353                 | 50 015             | 2 154                       | 41 449                                    | 31 854  |                                     |
| 2002 | 722 089 | ...  | ...                   | ...                | ...                         | ...                                       | ...   |                                     |
| 2003 | 713 925 | ...  | ...                   | ...                | ...                         | ...                                       | ...   |                                     |
| 2004 | 727 016 | 3 658  | 2 176                 | 44 048             | 210                         | 46 691                                    | 29 643  |                                     |
| 2005 | 735 263 | 3 752  | 2 088                 | 43 023             | 215                         | 49 042                                    | 30 132  |                                     |
| 2006 | 745 712 | 3 924  | 2 049                 | 42 642             | 220                         | 52 324                                    | 30 237  |                                     |
| Year | Total   | Agriculture,<br>forestry, fishing<br>& animal<br>husbandry | Mining &<br>quarrying | Manufactur-<br>ing | Electricity &<br>gas supply | Water supply<br>& remediation<br>services | Construction                                  | Accommodation<br>& food<br>services |
| 2007 | 745 120 | 3 744  | 2 038                 | 42 070             | 165                         | 2 485                                     | 54 228  | 45 768                              |
| 2008 | 744 262 | 3 883  | 1 995                 | 41 585             | 155                         | 2 747                                     | 55 667  | 46 346                              |
| 2009 | 753 448 | 4 090  | 1 955                 | 41 493             | 158                         | 2 854                                     | 56 965  | 50 573                              |
| 2010 | 759 082 | 4 264  | 1 939                 | 41 816             | 167                         | 3 010                                     | 58 771  | 53 366                              |

Notes: <sup>1</sup> Data referred to Trade and eating-drinking places before 2001.

<sup>2</sup> Data referred to finance, insurance, real estate services and business services before 1997, from year 1998 to 2001 it referred to finance, insurance and real estate services.

<sup>3</sup> Data included business services before 1998.

Figures are based on the 8th revised edition of R.O.C Standard Industrial Classification System from 2007.

## entities existing registered

Numbers

| Trade <sup>1</sup>       | Accommodation & eating-drinking places | Finance, insurance <sup>2</sup> | Real estate, rental & leasing | Professional, scientific & technical services | Educational services                          | Health care, social welfare services | Cultural, sporting & recreational services | Other services <sup>3</sup> |
|--------------------------|--|---------------------------------|-------------------------------|---|---|--------------------------------------|--|-----------------------------|
| 459 611                  |  | 32 350                          |                               | ...   | ...   | ...                                  | ...  | 66 520                      |
| 472 231                  |  | 15 257                          |                               | ...   | ...   | ...                                  | ...  | 88 364                      |
| 475 735                  |  | 14 569                          |                               | ...   | ...   | ...                                  | ...  | 91 031                      |
| 476 142                  |  | 12 214                          |                               | ...   | ...   | ...                                  | ...  | 96 475                      |
| 484 801                  |  | 4 553                           |                               | ...   | ...   | ...                                  | ...  | 96 034                      |
| ...                      |  | ...                             |                               | ...   | ...   | ...                                  | ...  | ...                         |
| ...                      |  | ...                             |                               | ...   | ...   | ...                                  | ...  | ...                         |
| 457 612                  | 40 247                                 | 2 557                           | 11 286                        | 15 685  | 65  | 2                                    | 13 650                                     | 59 486                      |
| 458 769                  | 42 106                                 | 2 586                           | 11 543                        | 15 827  | 81  | 5                                    | 15 277                                     | 60 817                      |
| 459 855                  | 44 022                                 | 2 647                           | 11 679                        | 15 760  | 65  | 4                                    | 18 538                                     | 61 551                      |
| Wholesale & retail trade | Transportation & storage               | Information & communication     | Financial & insurance         | Real estate                                   | Professional, scientific & technical services | Support services                     | Arts, entertainment & recreation           | Other services              |
| 457 905                  | 29 849                                 | 5 549                           | 2 613                         | 2 330   | 13 549  | 19 418                               | 14 126                                     | 49 283                      |
| 454 814                  | 29 850                                 | 5 508                           | 2 585                         | 2 368   | 13 601  | 19 748                               | 14 290                                     | 49 120                      |
| 456 692                  | 29 376                                 | 5 477                           | 2 501                         | 2 470   | 13 900  | 20 065                               | 14 433                                     | 50 446                      |
| 455 828                  | 28 974                                 | 5 530                           | 2 498                         | 2 611   | 13 853  | 20 590                               | 14 594                                     | 51 271                      |

Table 110. Number of small

| Year | Total     | Agriculture,<br>forestry, fishing &<br>animal husbandry | Mining &<br>quarrying | Manufacturing      | Electricity, gas<br>& water | Construction                              | Transport,<br>storage &<br>communication |                                  |
|------|-----------|---|-----------------------|--------------------|-----------------------------|---|--|----------------------------------|
| 1997 | 1 020 435 | 12 833  | 1 418                 | 147 507            | 420                         | 66 619                                    | 32 218                                   |                                  |
| 1998 | 1 045 117 | 12 933  | 1 406                 | 145 281            | 566                         | 70 988                                    | 31 935                                   |                                  |
| 1999 | 1 060 738 | 12 823  | 1 392                 | 142 686            | 624                         | 74 282                                    | 32 415                                   |                                  |
| 2000 | 1 070 310 | 10 686  | 1 362                 | 141 340            | 629                         | 77 093                                    | 31 441                                   |                                  |
| 2001 | 1 078 162 | 10 622  | 1 307                 | 137 551            | 690                         | 76 670                                    | 31 530                                   |                                  |
| 2002 | 1 104 706 | 10 649  | 1 350                 | 133 684            | 1 131                       | 75 840                                    | 31 104                                   |                                  |
| 2003 | 1 146 352 | 10 718  | 1 393                 | 133 560            | 593                         | 75 861                                    | 44 721                                   |                                  |
| 2004 | 1 164 009 | 10 650  | 1 381                 | 132 840            | 520                         | 79 312                                    | 40 385                                   |                                  |
| 2005 | 1 226 095 | 11 099  | 1 410                 | 134 172            | 522                         | 86 001                                    | 36 898                                   |                                  |
| 2006 | 1 244 099 | 10 949  | 1 437                 | 132 354            | 494                         | 91 290                                    | 35 186                                   |                                  |
| Year | Total     | Agriculture,<br>forestry, fishing &<br>animal husbandry | Mining &<br>quarrying | Manufactur-<br>ing | Electricity &<br>gas supply | Water supply<br>& remediation<br>services | Construction                             | Accommodation &<br>food services |
| 2007 | 1 236 586 | 10 784  | 1 485                 | 133 312            | 248                         | 6 539                                     | 90 269                                   | 108 801                          |
| 2008 | 1 234 749 | 10 974  | 1 455                 | 131 829            | 266                         | 6 691                                     | 92 272                                   | 110 182                          |
| 2009 | 1 232 025 | 11 129  | 1 403                 | 130 017            | 278                         | 6 785                                     | 92 507                                   | 113 447                          |
| 2010 | 1 247 998 | 11 344  | 1 370                 | 129 983            | 293                         | 6 894                                     | 94 415                                   | 117 207                          |

Notes: <sup>1</sup> Data referred to Trade and eating-drinking places before 2002.

<sup>2</sup> Data referred to finance, insurance and real estate services before 2002.

Figures are based on the 8th revised edition of R.O.C Standard Industrial Classification System from 2007.

**and medium enterprises**

| Trade <sup>1</sup>       | Accommodation & eating-drinking places | Finance, insurance <sup>2</sup> | Real estate, rental & leasing | Professional, scientific & technical services | Educational services                          | Health care, social welfare services | Cultural, sporting & recreational services | Other services |
|--------------------------|--|---------------------------------|-------------------------------|---|---|--------------------------------------|--|----------------|
| 615 506                  |  | 19 529                          |                               | ...   | ...   | ...                                  | ...  | 124 385        |
| 632 444                  |  | 20 031                          |                               | ...   | ...   | ...                                  | ...  | 129 533        |
| 642 196                  |  | 19 362                          |                               | ...   | ...   | ...                                  | ...  | 134 958        |
| 646 312                  |  | 19 163                          |                               | ...   | ...   | ...                                  | ...  | 142 284        |
| 651 841                  |  | 18 967                          |                               | ...   | ...   | ...                                  | ...  | 148 984        |
| 674 364                  |  | 21 585                          |                               | ...   | ...   | ...                                  | ...  | 154 999        |
| 611 339                  | 85 061                                 | 10 513                          | 22 803                        | 44 298  | 459   | 367                                  | 26 612                                     | 78 054         |
| 619 525                  | 91 252                                 | 10 240                          | 23 773                        | 44 867  | 403   | 257                                  | 27 654                                     | 80 950         |
| 651 590                  | 102 096                                | 11 263                          | 25 827                        | 46 352  | 430   | 375                                  | 28 779                                     | 89 281         |
| 657 583                  | 107 205                                | 10 916                          | 27 035                        | 46 331  | 482   | 360                                  | 29 793                                     | 92 684         |
| Wholesale & retail trade | Transportation & storage               | Information & communication     | Financial & insurance         | Real estate                                   | Professional, scientific & technical services | Support services                     | Arts, entertainment & recreation           | Other services |
| 654 091                  | 30 807                                 | 15 282                          | 13 597                        | 18 683  | 35 191  | 26 211                               | 23 108                                     | 68 178         |
| 648 376                  | 30 586                                 | 15 253                          | 13 646                        | 19 638  | 35 301  | 26 822                               | 22 955                                     | 68 503         |
| 642 235                  | 30 329                                 | 15 360                          | 14 102                        | 20 092  | 35 397  | 27 147                               | 22 487                                     | 69 310         |
| 646 101                  | 30 181                                 | 15 862                          | 14 035                        | 21 975  | 36 505  | 27 683                               | 22 301                                     | 71 849         |





## AGRICULTURE, FORESTRY AND FISHING

This chapter is concerned with information on agriculture, forestry, fisheries, and livestock husbandry. All data on agriculture, forestry and fishing are obtained from the *Agricultural Statistics Yearbook*, the *Fisheries Statistical Yearbook*, and the *Food Supply and Utilization Yearbook* all published by Council of Agriculture, Executive Yuan. Data on agricultural employees are from the *Yearbook of Manpower Survey Statistics, Taiwan Area, R.O.C.* published by Directorate-General of Budget, Accounting and Statistics, Executive Yuan.

The scope of agricultural production reporting system cover all agricultural products produced in Taiwan Area except sheep, horses and deer. Production does not exclude intermediate inputs and consumption or waste. The productions of principal products are all reported. For by-products only productions of forestry are reported. From the reported data, the Council of Agriculture picks out a number of representative products for calculation of the agricultural production index which adopts the Laspeyres fixed base weighted formula, with the weights being the prices of farm products prevailing in the base year. In shifting the base year, the Fisher Ideal formula are used to splice the new and old indices. To avoid double counting the agricultural output, seeds are deducted from the output of a crop in calculation of the output index for the crop. In calculation of the general agricultural production index, crop products used as animal feed are further deducted in order to avoid double counting of the animal feeds in the crop sector. Animal feeds are included in the livestock and fisheries production.

Fisheries -- This line of business can be divided into six categories, i.e., deep-sea fishery, offshore fishery, coastal fishery, marine culture, inland water fishing and inland water culture. The deep-sea fishery refers to fishing on waters beyond the economic zones of our country by means of powered vessels. The offshore fishery refers to fishing on the waters within the economic zones of our country, i.e., 12 knotical miles to 200 knotical miles from the coast by means of powered vessels. The coastal fishery refers to fishing on the territorial waters, i.e., 12 knotical miles from the coast, by fishing raft or other means. The marine culture refers to raising aquatic animals or plants in the waters along the coast. The inland water fishing refers to fishing or harvesting of aquatic animals or plants in inland waters. The inland water culture refers to raising aquatic animals or plants in inland waters.

Table 111. Indices of agricultural,

2006=100

| Year   | General index | Agricultural products |                 |       |              |               |        |            |           |         |
|--------|---------------|-----------------------|-----------------|-------|--------------|---------------|--------|------------|-----------|---------|
|        |               | Group index           | Common crops    |       |              | Special crops | Fruits | Vegetables | Mushrooms | Flowers |
|        |               |                       | Sub-group index | Rice  | Coarse Grain |               |        |            |           |         |
| 1981   | 83.4          | 117.0                 | 185.7           | 193.2 | 172.2        | 144.0         | 67.1   | 118.8      | 931.7     | 12.7    |
| 1982   | 84.9          | 118.0                 | 193.0           | 202.1 | 171.5        | 146.5         | 61.3   | 119.8      | 831.0     | 13.8    |
| 1983   | 88.3          | 114.5                 | 192.3           | 202.3 | 165.1        | 127.7         | 61.7   | 113.5      | 790.2     | 14.5    |
| 1984   | 91.1          | 115.3                 | 176.3           | 182.7 | 167.4        | 135.5         | 68.7   | 126.6      | 829.0     | 19.2    |
| 1985   | 93.9          | 116.1                 | 173.4           | 177.0 | 180.2        | 141.8         | 74.2   | 123.3      | 833.0     | 23.1    |
| 1986   | 93.6          | 110.1                 | 162.3           | 160.6 | 193.0        | 133.0         | 71.8   | 115.4      | 768.5     | 26.0    |
| 1987   | 101.0         | 114.7                 | 161.0           | 154.7 | 212.9        | 136.8         | 81.8   | 120.0      | 632.8     | 32.9    |
| 1988   | 102.6         | 116.3                 | 155.8           | 150.2 | 203.5        | 151.0         | 88.4   | 114.7      | 455.6     | 39.6    |
| 1989   | 102.4         | 115.7                 | 154.3           | 151.8 | 187.6        | 151.5         | 92.6   | 107.6      | 380.8     | 40.6    |
| 1990   | 104.7         | 110.5                 | 152.7           | 147.1 | 199.9        | 140.1         | 87.4   | 98.7       | 275.3     | 48.9    |
| 1991   | 106.2         | 113.4                 | 153.5           | 148.2 | 199.9        | 138.6         | 92.0   | 104.3      | 223.8     | 52.3    |
| 1992   | 103.7         | 108.7                 | 140.6           | 132.7 | 200.4        | 139.5         | 84.7   | 104.4      | 161.7     | 62.9    |
| 1993   | 109.9         | 116.1                 | 150.2           | 143.3 | 205.8        | 144.7         | 95.9   | 105.1      | 114.4     | 74.9    |
| 1994   | 106.6         | 112.0                 | 140.2           | 132.2 | 200.4        | 151.5         | 93.1   | 94.1       | 99.3      | 85.8    |
| 1995   | 110.5         | 114.2                 | 139.5           | 132.9 | 191.8        | 151.7         | 93.1   | 102.7      | 82.7      | 94.5    |
| 1996   | 110.7         | 113.9                 | 131.6           | 123.8 | 190.1        | 149.3         | 93.9   | 111.3      | 104.1     | 90.5    |
| 1997   | 109.3         | 115.8                 | 134.6           | 131.0 | 167.4        | 147.0         | 98.8   | 109.1      | 120.8     | 95.6    |
| 1998   | 103.3         | 106.2                 | 119.4           | 119.2 | 129.8        | 146.0         | 85.9   | 103.2      | 93.9      | 91.2    |
| 1999   | 104.5         | 113.4                 | 120.7           | 122.9 | 116.8        | 138.1         | 97.6   | 122.1      | 78.7      | 95.0    |
| 2000   | 106.8         | 108.1                 | 118.4           | 122.3 | 103.3        | 137.0         | 88.5   | 114.0      | 85.2      | 96.2    |
| 2001   | 105.5         | 103.4                 | 107.0           | 110.5 | 93.7         | 124.5         | 92.5   | 107.8      | 104.8     | 90.8    |
| 2002   | 109.8         | 109.1                 | 115.0           | 115.7 | 112.2        | 120.9         | 97.0   | 120.1      | 98.6      | 93.5    |
| 2003   | 109.9         | 106.2                 | 106.0           | 105.8 | 106.8        | 121.9         | 102.0  | 108.8      | 98.1      | 94.0    |
| 2004   | 105.3         | 101.0                 | 92.6            | 92.0  | 94.8         | 107.4         | 100.4  | 108.6      | 104.7     | 96.2    |
| 2005   | 99.3          | 91.4                  | 92.7            | 94.1  | 87.2         | 98.0          | 86.6   | 93.3       | 98.1      | 88.8    |
| 2006   | 100.0         | 100.0                 | 100.0           | 100.0 | 100.0        | 100.0         | 100.0  | 100.0      | 100.0     | 100.0   |
| 2007 r | 97.6          | 93.5                  | 86.0            | 87.4  | 80.9         | 92.8          | 99.8   | 90.6       | 90.3      | 98.3    |
| 2008   | 92.7          | 93.0                  | 91.7            | 93.5  | 84.8         | 96.7          | 93.6   | 91.6       | 90.6      | 93.9    |
| 2009   | 91.0          | 93.9                  | 99.3            | 101.3 | 91.6         | 94.1          | 90.6   | 93.1       | 86.2      | 97.5    |
| 2010   | 92.7          | 96.2                  | 93.1            | 93.1  | 93.1         | 91.9          | 99.9   | 95.6       | 95.1      | 96.7    |

Notes : Data do not include Kinmen County and Lienchiang County before 2009.

**forestry and fishery production**

| Forestry products |            |   | Livestock products |       |                 | Fishery products |                   |                    |                   |                       |
|-------------------|------------|---|--------------------|-------|-----------------|------------------|-------------------|--------------------|-------------------|-----------------------|
| Group index       | Saw timber | Fire & charcoal wood and bamboo & by-products | Group index        | Hogs  | Other livestock | Group index      | Far-sea fisheries | Offshore fisheries | Coastal fisheries | Aquaculture fisheries |
| 667.1             | 2 050.9    | 221.3   | 51.5               | 64.8  | 35.3            | 81.5             | 42.4              | 299.9              | 73.6              | 75.6                  |
| 610.5             | 1 889.2    | 197.7   | 53.5               | 66.8  | 37.0            | 83.2             | 44.4              | 280.8              | 80.6              | 81.3                  |
| 721.7             | 2 409.3    | 162.2   | 61.3               | 71.3  | 46.0            | 85.5             | 44.9              | 264.1              | 88.5              | 91.0                  |
| 623.8             | 2 056.9    | 150.5   | 64.9               | 78.7  | 46.5            | 90.7             | 51.3              | 268.0              | 96.6              | 92.8                  |
| 561.5             | 1 846.3    | 137.7   | 69.3               | 89.4  | 46.0            | 94.6             | 56.4              | 264.1              | 104.0             | 95.5                  |
| 622.2             | 1 986.8    | 181.8   | 71.6               | 93.4  | 46.7            | 100.3            | 63.5              | 241.9              | 111.0             | 105.0                 |
| 577.0             | 1 626.2    | 232.1   | 78.1               | 100.9 | 51.6            | 113.9            | 74.5              | 252.6              | 106.4             | 123.1                 |
| 374.0             | 897.2      | 196.6   | 78.8               | 98.0  | 54.9            | 118.5            | 90.0              | 250.7              | 98.2              | 115.7                 |
| 264.2             | 531.1      | 169.1   | 82.6               | 98.6  | 60.7            | 112.6            | 94.6              | 257.0              | 97.5              | 93.3                  |
| 226.0             | 333.2      | 180.4   | 88.8               | 108.5 | 63.4            | 119.6            | 99.9              | 206.5              | 94.0              | 116.2                 |
| 211.7             | 217.4      | 210.5   | 96.8               | 121.2 | 66.3            | 110.7            | 92.1              | 195.7              | 77.7              | 109.1                 |
| 127.7             | 266.6      | 78.5  | 99.1               | 121.0 | 71.9            | 106.8            | 94.4              | 195.8              | 79.6              | 95.3                  |
| 133.4             | 191.6      | 113.0   | 103.4              | 122.0 | 80.9            | 113.4            | 114.7             | 176.8              | 73.2              | 95.1                  |
| 100.7             | 141.3      | 86.5  | 109.3              | 129.3 | 84.9            | 100.0            | 93.1              | 164.5              | 67.6              | 90.7                  |
| 117.5             | 199.0      | 88.8  | 114.8              | 132.5 | 93.6            | 104.2            | 98.0              | 176.0              | 78.7              | 90.4                  |
| 96.8              | 163.4      | 74.1  | 119.4              | 136.4 | 99.4            | 99.3             | 94.3              | 164.8              | 70.7              | 87.0                  |
| 108.9             | 169.8      | 89.5  | 110.5              | 110.7 | 109.3           | 101.3            | 105.9             | 157.8              | 70.8              | 79.6                  |
| 137.9             | 172.8      | 131.7   | 102.4              | 95.8  | 108.6           | 101.4            | 113.5             | 134.4              | 78.1              | 75.7                  |
| 115.9             | 98.3       | 131.1   | 98.7               | 88.4  | 109.1           | 99.3             | 113.3             | 128.6              | 71.7              | 72.9                  |
| 114.3             | 32.7       | 157.2   | 104.3              | 98.9  | 109.2           | 108.6            | 116.7             | 132.9              | 85.4              | 89.6                  |
| 94.7              | 43.4       | 122.3   | 104.6              | 103.4 | 105.7           | 110.4            | 117.5             | 132.0              | 91.4              | 96.3                  |
| 105.6             | 64.9       | 127.6   | 102.6              | 99.8  | 105.1           | 119.4            | 123.3             | 142.5              | 94.4              | 110.4                 |
| 115.0             | 38.5       | 156.3   | 100.6              | 95.9  | 104.6           | 127.8            | 133.9             | 135.3              | 115.4             | 118.8                 |
| 114.8             | 51.2       | 149.1   | 100.5              | 96.5  | 103.9           | 118.7            | 123.5             | 129.5              | 106.8             | 110.4                 |
| 89.8              | 71.4       | 99.7  | 97.6               | 97.9  | 97.4            | 116.3            | 120.3             | 132.6              | 98.1              | 108.3                 |
| 100.0             | 100.0      | 100.0   | 100.0              | 100.0 | 100.0           | 100.0            | 100.0             | 100.0              | 100.0             | 100.0                 |
| 68.5              | 42.5       | 86.8  | 97.6               | 98.2  | 97.0            | 105.7            | 111.1             | 87.0               | 97.1              | 106.2                 |
| 63.4              | 45.7       | 75.8  | 93.2               | 92.6  | 93.7            | 91.4             | 86.5              | 78.9               | 86.2              | 103.7                 |
| 64.4              | 40.1       | 81.5  | 92.8               | 92.1  | 93.5            | 83.2             | 81.1              | 82.0               | 82.5              | 86.7                  |
| 59.2              | 29.2       | 80.2  | 93.5               | 90.9  | 95.9            | 84.6             | 85.1              | 70.0               | 63.7              | 93.3                  |

Table 112. Quantity of major

| Item                 | 2001      | 2002      | 2003      | 2004      |
|----------------------|-----------|-----------|-----------|-----------|
| Crop production      |           |           |           |           |
| Paddy rice           | 1 723 895 | 1 803 187 | 1 648 275 | 1 433 611 |
| Coarse grain         |           |           |           |           |
| Feed corn            | 59 223    | 60 230    | 53 134    | 45 631    |
| Food corn            | 106 772   | 128 685   | 114 775   | 98 666    |
| Sweet potato         | 188 716   | 191 448   | 199 800   | 175 421   |
| Peanut               | 56 087    | 77 455    | 73 462    | 68 302    |
| Sorghum              | 21 652    | 17 918    | 17 542    | 12 826    |
| Adzuki bean          | 4 235     | 7 270     | 7 389     | 6 458     |
| Soybean              | 328       | 368       | 341       | 280       |
| Special crops        |           |           |           |           |
| Sugar-cane (refined) | 2 180 288 | 1 973 051 | 1 695 679 | 1 129 385 |
| Sugar-cane (fresh)   | 122 701   | 122 680   | 108 623   | 65 661    |
| Tea                  | 19 837    | 20 345    | 20 675    | 20 192    |
| Tobacco              | 9 215     | 7 578     | 5 243     | 5 490     |
| Sesame               | 615       | 531       | 594       | 458       |
| Vegetables           |           |           |           |           |
| Radishes             | 121 031   | 141 282   | 120 704   | 125 879   |
| Scallion             | 119 805   | 137 384   | 132 672   | 125 707   |
| Garlic bulb          | 54 103    | 49 071    | 46 765    | 58 054    |
| Water bamboo         | 48 304    | 36 097    | 42 130    | 42 136    |
| Bamboo shoot         | 322 959   | 340 570   | 345 107   | 310 300   |
| Cabbage              | 349 719   | 359 053   | 299 409   | 319 671   |
| Watermelon           | 330 082   | 434 289   | 335 919   | 314 945   |
| Cantaloupe           | 87 068    | 103 702   | 85 485    | 78 797    |
| Mildew               |           |           |           |           |
| Mushroom             | 4 933     | 5 217     | 4 883     | 5 643     |
| Shiitake             | 4 866     | 4 545     | 4 537     | 4 823     |
| Fruits               |           |           |           |           |
| Banana               | 204 724   | 226 521   | 223 061   | 189 900   |
| Pineapple            | 388 691   | 416 280   | 447 807   | 458 499   |
| Ponkan               | 111 919   | 105 715   | 105 370   | 107 143   |
| Wentan pomelo        | 67 551    | 74 480    | 88 575    | 87 362    |
| Liucheng             | 135 639   | 142 681   | 204 575   | 211 409   |
| Longan               | 110 202   | 110 925   | 134 583   | 102 337   |
| Mango                | 212 875   | 213 366   | 220 513   | 182 196   |

Notes : Data do not include Kinmen County and Lienchiang County before 2009.

**agricultural production**

Metric tons

| 2005      | 2006      | 2007      | 2008      | 2009      | 2010      |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 467 138 | 1 558 048 | 1 363 458 | 1 457 175 | 1 578 169 | 1 451 011 |
| 41 820    | 37 358    | 33 885    | 37 290    | 45 981    | 34 551    |
| 91 653    | 91 075    | 84 985    | 80 807    | 87 579    | 81 237    |
| 213 991   | 235 203   | 200 087   | 212 816   | 229 038   | 209 191   |
| 53 948    | 71 561    | 51 885    | 55 075    | 56 941    | 65 036    |
| 8 325     | 4 732     | 4 895     | 2 532     | 719       | 4 411     |
| 4 850     | 7 831     | 6 056     | 7 013     | 8 550     | 8 693     |
| 213       | 187       | 147       | 141       | 220       | 204       |
| 875 458   | 651 041   | 720 874   | 707 102   | 613 228   | 665 359   |
| 64 754    | 63 216    | 60 043    | 58 400    | 51 044    | 47 124    |
| 18 803    | 19 345    | 17 502    | 17 384    | 16 780    | 17 467    |
| 2 743     | 2 193     | 1 672     | 1 725     | 1 928     | 1 753     |
| 451       | 571       | 313       | 408       | 948       | 947       |
| 132 390   | 116 416   | 110 856   | 118 720   | 101 585   | 95 113    |
| 91 696    | 102 577   | 97 920    | 95 124    | 111 347   | 111 205   |
| 55 622    | 43 843    | 43 840    | 54 508    | 49 600    | 44 916    |
| 45 801    | 46 265    | 44 291    | 46 295    | 46 169    | 46 403    |
| 232 856   | 313 356   | 291 709   | 255 046   | 251 994   | 292 209   |
| 316 115   | 355 072   | 318 717   | 348 818   | 346 297   | 329 149   |
| 212 488   | 236 322   | 220 773   | 203 275   | 217 619   | 225 925   |
| 60 307    | 73 727    | 50 702    | 48 423    | 40 421    | 41 156    |
| 5 117     | 4 663     | 4 304     | 3 951     | 3 898     | 3 149     |
| 4 526     | 4 643     | 4 184     | 4 233     | 4 012     | 4 540     |
| 148 715   | 214 277   | 241 729   | 207 702   | 172 550   | 287 895   |
| 439 872   | 491 588   | 476 811   | 452 060   | 434 769   | 420 172   |
| 93 207    | 110 645   | 89 727    | 100 689   | 98 179    | 102 341   |
| 69 830    | 73 571    | 63 711    | 68 061    | 70 150    | 88 100    |
| 193 847   | 228 225   | 192 910   | 254 125   | 231 549   | 185 289   |
| 102 790   | 102 693   | 108 612   | 101 909   | 82 602    | 100 436   |
| 149 996   | 191 332   | 215 292   | 176 716   | 140 290   | 135 293   |

Table 112. Quantity of major

| Item                     | 2001      | 2002      | 2003      | 2004      |
|--------------------------|-----------|-----------|-----------|-----------|
| Betel nut                | 165 076   | 162 253   | 159 584   | 143 368   |
| Guava                    | 185 491   | 203 581   | 198 408   | 184 738   |
| Wax apple                | 94 034    | 95 134    | 92 658    | 68 687    |
| Grape                    | 85 018    | 84 972    | 92 122    | 97 884    |
| Plum                     | 34 852    | 34 419    | 34 724    | 35 321    |
| Japanese apricot         | 55 956    | 45 218    | 53 874    | 57 009    |
| Lichee                   | 79 156    | 81 004    | 104 186   | 82 107    |
| Pear                     | 100 565   | 122 957   | 122 138   | 124 873   |
| Papaya                   | 142 207   | 144 572   | 144 559   | 133 620   |
| Sugar apple              | 42 680    | 55 340    | 48 339    | 89 189    |
| Forestry                 |           |           |           |           |
| Timber (M <sup>3</sup> ) | 34 080    | 35 328    | 41 147    | 40 041    |
| Saw-timber               | 26 401    | 31 074    | 26 098    | 30 372    |
| Firewood                 | 5 953     | 3 957     | 14 995    | 9 642     |
| Tree top wood            | 1 727     | 297       | 55        | 27        |
| Bamboo (1 000 pieces)    | 594       | 868       | 665       | 574       |
| Fishery                  |           |           |           |           |
| Deep-sea fishery         | 795 622   | 823 534   | 877 663   | 677 703   |
| Inshore fishery          | 158 969   | 185 030   | 192 681   | 196 820   |
| Coastal fishery          | 48 923    | 49 251    | 63 430    | 56 070    |
| Mariculture              | 26 763    | 28 729    | 34 386    | 28 094    |
| Inland water fishing     | 609       | 608       | 475       | 255       |
| Inland water culture     | 286 018   | 317 939   | 330 348   | 299 066   |
| Livestock                |           |           |           |           |
| Cattle (Carcass weight)  | 5 057     | 5 303     | 5 523     | 5 120     |
| Hogs (Carcass weight)    | 961 948   | 935 354   | 892 835   | 898 208   |
| Goats (Carcass weight)   | 3 176     | 2 987     | 2 900     | 2 781     |
| Chicken (Carcass weight) | 606 019   | 609 344   | 596 584   | 600 905   |
| Duck (Carcass weight)    | 60 728    | 58 561    | 58 607    | 61 218    |
| Geese (Carcass weight)   | 25 161    | 24 558    | 25 447    | 25 998    |
| Cow milk                 | 345 970   | 357 804   | 354 421   | 322 660   |
| Honey                    | 2 759     | 3 230     | 5 935     | 4 987     |
| Hen egg (1 000 pieces)   | 7 325 125 | 7 069 644 | 7 018 647 | 6 998 992 |
| Duck egg (1 000 pieces)  | 481 789   | 472 326   | 477 041   | 417 126   |

**agricultural production(continued)**

Metric tons

| 2005      | 2006      | 2007 <sup>r</sup> | 2008      | 2009      | 2010      |
|-----------|-----------|-------------------|-----------|-----------|-----------|
| 138 095   | 141 563   | 134 497           | 144 195   | 142 636   | 131 737   |
| 137 166   | 170 169   | 131 703           | 141 065   | 135 303   | 167 009   |
| 84 991    | 69 234    | 82 223            | 63 902    | 43 693    | 59 675    |
| 71 105    | 102 291   | 90 081            | 84 656    | 98 091    | 102 831   |
| 29 202    | 26 297    | 25 830            | 23 001    | 22 899    | 24 826    |
| 45 937    | 48 001    | 37 834            | 35 812    | 46 890    | 49 695    |
| 70 537    | 84 652    | 99 721            | 79 565    | 95 440    | 89 440    |
| 113 183   | 126 628   | 150 429           | 138 381   | 153 450   | 174 858   |
| 88 475    | 129 283   | 92 914            | 94 359    | 82 878    | 129 322   |
| 75 554    | 85 005    | 78 830            | 67 749    | 70 370    | 64 243    |
| 44 116    | 36 233    | 35 161            | 31 231    | 27 891    | 19 468    |
| 31 389    | 26 979    | 26 441            | 25 135    | 25 176    | 19 131    |
| 12 675    | 9 224     | 7 186             | 6 059     | 2 624     | 296       |
| 53        | 31        | 1 533             | 37        | 90        | 41        |
| 673       | 544       | 825               | 2 430     | 3 251     | 3 261     |
| 752 118   | 757 896   | 988 617           | 828 427   | 614 614   | 688 288   |
| 200 730   | 154 015   | 134 619           | 132 594   | 145 596   | 128 289   |
| 52 779    | 54 226    | 54 110            | 47 366    | 45 732    | 34 731    |
| 34 746    | 34 411    | 34 888            | 37 765    | 26 760    | 41 410    |
| 207       | 155       | 241               | 198       | 132       | 77        |
| 272 270   | 281 575   | 289 899           | 292 940   | 254 980   | 274 286   |
| 6 048     | 5 626     | 5 480             | 5 683     | 6 099     | 6 343     |
| 911 449   | 930 609   | 913 824           | 861 836   | 857 155   | 845 464   |
| 3 234     | 3 896     | 3 548             | 3 183     | 3 000     | 2 694     |
| 555 340   | 565 779   | 549 450           | 522 821   | 542 191   | 547 203   |
| 71 483    | 74 809    | 77 656            | 68 770    | 63 318    | 67 142    |
| 23 508    | 24 742    | 21 628            | 18 962    | 16 915    | 18 505    |
| 303 496   | 323 165   | 322 220           | 315 559   | 321 781   | 336 036   |
| 6 327     | 4 978     | 3 220             | 7 219     | 5 367     | 8 149     |
| 6 452 885 | 6 620 415 | 6 659 584         | 6 469 671 | 6 431 571 | 6 728 450 |
| 487 549   | 466 232   | 507 328           | 483 878   | 442 355   | 483 822   |

Table 113. Value of major

| Item                  | 2001        | 2002        | 2003        | 2004        |
|-----------------------|-------------|-------------|-------------|-------------|
| Total farm production | 352 689 979 | 350 477 906 | 357 884 755 | 386 444 326 |
| Crop production       | 160 758 570 | 151 853 269 | 147 274 670 | 162 300 578 |
| Paddy rice            | 32 828 360  | 32 018 299  | 28 341 530  | 27 510 620  |
| Coarse grain          | 7 369 671   | 8 081 184   | 7 530 270   | 7 778 155   |
| Feed corn             | 888 344     | 875 677     | 772 511     | 684 460     |
| Food corn             | 1 697 678   | 1 415 538   | 1 216 619   | 1 134 660   |
| Sweet potato          | 1 792 806   | 1 749 834   | 1 618 381   | 2 368 183   |
| Peanuts               | 2 366 889   | 3 330 545   | 3 276 397   | 2 971 116   |
| Sorghum               | 303 123     | 250 857     | 245 589     | 179 570     |
| Adzuki bean           | 245 606     | 392 570     | 329 547     | 374 576     |
| Soybeans              | 8 200       | 9 210       | 8 527       | 7 011       |
| Special crop          | 10 814 536  | 8 813 297   | 7 570 335   | 7 116 479   |
| Sugar-cane (refined)  | 2 579 280   | 1 644 143   | 1 205 967   | 923 837     |
| Sugar-cane (fresh)    | 1 349 716   | 1 042 779   | 766 880     | 543 014     |
| Tea                   | 3 570 596   | 3 051 794   | 2 997 869   | 3 028 748   |
| Tobacco               | 1 770 788   | 1 471 071   | 871 664     | 911 272     |
| Sesame                | 86 610      | 69 047      | 81 230      | 65 641      |
| Vegetables            | 36 762 852  | 35 323 408  | 34 643 006  | 40 728 442  |
| Radishes              | 1 186 108   | 1 130 256   | 805 093     | 887 448     |
| Scallion              | 1 557 459   | 1 511 228   | 1 724 735   | 2 338 144   |
| Garlic bulb           | 1 839 499   | 1 717 476   | 1 777 085   | 1 792 128   |
| Water-bamboo          | 1 294 546   | 909 642     | 1 137 506   | 1 295 269   |
| Bamboo shoot          | 3 520 248   | 3 405 703   | 3 278 519   | 3 258 146   |
| Cabbage               | 2 378 087   | 1 938 884   | 1 946 159   | 2 557 365   |
| Watermelon            | 4 291 062   | 4 560 040   | 3 359 187   | 3 306 918   |
| Cantaloupe            | 2 080 926   | 1 866 630   | 1 957 596   | 2 250 429   |
| Mildew                | 3 128 311   | 2 875 604   | 2 777 719   | 2 986 614   |
| Mushroom              | 160 334     | 148 674     | 146 504     | 253 934     |
| Shiitake              | 2 967 977   | 2 726 929   | 2 631 216   | 2 732 679   |
| Fruits                | 58 109 261  | 53 907 643  | 55 232 236  | 63 654 193  |
| Banana                | 2 456 687   | 2 491 734   | 2 027 628   | 3 015 618   |
| Pineapple             | 5 052 978   | 5 619 784   | 6 654 407   | 7 730 286   |
| Ponkan                | 2 182 427   | 1 902 869   | 1 791 283   | 2 222 145   |
| Wentan pomelo         | 1 513 146   | 1 191 677   | 1 284 345   | 1 498 255   |
| Liucheng              | 1 695 489   | 1 498 148   | 2 045 746   | 2 008 388   |
| Longan                | 2 259 139   | 2 163 039   | 2 355 206   | 2 687 361   |
| Mango                 | 4 640 673   | 4 480 693   | 4 961 546   | 5 903 157   |

Notes : Data do not include Kinmen County and Lienchiang County before 2009.



**agricultural production**

Thousand NT\$

| 2005        | 2006        | 2007 <sup>r</sup> | 2008        | 2009        | 2010        |
|-------------|-------------|-------------------|-------------|-------------|-------------|
| 382 726 113 | 376 993 825 | 389 129 225       | 417 500 509 | 407 169 198 | 426 299 775 |
| 162 630 935 | 172 691 533 | 168 368 459       | 179 108 002 | 178 817 249 | 188 796 791 |
| 28 139 682  | 29 379 921  | 26 091 341        | 31 362 747  | 33 775 015  | 30 355 766  |
| 7 458 138   | 7 998 832   | 6 274 954         | 7 307 213   | 7 566 855   | 8 471 371   |
| 627 307     | 560 363     | 508 274           | 559 343     | 689 718     | 518 262     |
| 1 201 570   | 1 133 884   | 1 110 750         | 1 171 698   | 1 138 524   | 1 031 716   |
| 2 599 989   | 2 441 407   | 2 000 871         | 2 553 790   | 2 336 188   | 2 384 772   |
| 2 478 388   | 3 324 721   | 2 101 358         | 2 464 073   | 2 762 760   | 3 467 744   |
| 116 553     | 66 252      | 68 525            | 35 442      | 10 073      | 108 680     |
| 371 663     | 411 847     | 426 942           | 460 430     | 567 899     | 737 962     |
| 5 328       | 4 672       | 3 687             | 3 517       | 5 489       | 5 092       |
| 7 420 437   | 8 117 544   | 7 879 550         | 8 284 282   | 8 416 737   | 10 537 316  |
| 655 805     | 576 237     | 554 713           | 546 763     | 585 018     | 794 306     |
| 674 735     | 677 675     | 531 977           | 501 659     | 476 754     | 408 093     |
| 3 760 540   | 4 352 679   | 4 499 869         | 4 844 785   | 4 906 438   | 6 410 527   |
| 455 254     | 370 599     | 299 736           | 321 918     | 378 684     | 354 166     |
| 67 901      | 87 654      | 53 449            | 81 771      | 168 784     | 152 833     |
| 42 625 447  | 44 027 684  | 46 971 791        | 48 514 048  | 47 568 073  | 51 087 595  |
| 979 684     | 841 687     | 942 273           | 949 756     | 731 414     | 746 634     |
| 4 749 871   | 4 256 938   | 3 720 957         | 4 044 663   | 2 895 013   | 2 946 943   |
| 1 529 610   | 1 972 940   | 2 126 233         | 2 111 081   | 2 231 998   | 3 144 130   |
| 1 488 546   | 1 427 278   | 1 660 924         | 1 851 783   | 1 823 683   | 1 948 911   |
| 3 213 410   | 4 230 301   | 5 950 859         | 6 223 127   | 6 904 640   | 7 725 999   |
| 2 845 032   | 3 082 021   | 3 489 946         | 3 374 816   | 3 289 823   | 3 097 297   |
| 2 443 611   | 2 481 386   | 2 649 278         | 2 540 941   | 2 437 337   | 2 485 170   |
| 1 728 389   | 1 913 219   | 1 368 948         | 1 346 172   | 1 131 789   | 1 234 681   |
| 2 857 846   | 2 980 841   | 3 191 408         | 3 662 672   | 3 542 048   | 4 090 987   |
| 276 326     | 264 410     | 279 738           | 276 568     | 292 353     | 245 638     |
| 2 581 519   | 2 716 432   | 2 911 670         | 3 386 104   | 3 249 695   | 3 845 349   |
| 62 300 900  | 67 665 646  | 65 595 349        | 68 146 840  | 65 707 329  | 70 969 743  |
| 3 271 740   | 3 749 844   | 3 299 602         | 4 536 205   | 4 400 020   | 3 978 714   |
| 7 697 767   | 8 356 999   | 6 675 357         | 6 498 808   | 6 238 070   | 7 042 078   |
| 2 003 960   | 2 268 213   | 2 023 342         | 2 114 469   | 2 061 756   | 2 190 094   |
| 1 850 496   | 1 986 418   | 1 857 819         | 1 633 471   | 1 936 130   | 2 202 493   |
| 1 977 240   | 2 168 139   | 2 015 906         | 2 287 126   | 2 315 485   | 2 012 233   |
| 2 816 447   | 2 875 406   | 2 769 603         | 3 169 370   | 2 663 917   | 2 533 998   |
| 6 074 843   | 6 400 061   | 6 792 447         | 6 626 867   | 5 064 466   | 5 032 899   |

Table 113. Value of major

| Item                     | 2001        | 2002        | 2003        | 2004        |
|--------------------------|-------------|-------------|-------------|-------------|
| Betel nuts               | 13 206 057  | 12 168 968  | 12 926 283  | 11 512 433  |
| Guava                    | 2 318 641   | 1 995 089   | 1 785 668   | 2 032 113   |
| Wax apple                | 2 238 010   | 1 950 244   | 2 038 477   | 2 094 944   |
| Grape                    | 2 380 484   | 2 396 205   | 2 505 728   | 2 956 107   |
| Plum                     | 784 162     | 653 961     | 590 314     | 661 555     |
| Japanese apricot         | 2 042 405   | 1 130 448   | 1 077 480   | 1 225 701   |
| Lichee                   | 1 424 801   | 1 417 568   | 1 719 070   | 2 221 825   |
| Pear                     | 3 318 648   | 3 442 795   | 3 236 646   | 4 058 360   |
| Papaya                   | 2 062 004   | 1 518 009   | 1 156 470   | 1 536 628   |
| Sugar apple              | 1 536 496   | 1 687 870   | 1 426 013   | 2 809 450   |
| Forestry                 | 597 494     | 862 545     | 579 935     | 523 844     |
| Timber                   | 107 238     | 146 377     | 99 768      | 123 024     |
| Saw-timber               | 96 031      | 140 223     | 78 091      | 108 046     |
| Firewood                 | 8 573       | 5 698       | 21 593      | 14 937      |
| Tree top wood            | 2 635       | 456         | 84          | 41          |
| Bamboo                   | 4 455       | 6 510       | 4 984       | 4 363       |
| Fishery                  | 90 128 416  | 92 562 606  | 97 437 860  | 98 700 494  |
| Deep-sea fishery         | 46 659 957  | 45 745 524  | 47 201 835  | 46 983 079  |
| Inshore fishery          | 12 193 237  | 12 385 929  | 12 628 769  | 13 397 416  |
| Coastal fishery          | 4 315 518   | 4 551 036   | 5 935 759   | 6 747 529   |
| Mariculture              | 3 343 174   | 3 611 131   | 4 343 792   | 3 326 110   |
| Inland water fishing     | 30 202      | 29 929      | 29 545      | 14 960      |
| Inland water aquaculture | 23 586 328  | 26 239 057  | 27 298 160  | 28 231 400  |
| Livestock                | 101 205 499 | 105 199 486 | 112 592 290 | 124 919 410 |
| Cattle                   | 714 835     | 918 814     | 1 329 068   | 1 413 148   |
| Hogs                     | 46 255 141  | 49 227 946  | 57 487 739  | 64 366 131  |
| Goats, sheep             | 799 200     | 919 004     | 995 632     | 1 211 393   |
| Chicken                  | 27 271 501  | 27 678 882  | 25 033 246  | 29 771 472  |
| Duck                     | 2 928 077   | 3 219 518   | 2 897 276   | 3 520 105   |
| Geese                    | 1 668 041   | 1 784 572   | 1 877 289   | 2 367 641   |
| Cow milk                 | 7 389 567   | 7 581 869   | 7 534 983   | 6 446 753   |
| Honey                    | 331 038     | 484 566     | 741 863     | 623 378     |
| Hen egg                  | 10 233 200  | 9 713 691   | 11 180 705  | 11 618 327  |
| Duck egg                 | 1 190 019   | 1 232 771   | 1 258 196   | 1 259 721   |

**agricultural production (continued)**

Thousand NT\$

| 2005        | 2006        | 2007 <sup>r</sup> | 2008        | 2009        | 2010        |
|-------------|-------------|-------------------|-------------|-------------|-------------|
| 10 080 945  | 9 838 625   | 8 599 766         | 8 651 698   | 8 387 007   | 8 288 370   |
| 2 098 646   | 2 416 396   | 2 225 783         | 2 778 974   | 2 739 882   | 3 273 377   |
| 2 702 705   | 2 270 869   | 2 664 019         | 2 492 179   | 1 802 354   | 2 876 325   |
| 2 538 435   | 3 833 885   | 3 738 353         | 3 809 507   | 4 311 093   | 4 414 535   |
| 598 640     | 512 783     | 542 430           | 690 034     | 572 463     | 571 004     |
| 813 996     | 904 343     | 818 730           | 799 320     | 761 501     | 873 141     |
| 2 274 826   | 2 581 886   | 2 941 758         | 2 896 173   | 3 113 723   | 2 987 310   |
| 3 904 824   | 4 033 099   | 4 700 904         | 4 822 569   | 5 079 179   | 6 120 022   |
| 1 486 386   | 2 094 379   | 1 951 197         | 2 358 977   | 2 187 968   | 2 883 879   |
| 2 531 049   | 2 720 159   | 2 916 713         | 2 879 343   | 2 885 177   | 2 762 431   |
| 614 203     | 518 773     | 492 622           | 445 114     | 416 165     | 390 062     |
| 175 359     | 227 971     | 104 457           | 109 667     | 90 733      | 61 622      |
| 155 110     | 213 967     | 90 830            | 100 653     | 86 923      | 61 174      |
| 20 168      | 13 957      | 11 262            | 8 956       | 3 665       | 381         |
| 81          | 47          | 2 364             | 59          | 145         | 67          |
| 5 247       | 4 241       | 6 514             | 19 925      | 26 336      | 26 742      |
| 92 811 267  | 85 658 209  | 95 578 086        | 91 843 193  | 85 901 383  | 92 499 034  |
| 43 602 060  | 41 419 202  | 48 659 903        | 43 706 858  | 39 926 218  | 43 319 996  |
| 12 634 600  | 9 679 224   | 8 602 557         | 9 376 801   | 10 738 745  | 8 924 129   |
| 5 295 572   | 5 931 433   | 5 478 128         | 5 069 824   | 5 325 900   | 3 596 694   |
| 3 980 526   | 4 063 897   | 4 587 107         | 4 300 366   | 2 802 461   | 5 953 314   |
| 13 538      | 7 709       | 14 838            | 16 123      | 7 887       | 5 591       |
| 27 284 971  | 24 556 743  | 28 235 553        | 29 373 221  | 27 100 173  | 30 699 310  |
| 126 669 708 | 118 125 310 | 124 690 058       | 146 104 200 | 142 034 401 | 144 613 887 |
| 1 688 140   | 1 574 074   | 1 597 305         | 1 398 365   | 1 457 356   | 1 590 984   |
| 58 811 138  | 55 476 552  | 57 003 312        | 68 596 020  | 65 897 983  | 70 701 364  |
| 1 239 851   | 1 162 570   | 836 828           | 875 185     | 838 216     | 951 360     |
| 34 014 012  | 30 508 520  | 32 825 003        | 37 727 084  | 36 900 515  | 36 078 371  |
| 5 090 467   | 4 691 446   | 5 082 438         | 5 470 791   | 5 281 557   | 5 344 711   |
| 2 037 340   | 1 870 766   | 1 903 568         | 2 201 904   | 1 920 401   | 2 056 010   |
| 6 030 475   | 6 637 805   | 7 024 399         | 7 121 227   | 7 304 434   | 8 138 802   |
| 822 464     | 647 088     | 418 661           | 613 615     | 456 195     | 682 650     |
| 13 099 355  | 12 174 944  | 14 184 915        | 18 179 776  | 18 329 978  | 15 340 866  |
| 1 452 895   | 1 193 555   | 1 567 644         | 1 804 865   | 1 627 866   | 1 577 260   |

**Table 114. Production and consumption**

| Item                     | 2001      | 2002      | 2003      | 2004      |
|--------------------------|-----------|-----------|-----------|-----------|
| Production, total        | 1 381 364 | 1 260 753 | 1 209 519 | 1 382 480 |
| Calcium superphosphate   | 258 121   | 201 319   | 184 361   | 165 036   |
| Ammonium sulphate        | 447 712   | 435 115   | 316 194   | 527 278   |
| Urea                     | -         | -         | -         | -         |
| Potassium chloride       | -         | -         | -         | -         |
| Calcium ammonium nitrate | 14 261    | 13 000    | 2 000     | -         |
| Combined fertilizers     | 575 904   | 527 253   | 604 547   | 610 114   |
| Others                   | 85 366    | 84 066    | 102 417   | 80 052    |
| Consumption, total       | 1 294 910 | 1 248 294 | 1 143 355 | 1 195 465 |
| Calcium superphosphate   | 164 316   | 143 076   | 135 470   | 117 192   |
| Ammonium sulphate        | 341 877   | 323 116   | 186 731   | 232 652   |
| Urea                     | 128 509   | 127 158   | 112 438   | 113 914   |
| Potassium chloride       | 58 300    | 50 775    | 38 702    | 43 180    |
| Calcium ammonium nitrate | 17 300    | 17 684    | 6 630     | 6 836     |
| Combined fertilizers     | 570 688   | 565 892   | 624 439   | 646 088   |
| Others                   | 13 920    | 20 593    | 38 945    | 35 603    |

**Table 115. Farm**

| Item                        | 2001    | 2002   | 2003    | 2004   |
|-----------------------------|---------|--------|---------|--------|
| Power tiller                | 53 988  | 50 495 | 49 864  | 46 547 |
| Tractor                     | 14 288  | 14 357 | 14 857  | 14 738 |
| Power rice trans-planter    | 25 019  | 23 361 | 23 497  | 21 724 |
| Power cultivated for paddy  | 39 040  | 34 493 | 35 056  | 42 839 |
| Power grass cutter          | 46 945  | 50 919 | 50 434  | 49 373 |
| Power sprayers              | 79 788  | 84 140 | 85 725  | 79 329 |
| High quality power sprayers | 26 874  | 26 364 | 26 713  | 29 422 |
| Water pump                  | 102 317 | 98 167 | 105 533 | 94 084 |
| Rice combiner               | 10 121  | 9 768  | 9 526   | 8 974  |
| Corn thresher               | 1 292   | 1 242  | 1 052   | 1 057  |
| Tractor mounted seeder      | 775     | 700    | 737     | 717    |
| Power tiller mounted seeder | 2 300   | 2 008  | 1 919   | 1 787  |
| Power agronomic transporter | 42 531  | 41 880 | 40 987  | 40 607 |
| Power tea harvester         | 6 314   | 4 807  | 5 839   | 5 859  |
| Tobacco drier               | 3 008   | 3 119  | 3 532   | 2 989  |
| Rice drier                  | 33 673  | 31 942 | 31 077  | 28 177 |
| Corn drier                  | 937     | 840    | 834     | 1 122  |

Notes : Data do not include Kinmen County and Lienchiang County before 2009.

**of chemical fertilizers**

Metric tons

| 2005      | 2006      | 2007      | 2008      | 2009 <sup>r</sup> | 2010      |
|-----------|-----------|-----------|-----------|-------------------|-----------|
| 1 405 632 | 1 443 570 | 1 416 520 | 1 426 451 | 1 326 038         | 1 352 858 |
| 169 934   | 200 885   | 186 290   | 264 616   | 160 778           | 201 276   |
| 531 237   | 493 177   | 496 472   | 456 271   | 445 372           | 501 210   |
| -         | -         | -         | -         | -                 | -         |
| -         | -         | -         | -         | -                 | -         |
| -         | -         | -         | -         | -                 | 282       |
| 625 743   | 648 804   | 629 109   | 589 092   | 643 528           | 534 644   |
| 78 718    | 100 704   | 104 649   | 116 472   | 76 360            | 115 446   |
| 1 141 483 | 1 159 310 | 1 137 444 | 1 013 714 | 1 042 231         | 1 030 819 |
| 105 458   | 120 807   | 113 453   | 85 924    | 76 868            | 74 283    |
| 240 192   | 218 215   | 226 243   | 185 123   | 195 301           | 180 802   |
| 84 968    | 81 093    | 78 358    | 77 478    | 75 636            | 73 420    |
| 29 833    | 31 842    | 30 969    | 27 629    | 30 244            | 30 210    |
| 6 360     | 8 606     | 6 691     | 2 591     | 1 019             | 523       |
| 636 019   | 677 338   | 659 178   | 627 140   | 652 013           | 661 124   |
| 38 653    | 21 409    | 22 552    | 7 829     | 11 150            | 10 457    |

**machine**

Numbers

| 2005    | 2006   | 2007   | 2008   | 2009   | 2010   |
|---------|--------|--------|--------|--------|--------|
| 44 321  | 42 770 | 40 997 | 33 379 | 31 773 | 31 266 |
| 15 043  | 15 778 | 15 624 | 15 444 | 15 231 | 16 415 |
| 19 488  | 19 174 | 17 683 | 15 166 | 14 619 | 14 545 |
| 33 879  | 33 853 | 33 250 | 32 029 | 27 853 | 28 002 |
| 48 570  | 48 864 | 47 353 | 47 225 | 41 370 | 41 663 |
| 82 622  | 78 674 | 76 043 | 73 587 | 69 380 | 55 306 |
| 25 260  | 25 671 | 26 419 | 25 784 | 23 734 | 19 919 |
| 102 167 | 90 531 | 90 635 | 83 822 | 70 747 | 91 927 |
| 8 401   | 9 422  | 8 030  | 7 190  | 6 547  | 6 060  |
| 980     | 1 534  | 1 032  | 648    | 379    | 318    |
| 748     | 813    | 890    | 725    | 689    | 797    |
| 1 897   | 1 978  | 1 784  | 1 339  | 761    | 920    |
| 38 621  | 38 537 | 39 037 | 38 353 | 35 196 | 29 864 |
| 6 105   | 5 733  | 4 332  | 4 343  | 3 850  | 4 611  |
| 2 296   | 3 344  | 2 743  | 1 333  | 2 945  | 1 562  |
| 25 729  | 26 127 | 26 211 | 18 520 | 12 939 | 9 525  |
| 1 138   | 878    | 948    | 910    | 910    | 975    |

Table 116. Agricultural household,

| Item   | 2001      | 2002      | 2003      | 2004      |
|--|-----------|-----------|-----------|-----------|
| Number of farm households  |           |           |           |           |
| by degree of engagement <sup>1</sup>                             | 745 812   | 748 317   | 755 454   | 759 716   |
| Full-time  | 148 245   | 164 414   | 207 739   | 186 869   |
| Part-time  | 597 567   | 583 903   | 547 715   | 572 847   |
| Full-owner farmers   | 611 382   | 613 269   | 642 649   | 643 731   |
| Part-owner farmers   | 89 974    | 88 812    | 75 580    | 80 992    |
| Tenants  | 39 674    | 41 533    | 32 168    | 30 037    |
| Non-tilling farmers  | 4 782     | 4 703     | 5 057     | 4 956     |
| Farm household population <sup>1</sup>                           | 3 782 682 | 3 782 489 | 3 528 331 | 3 392 676 |
| Number of fishery households <sup>2</sup>                        | 130 628   | 134 059   | 132 238   | 132 832   |
| Deep-sea   | 7 291     | 7 141     | 5 477     | 5 568     |
| Inshore  | 29 281    | 34 144    | 31 456    | 31 075    |
| Coastal  | 54 776    | 53 291    | 51 202    | 52 376    |
| Mariculture  | 5 439     | 5 498     | 4 206     | 6 334     |
| Inland water fishing   | 615       | 2 538     | 4 216     | 4 038     |
| Inland water culture   | 33 226    | 31 447    | 35 681    | 33 441    |
| Fishery household population <sup>2</sup>                        | 454 832   | 466 569   | 494 871   | 457 040   |
| Deep-sea   | 21 967    | 21 464    | 20 884    | 19 527    |
| Inshore  | 99 135    | 114 876   | 109 646   | 105 562   |
| Coastal  | 187 662   | 182 643   | 205 729   | 184 037   |
| Mariculture  | 22 875    | 23 458    | 22 095    | 23 590    |
| Inland water fishing   | 2 489     | 4 498     | 7 190     | 6 722     |
| Inland water culture   | 120 704   | 119 630   | 129 327   | 117 602   |
| Agricultural employed population <sup>1</sup><br>(1 000 persons) | 706       | 709       | 696       | 642       |
| Farming and hunting  | 648       | 646       | 629       | 588       |
| Forestry   | 5         | 5         | 5         | 4         |
| Fishery  | 52        | 59        | 62        | 50        |

Notes : <sup>1</sup>Data do not include Kinmen County and Lienchiang County<sup>2</sup>Data do not include Kinmen County and Lienchiang County before 2009

**population and employment**

Numbers

| 2005      | 2006      | 2007      | 2008      | 2009      | 2010    |
|-----------|-----------|-----------|-----------|-----------|---------|
| 767 316   | 756 366   | 751 338   | 748 276   | 744 147   | ...     |
| 166 056   | 166 439   | 161 817   | 162 880   | 163 239   | ...     |
| 601 260   | 589 927   | 589 521   | 585 396   | 580 908   | ...     |
| 671 740   | 655 830   | 648 813   | 644 901   | 631 880   | ...     |
| 52 517    | 60 211    | 74 789    | 70 777    | 80 359    | ...     |
| 39 074    | 36 412    | 23 835    | 28 668    | 27 977    | ...     |
| 3 985     | 3 913     | 3 901     | 3 930     | 3 931     | ...     |
| 3 400 036 | 3 232 592 | 3 050 483 | 3 027 627 | 2 983 560 | ...     |
| 131 020   | 125 328   | 123 807   | 132 648   | 130 231   | 132 870 |
| 5 767     | 5 898     | 5 896     | 5 498     | 5 367     | 5 255   |
| 31 569    | 28 119    | 27 313    | 28 476    | 25 246    | 23 313  |
| 52 892    | 51 996    | 50 009    | 61 754    | 60 099    | 65 258  |
| 6 790     | 5 812     | 5 992     | 5 481     | 5 724     | 6 116   |
| 2 287     | 2 461     | 3 664     | 3 683     | 4 170     | 4 291   |
| 31 715    | 31 042    | 30 933    | 27 756    | 29 625    | 28 637  |
| 445 693   | 421 253   | 415 706   | 396 147   | 402 695   | 395 321 |
| 20 972    | 21 369    | 21 356    | 20 629    | 20 034    | 19 490  |
| 102 077   | 89 796    | 83 429    | 84 192    | 75 179    | 67 615  |
| 176 713   | 176 029   | 175 379   | 180 262   | 187 593   | 193 473 |
| 25 711    | 22 834    | 22 281    | 22 912    | 23 191    | 23 900  |
| 7 201     | 6 842     | 6 869     | 6 881     | 7 239     | 7 298   |
| 113 019   | 104 383   | 106 392   | 81 271    | 89 459    | 83 545  |
| 591       | 555       | 543       | 535       | 543       | 550     |
| 535       | 500       | 497       | 478       | 484       | 497     |
| 5         | 5         | 5         | 5         | 5         | 5       |
| 51        | 50        | 41        | 52        | 54        | 48      |

Table 117. Available

| Item                                   | 1998    | 1999    | 2000 <sup>r</sup> | 2001 <sup>r</sup> | 2002 <sup>r</sup> |
|--|---------|---------|-------------------|-------------------|-------------------|
| Domestic production                    |         |         |                   |                   |                   |
| Cereals                                | 1 716.4 | 1 738.3 | 1 693.3           | 1 531.9           | 1 604.6           |
| Starchy roots                          | 229.8   | 260.4   | 248.7             | 232.6             | 251.8             |
| Sugars & honey                         | 334.9   | 298.9   | 281.1             | 202.8             | 186.2             |
| Pulses & oilseeds                      | 80.4    | 77.0    | 88.1              | 62.2              | 86.3              |
| Vegetables                             | 2 430.9 | 2 949.2 | 2 738.2           | 2 572.6           | 2 852.3           |
| Fruits                                 | 2 864.2 | 3 182.3 | 2 900.0           | 2 982.5           | 3 235.7           |
| Meat                                   | 1 667.3 | 1 593.9 | 1 695.0           | 1 708.4           | 1 680.2           |
| Eggs                                   | 430.2   | 434.5   | 433.8             | 437.1             | 422.3             |
| Fish & see food                        | 1 364.1 | 1 379.8 | 1 364.3           | 1 318.9           | 1 407.8           |
| Milk                                   | 371.3   | 370.1   | 388.1             | 371.5             | 380.9             |
| Oils & fats                            | 356.2   | 347.3   | 363.2             | 356.1             | 380.0             |
| Wine & beer (1 000 H.L.)               | 6 426.8 | 6 488.5 | 6 417.7           | 6 423.5           | 4 121.5           |
| Domestic supply                        |         |         |                   |                   |                   |
| Cereals                                | 8 072.4 | 7 932.3 | 8 080.3           | 8 000.1           | 7 863.5           |
| Starchy roots                          | 1 652.6 | 1 732.2 | 1 809.7           | 1 638.3           | 1 444.9           |
| Sugars & honey                         | 534.3   | 551.3   | 633.8             | 572.2             | 547.5             |
| Pulses & oilseeds                      | 2 373.2 | 2 349.7 | 2 434.4           | 2 353.0           | 2 559.4           |
| Vegetables                             | 2 547.4 | 3 042.0 | 2 846.4           | 2 734.4           | 3 039.0           |
| Fruits                                 | 3 282.1 | 3 626.8 | 3 357.5           | 3 328.2           | 3 648.7           |
| Meat                                   | 1 841.4 | 1 833.2 | 1 877.5           | 1 838.7           | 1 860.5           |
| Eggs                                   | 430.0   | 434.7   | 433.9             | 437.3             | 422.5             |
| Fish & sea food                        | 977.6   | 1 077.4 | 1 005.3           | 898.5             | 923.5             |
| Milk                                   | 509.1   | 508.2   | 525.9             | 507.7             | 527.9             |
| Oils & fats                            | 626.7   | 714.0   | 681.6             | 649.7             | 682.3             |
| Wine & beer (1 000 H.L.)               | 8 223.3 | 7 694.6 | 7 578.7           | 7 484.0           | 5 476.2           |
| Per capita daily nutrient availability |         |         |                   |                   |                   |
| Energy (Kcal.)                         | 2 973.6 | 3 048.2 | 3 021.9           | 2 880.1           | 2 934.6           |
| Protein (Gm.)                          | 95.9    | 98.0    | 96.7              | 92.4              | 95.3              |
| Fat (Gm.)                              | 121.0   | 127.1   | 123.7             | 117.2             | 124.5             |

Notes : Data do not include Kinmen County and Lienchiang County.



**food supplies**

1 000 metric tons

| 2003 <sup>r</sup> | 2004 <sup>r</sup> | 2005 <sup>r</sup> | 2006 <sup>r</sup> | 2007 <sup>r</sup> | 2008 <sup>r</sup> | 2009    |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------|
| 1 467.9           | 1 273.6           | 1 284.8           | 1 350.7           | 1 180.6           | 1 259.7           | 1 368.4 |
| 273.3             | 233.6             | 267.5             | 303.1             | 264.1             | 291.8             | 295.6   |
| 166.8             | 116.2             | 86.1              | 63.1              | 70.1              | 69.5              | 58.3    |
| 82.6              | 76.3              | 60.2              | 80.9              | 59.7              | 63.6              | 67.3    |
| 2 608.7           | 2 626.1           | 2 327.6           | 2 499.9           | 2 267.6           | 2 329.6           | 2 360.2 |
| 3 249.5           | 3 094.5           | 2 601.9           | 3 031.4           | 2 888.6           | 2 773.6           | 2 665.4 |
| 1 623.3           | 1 635.7           | 1 613.0           | 1 647.4           | 1 612.7           | 1 519.4           | 1 526.3 |
| 419.7             | 414.9             | 389.0             | 396.9             | 401.7             | 389.7             | 385.0   |
| 1 501.5           | 1 291.2           | 1 333.6           | 1 292.1           | 1 504.4           | 1 356.2           | 1 087.4 |
| 376.0             | 344.5             | 324.7             | 341.7             | 340.0             | 333.4             | 339.2   |
| 388.5             | 350.5             | 384.8             | 383.4             | 391.2             | 343.5             | 370.9   |
| 4 050.9           | 4 230.9           | 4 262.1           | 4 471.4           | 4 432.8           | 4 198.4           | 4 689.9 |
| 7 834.0           | 7 759.2           | 7 840.9           | 7 934.2           | 7 648.8           | 7 198.4           | 7 424.4 |
| 1 541.1           | 1 657.5           | 1 587.4           | 1 742.8           | 1 689.7           | 1 757.6           | 1 701.9 |
| 603.8             | 555.8             | 595.2             | 554.8             | 551.4             | 559.9             | 583.1   |
| 2 636.4           | 2 345.2           | 2 603.5           | 2 597.5           | 2 649.1           | 2 303.7           | 2 486.1 |
| 2 821.8           | 2 835.8           | 2 632.7           | 2 804.1           | 2 639.3           | 2 632.3           | 2 651.9 |
| 3 583.9           | 3 478.6           | 3 105.3           | 3 442.6           | 3 268.1           | 3 193.5           | 3 038.1 |
| 1 856.4           | 1 892.5           | 1 875.6           | 1 926.8           | 1 825.9           | 1 783.7           | 1 816.1 |
| 419.8             | 414.4             | 388.9             | 397.0             | 401.2             | 388.8             | 384.7   |
| 1 021.7           | 827.6             | 786.4             | 734.3             | 942.2             | 895.4             | 767.8   |
| 517.2             | 489.0             | 460.7             | 480.0             | 470.5             | 438.5             | 466.3   |
| 696.0             | 694.0             | 764.7             | 697.3             | 709.4             | 637.9             | 667.1   |
| 5 478.9           | 5 400.8           | 5 120.1           | 5 916.4           | 5 805.0           | 5 623.7           | 5 920.7 |
| 2 976.8           | 2 891.5           | 2 949.9           | 2 880.2           | 2 855.6           | 2 654.8           | 2 766.9 |
| 96.5              | 92.1              | 91.6              | 92.0              | 92.4              | 84.8              | 87.6    |
| 124.9             | 120.1             | 126.8             | 118.7             | 119.1             | 108.0             | 111.8   |

Table 118. Cultivated, forest and aquaculture land areas

Hectares

| End of Year | Cultivated land <sup>1</sup> |             |                 |                 |              | Forest land area | Aquaculture area <sup>2</sup> |
|-------------|------------------------------|-------------|-----------------|-----------------|--------------|------------------|-------------------------------|
|             | Total                        | Paddy field |                 |                 | Upland field |                  |                               |
|             |                              | Sub-total   | Double-cropping | Single-cropping |              |                  |                               |
| 1981        | 900 062                      | 502 822     | 354 036         | 148 786         | 397 240      | 1 865 141        | 44 600                        |
| 1982        | 890 830                      | 501 644     | 363 286         | 138 358         | 389 186      | 1 865 141        | 46 490                        |
| 1983        | 894 326                      | 500 901     | 352 818         | 148 083         | 393 425      | 1 865 141        | 48 666                        |
| 1984        | 891 655                      | 496 897     | 347 804         | 149 093         | 394 758      | 1 865 141        | 47 988                        |
| 1985        | 887 660                      | 494 535     | 346 362         | 148 173         | 393 125      | 1 865 141        | 48 002                        |
| 1986        | 887 451                      | 494 579     | 346 342         | 148 237         | 392 872      | 1 865 141        | 50 393                        |
| 1987        | 886 281                      | 487 809     | 345 281         | 142 528         | 398 472      | 1 865 141        | 52 668                        |
| 1988        | 894 974                      | 483 514     | 344 084         | 139 430         | 411 460      | 1 865 141        | 53 576                        |
| 1989        | 894 601                      | 479 954     | 340 359         | 139 595         | 414 647      | 1 865 141        | 54 957                        |
| 1990        | 890 090                      | 476 997     | 340 954         | 136 043         | 413 093      | 1 865 141        | 58 345                        |
| 1991        | 884 443                      | 472 759     | 333 448         | 139 311         | 411 684      | 1 846 970        | 58 325                        |
| 1992        | 875 951                      | 465 016     | 328 152         | 136 864         | 410 935      | 1 846 970        | 58 286                        |
| 1993        | 874 535                      | 463 560     | 329 660         | 133 900         | 410 975      | 1 866 208        | 56 526                        |
| 1994        | 872 307                      | 461 226     | 329 227         | 131 999         | 411 081      | 2 102 312        | 55 178                        |
| 1995        | 873 378                      | 459 335     | 329 106         | 130 229         | 414 043      | 2 102 312        | 55 868                        |
| 1996        | 872 159                      | 456 167     | 328 134         | 128 034         | 415 992      | 2 101 719        | 52 217                        |
| 1997        | 864 817                      | 454 865     | 324 867         | 129 998         | 409 952      | 2 101 719        | 48 501                        |
| 1998        | 858 756                      | 450 616     | 322 973         | 127 643         | 408 139      | 2 101 719        | 49 087                        |
| 1999        | 855 072                      | 444 456     | 321 139         | 123 317         | 410 616      | 2 101 719        | 48 211                        |
| 2000        | 851 495                      | 442 005     | 317 495         | 124 510         | 409 489      | 2 101 719        | 47 882                        |
| 2001        | 848 743                      | 438 974     | 315 544         | 123 430         | 409 769      | 2 101 719        | 45 153                        |
| 2002        | 847 334                      | 435 369     | 314 116         | 121 253         | 411 965      | 2 101 719        | 44 667                        |
| 2003        | 844 097                      | 432 949     | 319 021         | 113 928         | 411 148      | 2 101 719        | 45 562                        |
| 2004        | 835 507                      | 427 592     | 328 713         | 98 879          | 407 915      | 2 101 719        | 42 334                        |
| 2005        | 833 176                      | 425 667     | 328 836         | 96 831          | 407 510      | 2 101 719        | 41 718                        |
| 2006        | 829 527                      | 423 721     | 328 473         | 95 248          | 405 806      | 2 101 719        | 43 163                        |
| 2007        | 825 947                      | 422 177     | 327 552         | 94 625          | 403 769      | 2 101 719        | 41 574                        |
| 2008        | 822 364                      | 420 580     | 327 728         | 92 851          | 401 784      | 2 101 719        | 43 255                        |
| 2009 r      | 815 462                      | 415 776     | 329 592         | 86 184          | 399 686      | 2 101 719        | 40 195                        |
| 2010        | 813 126                      | 410 832     | 322 448         | 88 384          | 402 293      | 2 101 719        | 40 206                        |

Notes : <sup>1</sup>Cultivated land refers to land under temporary and permanent crops, and can be classified paddy field and upland field. It includes all registered land and non-registered land of river alluvial land, tidal land, slop land, and virgin field which are used for cultivation.

<sup>2</sup>Aquaculture area refers to inland water culture area.

Data do not include Kinmen County and Lienchiang County.

## INDUSTRY

This chapter is concerned with statistical data on industries and energy. Data on industrial production and industrial production indices are obtained from statistical results of the monthly industrial production, shipment and inventory survey issued in the *Yearbook of Industrial Production Statistics, Taiwan Area, the Republic of China* published by the Department of Statistics, Ministry of Economic Affairs. Statistics on energy demand and supply mainly come from the official statistics printed in the yearbook of *Taiwan Energy Statistics* published by the Bureau of Energy, the Ministry of Economic Affairs. Data on construction of building are excerpted from the *Statistical Yearbook of Construction and Planning* published by the Ministry of the Interior.

The industrial production, shipment and inventory survey is conducted once a month, and its scope covers the five industrial sectors in Taiwan area, i.e. mining and quarrying, manufacturing, electricity & gas supply, water supply and building construction industries. Objects of the survey are enterprises selected from the *Factory Registration Update Survey*. Different sampling sizes are applied to different industries. Mining and quarrying, water supply, building construction and public enterprises sectors are all subject to survey. Other sectors are partly selected as samples for survey by way of “cut-off sampling”. Samples covered by the survey totaled 8,000 enterprises, accounting for 10.6% of the population (or 15.5% of the population excluding firms having employees less than 5 people). Different objects are subject to different survey methods. The data source of mining and quarrying major division is from the Bureau of Mines, Ministry of Economic Affairs. The building construction major division uses the data of “total floor area of occupancy permit” published by Construction and Planning Agency Ministry of the Interior. Public and private enterprises as well as business operators of electricity & gas supply and water supply are required to fill out the survey questionnaires by themselves. The Department of Statistics, Ministry of Economic Affairs is also designated to communicate with surveyed factories and ensure their reporting in time. In addition, the auxiliary methods are Internet submitting and double-checking over the completed forms by on-the-spot specialists. This survey has secured a response rate over 95%. The industrial production index is calculated by Laspeyres formula and from the production weighted by unit net value of selected products; the net values are obtained from the *Factory Registration Update Survey* conducted in 2005.

On the front of energy statistics, the data has been compiled according to the new format Energy Balances. The heating value of electricity is based on the average efficiency of thermal power. Some international organizations, however, have set 860 Kcal/KWh as the heating value of electricity consumption. A companion volume, the *Energy Balances in Taiwan, Republic of China*, presents energy data in comprehensive balances on the same heating value basis for the purpose of international comparison.

Table 119. Indices of

2006 = 100

| Item                                      | 1998   | 1999   | 2000   | 2001   | 2002   |
|---|--------|--------|--------|--------|--------|
| General                                   | 68.47  | 73.51  | 78.44  | 71.84  | 77.20  |
| Mining & quarrying                        | 141.44 | 130.09 | 119.10 | 119.99 | 130.13 |
| Crude petroleum & natural gas extraction  | 187.40 | 184.38 | 160.83 | 183.28 | 189.06 |
| Sand, stone & clay quarrying              | 130.69 | 112.74 | 106.86 | 97.22  | 110.25 |
| Other mining & quarrying                  | 44.93  | 52.55  | 52.51  | 61.04  | 61.43  |
| Manufacturing                             | 66.51  | 71.69  | 77.31  | 70.34  | 76.62  |
| Food                                      | 103.63 | 102.30 | 107.00 | 107.05 | 104.44 |
| Beverages                                 | 129.84 | 134.11 | 130.69 | 130.02 | 96.04  |
| Tobacco                                   | 153.94 | 140.21 | 129.91 | 137.07 | 119.54 |
| Textile mills                             | 133.91 | 139.37 | 140.92 | 124.82 | 121.52 |
| Wearing apparel & clothing accessories    | 285.81 | 270.97 | 240.90 | 183.88 | 161.48 |
| Leather, fur & related products           | 168.76 | 157.46 | 147.27 | 115.05 | 119.75 |
| Wood & bamboo products                    | 193.02 | 182.13 | 167.54 | 154.14 | 129.65 |
| Pulp, paper & paper products              | 91.37  | 94.64  | 96.89  | 88.54  | 93.42  |
| Printing & reproduction of recorded media | 70.10  | 69.17  | 73.81  | 72.15  | 72.82  |
| Petroleum & coal products                 | 50.65  | 54.99  | 58.37  | 66.67  | 75.25  |
| Chemical material                         | 61.99  | 67.94  | 72.47  | 78.13  | 85.18  |
| Chemical products                         | 90.24  | 93.72  | 96.15  | 85.41  | 89.91  |
| Medical goods                             | 90.26  | 93.75  | 95.42  | 92.20  | 88.53  |
| Rubber products                           | 94.74  | 93.46  | 90.55  | 81.65  | 91.63  |
| Plastic products                          | 106.92 | 114.54 | 115.12 | 105.82 | 109.63 |
| Non-metallic mineral products             | 102.75 | 98.87  | 99.50  | 91.27  | 95.83  |
| Basic metal                               | 79.24  | 85.25  | 88.21  | 80.01  | 88.72  |
| Fabricated metal products                 | 106.92 | 112.16 | 110.94 | 94.70  | 97.87  |
| Electronic parts & components             | 27.55  | 33.30  | 42.99  | 34.58  | 42.69  |
| Computers, electronic & optical products  | 66.65  | 74.11  | 85.23  | 85.72  | 92.18  |
| Electrical equipment                      | 105.68 | 124.38 | 121.38 | 101.23 | 111.12 |
| Machinery & equipment                     | 70.86  | 74.45  | 79.56  | 66.28  | 71.88  |
| Motor vehicles & parts                    | 87.95  | 80.11  | 84.72  | 71.35  | 88.40  |
| Other transport equipment                 | 89.06  | 82.91  | 83.03  | 71.99  | 75.04  |
| Furniture                                 | 175.20 | 185.17 | 191.44 | 131.13 | 109.95 |
| Manufacturing not elsewhere classified    | 104.90 | 103.58 | 107.97 | 94.50  | 98.48  |
| Electricity and gas supply                | 74.89  | 77.34  | 82.42  | 83.02  | 86.99  |
| Water supply                              | 82.47  | 85.97  | 98.01  | 100.16 | 94.94  |
| Buildings construction                    | 112.45 | 119.88 | 102.32 | 90.87  | 72.10  |

## industrial production

| 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 84.22  | 92.05  | 95.51  | 100.00 | 107.77 | 105.85 | 97.30  | 123.50 |
| 120.88 | 116.20 | 105.28 | 100.00 | 82.96  | 79.07  | 72.43  | 83.25  |
| 179.76 | 165.83 | 119.47 | 100.00 | 89.27  | 76.72  | 75.33  | 62.55  |
| 100.00 | 98.54  | 100.11 | 100.00 | 80.43  | 79.61  | 70.99  | 90.56  |
| 68.87  | 88.55  | 109.16 | 100.00 | 109.31 | 110.95 | 112.83 | 100.04 |
| 83.94  | 92.31  | 95.69  | 100.00 | 108.34 | 106.65 | 98.15  | 126.22 |
| 103.08 | 100.36 | 101.09 | 100.00 | 100.71 | 98.15  | 97.48  | 100.82 |
| 99.55  | 97.28  | 98.96  | 100.00 | 99.14  | 99.01  | 106.61 | 112.57 |
| 126.38 | 100.50 | 106.17 | 100.00 | 105.56 | 108.30 | 114.20 | 118.08 |
| 115.79 | 118.46 | 103.60 | 100.00 | 99.30  | 87.87  | 76.53  | 88.51  |
| 143.89 | 132.37 | 110.98 | 100.00 | 89.42  | 72.49  | 56.21  | 62.00  |
| 116.31 | 118.54 | 114.07 | 100.00 | 88.58  | 79.30  | 70.87  | 77.53  |
| 118.82 | 113.73 | 102.81 | 100.00 | 89.26  | 78.98  | 63.80  | 71.18  |
| 102.11 | 105.67 | 104.06 | 100.00 | 101.45 | 95.99  | 88.27  | 95.20  |
| 84.56  | 95.10  | 102.67 | 100.00 | 99.74  | 99.32  | 88.82  | 97.20  |
| 86.96  | 101.90 | 106.01 | 100.00 | 101.32 | 92.13  | 92.01  | 90.76  |
| 92.40  | 98.56  | 98.07  | 100.00 | 112.04 | 103.14 | 109.00 | 121.12 |
| 93.11  | 101.21 | 96.48  | 100.00 | 101.19 | 91.87  | 88.36  | 105.78 |
| 95.53  | 102.11 | 100.62 | 100.00 | 107.96 | 109.50 | 113.97 | 117.42 |
| 98.90  | 107.34 | 102.46 | 100.00 | 104.40 | 101.20 | 85.39  | 107.18 |
| 110.88 | 113.58 | 106.99 | 100.00 | 99.30  | 89.98  | 76.83  | 87.79  |
| 98.40  | 101.98 | 101.01 | 100.00 | 97.81  | 90.17  | 78.19  | 92.82  |
| 92.60  | 97.63  | 93.42  | 100.00 | 100.46 | 91.42  | 79.62  | 102.29 |
| 99.10  | 102.36 | 99.05  | 100.00 | 98.87  | 94.06  | 72.26  | 91.68  |
| 53.32  | 64.30  | 81.41  | 100.00 | 123.52 | 134.87 | 131.92 | 189.97 |
| 98.20  | 101.01 | 103.02 | 100.00 | 107.89 | 109.79 | 94.09  | 120.26 |
| 116.14 | 118.94 | 109.29 | 100.00 | 92.37  | 87.35  | 71.31  | 86.70  |
| 79.82  | 91.83  | 95.46  | 100.00 | 107.80 | 100.53 | 68.63  | 110.63 |
| 101.48 | 118.06 | 122.26 | 100.00 | 97.49  | 79.07  | 78.73  | 100.94 |
| 77.95  | 95.04  | 102.96 | 100.00 | 107.35 | 117.18 | 88.41  | 97.93  |
| 97.73  | 103.68 | 100.10 | 100.00 | 104.11 | 96.86  | 77.87  | 90.31  |
| 100.59 | 103.41 | 103.41 | 100.00 | 102.56 | 99.71  | 89.77  | 106.62 |
| 90.71  | 93.74  | 97.72  | 100.00 | 102.97 | 101.11 | 97.83  | 102.81 |
| 97.00  | 96.72  | 97.25  | 100.00 | 100.29 | 98.50  | 96.26  | 97.56  |
| 78.60  | 82.36  | 91.73  | 100.00 | 99.52  | 90.30  | 73.07  | 65.90  |

Table 120. Indices of

2006 = 100

| Item                              | 1998   | 1999   | 2000   | 2001   | 2002   |
|-----------------------------------|--------|--------|--------|--------|--------|
| Index of manufacturing production | 66.51  | 71.69  | 77.31  | 70.34  | 76.62  |
| By four industries                |        |        |        |        |        |
| Metal & machinery industry        | 85.76  | 88.36  | 90.72  | 78.29  | 85.23  |
| Information & electronic industry | 40.20  | 47.02  | 56.59  | 48.64  | 56.91  |
| Chemistry industry                | 68.80  | 73.35  | 76.21  | 77.99  | 84.53  |
| Food, textile & other industry    | 120.22 | 120.96 | 122.18 | 111.84 | 107.63 |
| By public or private industries   |        |        |        |        |        |
| Public industry                   | 93.98  | 98.14  | 94.74  | 93.20  | 85.64  |
| Private industry                  | 64.93  | 70.13  | 76.41  | 69.02  | 76.31  |
| By heavy or light industries      |        |        |        |        |        |
| Light industry                    | 115.79 | 116.80 | 117.47 | 106.19 | 104.26 |
| Heavy industry                    | 55.65  | 61.49  | 68.23  | 62.23  | 70.37  |
| By usage                          |        |        |        |        |        |
| Final demand goods                | 90.78  | 94.98  | 99.05  | 90.59  | 92.99  |
| Investment goods                  | 82.12  | 89.99  | 94.04  | 85.29  | 88.66  |
| Capital goods                     | 76.64  | 87.06  | 92.70  | 85.11  | 87.31  |
| Construction materials            | 105.00 | 100.31 | 98.49  | 85.50  | 93.17  |
| Consumer goods                    | 98.35  | 98.54  | 102.63 | 94.36  | 96.10  |
| Durable goods                     | 91.01  | 90.47  | 96.30  | 80.87  | 92.46  |
| Non-durable goods                 | 100.38 | 100.85 | 104.38 | 98.44  | 97.00  |
| Producer goods                    | 56.39  | 61.95  | 68.21  | 61.86  | 69.75  |
| For mining & Mfg. goods           | 57.96  | 63.82  | 70.75  | 62.32  | 70.18  |
| Other producer goods              | 50.73  | 54.03  | 55.65  | 65.00  | 73.91  |
| By intensities                    |        |        |        |        |        |
| Labor                             |        |        |        |        |        |
| High intensity                    | 81.29  | 87.71  | 91.10  | 77.60  | 83.85  |
| Medium intensity                  | 51.36  | 57.52  | 61.43  | 55.87  | 63.53  |
| Low intensity                     | 63.78  | 67.00  | 76.33  | 74.83  | 79.82  |
| Capital                           |        |        |        |        |        |
| High intensity                    | 56.21  | 58.67  | 65.14  | 62.74  | 69.46  |
| Medium intensity                  | 75.42  | 84.05  | 89.23  | 77.96  | 84.35  |
| Low intensity                     | 107.62 | 111.28 | 113.65 | 95.87  | 98.63  |
| Energy                            |        |        |        |        |        |
| High intensity                    | 74.42  | 79.12  | 83.02  | 78.62  | 85.36  |
| Medium intensity                  | 61.29  | 63.95  | 67.54  | 57.41  | 63.51  |
| Low intensity                     | 62.85  | 70.04  | 78.54  | 72.22  | 78.10  |
| Human capital                     |        |        |        |        |        |
| High intensity                    | 44.82  | 49.99  | 57.13  | 53.65  | 60.85  |
| Medium intensity                  | 86.86  | 92.41  | 96.19  | 85.63  | 90.92  |
| Low intensity                     | 126.63 | 127.53 | 126.74 | 110.02 | 110.66 |
| Index of producer's shipments     | 68.80  | 73.13  | 78.57  | 71.10  | 76.76  |
| Index of producer's inventory     | 89.16  | 86.27  | 90.95  | 96.30  | 88.37  |

## manufacturing production

| 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 83.94  | 92.31  | 95.69  | 100.00 | 108.34 | 106.65 | 98.15  | 126.22 |
| 90.45  | 99.13  | 98.24  | 100.00 | 101.78 | 94.42  | 76.43  | 101.30 |
| 66.86  | 76.42  | 88.16  | 100.00 | 117.66 | 125.68 | 119.05 | 166.99 |
| 92.60  | 101.91 | 101.02 | 100.00 | 106.37 | 98.44  | 98.01  | 108.21 |
| 105.98 | 105.82 | 102.22 | 100.00 | 99.68  | 93.90  | 87.35  | 96.73  |
| 93.94  | 104.66 | 106.76 | 100.00 | 100.35 | 93.03  | 92.69  | 91.41  |
| 83.60  | 91.83  | 95.26  | 100.00 | 108.65 | 107.17 | 98.36  | 127.57 |
| 104.82 | 107.10 | 103.43 | 100.00 | 99.67  | 94.10  | 86.36  | 96.14  |
| 79.24  | 88.99  | 93.95  | 100.00 | 110.28 | 109.46 | 100.80 | 132.97 |
| 96.86  | 102.45 | 102.46 | 100.00 | 101.60 | 97.40  | 84.71  | 102.12 |
| 89.49  | 97.14  | 97.49  | 100.00 | 106.11 | 103.32 | 85.13  | 109.91 |
| 89.37  | 96.31  | 97.17  | 100.00 | 110.46 | 109.78 | 89.14  | 118.95 |
| 89.46  | 99.73  | 98.47  | 100.00 | 92.64  | 83.32  | 72.71  | 81.91  |
| 102.02 | 106.24 | 106.00 | 100.00 | 98.38  | 93.17  | 84.40  | 96.56  |
| 108.08 | 117.89 | 119.87 | 100.00 | 92.40  | 85.37  | 69.12  | 91.62  |
| 99.78  | 102.18 | 101.17 | 100.00 | 100.47 | 95.89  | 89.74  | 98.28  |
| 78.51  | 88.03  | 92.83  | 100.00 | 111.18 | 110.55 | 103.82 | 136.39 |
| 78.75  | 87.61  | 92.49  | 100.00 | 111.36 | 110.83 | 103.82 | 137.54 |
| 85.19  | 100.91 | 103.16 | 100.00 | 105.59 | 102.11 | 103.88 | 101.32 |
| 93.02  | 103.00 | 101.94 | 100.00 | 101.32 | 97.33  | 81.26  | 104.57 |
| 70.36  | 79.98  | 89.54  | 100.00 | 116.23 | 119.15 | 116.48 | 152.34 |
| 85.62  | 91.12  | 94.29  | 100.00 | 109.25 | 106.54 | 100.79 | 127.89 |
| 76.59  | 85.77  | 91.58  | 100.00 | 112.00 | 111.90 | 107.48 | 138.70 |
| 92.61  | 100.78 | 101.13 | 100.00 | 103.88 | 100.11 | 85.94  | 110.68 |
| 102.37 | 106.56 | 102.75 | 100.00 | 96.07  | 91.33  | 79.87  | 90.12  |
| 93.17  | 99.70  | 97.95  | 100.00 | 103.45 | 95.44  | 89.88  | 106.44 |
| 71.47  | 82.16  | 89.29  | 100.00 | 111.04 | 111.66 | 102.47 | 135.97 |
| 84.32  | 92.07  | 98.03  | 100.00 | 111.44 | 114.63 | 103.58 | 139.64 |
| 69.39  | 80.14  | 90.65  | 100.00 | 115.27 | 119.17 | 112.66 | 152.00 |
| 97.07  | 101.87 | 99.62  | 100.00 | 102.60 | 96.46  | 85.85  | 104.95 |
| 110.33 | 111.90 | 104.11 | 100.00 | 100.66 | 90.68  | 85.74  | 96.98  |
| 82.62  | 90.28  | 95.77  | 100.00 | 107.88 | 105.79 | 100.75 | 123.62 |
| 89.50  | 93.27  | 100.79 | 100.00 | 101.05 | 110.83 | 103.65 | 107.36 |

Table 121. Production of major

| Item                               | Unit                  | 2001       | 2002       | 2003       |
|------------------------------------|-----------------------|------------|------------|------------|
| Frozen meat & frozen prepared food | M.T.                  | 371 279    | 387 198    | 379 327    |
| Prepared animal feeds              | M.T.                  | 5 455 667  | 5 336 389  | 5 311 748  |
| Wine & liquor (excl. beer)         | H.L.                  | 2 482 423  | 562 252    | 482 489    |
| Fruit & vegetable juice            | 1 000 L               | 334 941    | 369 307    | 364 924    |
| Carbonated beverage                | 1 000 L               | 442 241    | 429 455    | 436 088    |
| Man-made fiber spun yarn           | M.T.                  | 360 349    | 316 039    | 308 790    |
| Cotton fabrics                     | 1 000 M <sup>2</sup>  | 831 566    | 793 071    | 659 143    |
| Polyester textured yarn fabrics    | 1 000 M <sup>2</sup>  | 1 986 054  | 1 860 517  | 1 736 776  |
| Non-woven fabrics                  | M.T.                  | 160 404    | 161 173    | 162 122    |
| Paper board                        | M.T.                  | 2 590 530  | 3 235 255  | 3 403 838  |
| Toilet soap                        | M.T.                  | 7 469      | 6 951      | 7 530      |
| Synthetic detergent                | M.T.                  | 86 922     | 85 132     | 95 346     |
| Automobile tire                    | 1 000 Pcs.            | 16 790     | 19 179     | 22 275     |
| Sheet glass                        | M.T.                  | 375 561    | 403 302    | 412 100    |
| Ceramic tiles                      | 1 000 M <sup>2</sup>  | 47 260     | 39 598     | 46 108     |
| Cement                             | M.T.                  | 18 127 570 | 19 362 884 | 18 474 193 |
| Steel bloom & billet               | M.T.                  | 16 642 706 | 17 698 119 | 18 304 266 |
| Re-bar                             | M.T.                  | 6 283 554  | 7 274 269  | 6 242 350  |
| Aluminium & aluminium alloy ingots | M.T.                  | 203 944    | 225 264    | 224 497    |
| IC manufacturing                   | 1 000 Pcs.            | 2 263 407  | 2 298 908  | 2 492 403  |
| Printed circuit board              | 1 000 Ft <sup>2</sup> | 382 152    | 480 160    | 562 183    |
| Light emitting diode               | 1 000 Pcs.            | 1 955 309  | 5 186 585  | 6 276 806  |
| Portable computer                  | Sets                  | 14 130 083 | 14 346 492 | 10 344 208 |
| LCD displays                       | Sets                  | 5 129 037  | 4 540 774  | 3 968 856  |
| Telephone set                      | Sets                  | 1 910 975  | 1 078 593  | 1 228 224  |
| Refrigerator for household use     | Sets                  | 420 460    | 493 565    | 561 693    |
| Washing machine                    | Sets                  | 261 903    | 296 805    | 312 955    |
| Electric fan                       | Sets                  | 15 644 262 | 14 582 878 | 12 868 315 |
| NC lathe & general lathe           | Sets                  | 10 290     | 12 601     | 16 970     |
| Milling machine                    | Sets                  | 16 594     | 12 830     | 14 330     |
| Sawing machine                     | Sets                  | 34 799     | 46 204     | 53 475     |
| Press machine                      | Sets                  | 4 625      | 6 047      | 7 199      |
| Sewing machines                    | Sets                  | 2 542 874  | 2 328 861  | 2 000 906  |
| Passenger car                      | Sets                  | 197 657    | 253 482    | 318 885    |
| Truck, bus & commercial van        | Sets                  | 69 490     | 73 863     | 70 000     |
| Engine & parts for motor vehicles  | Million NT\$          | 10 357     | 11 773     | 11 871     |
| Bicycle                            | Sets                  | 4 746 535  | 4 674 604  | 4 615 954  |
| Wood furniture & fixtures          | Million NT\$          | 13 139     | 11 219     | 9 375      |
| Golf equipment                     | Million NT\$          | 13 079     | 13 079     | 13 084     |
| Toy & doll                         | Million NT\$          | 9 472      | 8 825      | 9 083      |



## manufactured goods

| 2004       | 2005 <sup>r</sup> | 2006 <sup>r</sup> | 2007 <sup>r</sup> | 2008 <sup>r</sup> | 2009 <sup>r</sup> | 2010       |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------|
| 375 761    | 431 292           | 438 974           | 454 385           | 437 622           | 467 634           | 469 107    |
| 5 188 385  | 5 218 070         | 5 182 519         | 5 108 919         | 5 164 524         | 5 230 210         | 5 259 369  |
| 447 568    | 397 992           | 371 752           | 367 976           | 361 572           | 625 498           | 825 660    |
| 349 837    | 330 914           | 307 959           | 313 039           | 360 888           | 378 463           | 344 007    |
| 383 264    | 383 796           | 344 789           | 302 869           | 284 024           | 310 554           | 297 099    |
| 279 786    | 237 378           | 208 341           | 223 596           | 185 114           | 153 436           | 161 880    |
| 650 749    | 508 877           | 459 790           | 417 518           | 350 019           | 246 218           | 270 456    |
| 1 631 021  | 1 380 857         | 1 217 876         | 1 394 570         | 1 185 295         | 1 059 634         | 1 174 223  |
| 161 325    | 149 264           | 153 769           | 145 622           | 155 042           | 148 238           | 170 756    |
| 3 554 986  | 3 377 999         | 3 350 646         | 3 406 476         | 2 909 620         | 2 775 312         | 2 850 379  |
| 8 227      | 6 802             | 6 555             | 5 879             | 5 481             | 5 863             | 6 001      |
| 111 352    | 115 504           | 119 001           | 123 785           | 118 521           | 112 724           | 114 157    |
| 23 451     | 23 225            | 22 316            | 23 592            | 21 361            | 19 254            | 24 497     |
| 458 020    | 483 885           | 509 359           | 632 188           | 577 134           | 378 534           | 478 733    |
| 52 299     | 53 085            | 52 889            | 49 056            | 39 380            | 31 192            | 35 800     |
| 19 049 935 | 19 890 989        | 19 293 803        | 18 957 336        | 17 330 277        | 15 918 474        | 16 300 989 |
| 18 656 228 | 17 738 265        | 19 423 355        | 19 838 659        | 19 222 129        | 15 566 423        | 20 498 146 |
| 6 586 521  | 6 800 478         | 7 408 582         | 6 211 221         | 5 184 423         | 4 524 761         | 5 279 131  |
| 274 653    | 250 717           | 250 592           | 277 886           | 261 277           | 248 684           | 289 623    |
| 2 832 420  | 2 988 512         | 3 267 425         | 5 033 385         | 6 006 270         | 4 756 115         | 7 407 779  |
| 559 392    | 641 844           | 685 488           | 692 962           | 716 349           | 737 594           | 1 105 617  |
| 6 927 494  | 9 294 939         | 11 722 524        | 15 828 203        | 18 368 286        | 19 193 492        | 30 268 740 |
| 6 628 142  | 4 415 887         | 3 050 526         | 1 261 776         | 760 571           | 378 670           | 361 321    |
| 3 421 815  | 2 280 248         | 1 412 556         | 1 326 789         | 939 137           | 943 744           | 1 170 823  |
| 1 290 200  | 927 461           | 986 421           | 686 962           | 514 416           | 469 648           | 461 820    |
| 595 986    | 461 005           | 448 582           | 462 086           | 336 321           | 439 651           | 460 684    |
| 339 553    | 313 547           | 307 371           | 333 960           | 304 237           | 341 008           | 330 795    |
| 10 985 171 | 8 547 215         | 6 901 593         | 7 114 536         | 5 612 397         | 4 853 194         | 6 680 360  |
| 23 074     | 24 612            | 22 543            | 23 788            | 22 473            | 8 644             | 19 483     |
| 15 106     | 13 672            | 12 975            | 12 728            | 11 305            | 4 990             | 9 018      |
| 56 721     | 59 915            | 55 617            | 60 046            | 48 536            | 22 999            | 34 974     |
| 8 585      | 6 909             | 6 978             | 6 421             | 4 568             | 1 937             | 3 838      |
| 1 988 263  | 1 762 614         | 1 490 264         | 1 356 491         | 1 416 372         | 1 118 353         | 1 376 002  |
| 345 323    | 363 562           | 234 437           | 213 136           | 137 559           | 178 275           | 233 815    |
| 79 639     | 76 889            | 66 957            | 68 759            | 41 493            | 46 910            | 66 717     |
| 13 873     | 13 417            | 11 549            | 12 466            | 12 133            | 10 699            | 12 625     |
| 4 948 505  | 4 867 944         | 4 415 365         | 5 120 452         | 6 131 659         | 4 778 880         | 5 276 438  |
| 9 103      | 7 989             | 7 785             | 7 845             | 7 457             | 6 344             | 7 248      |
| 12 403     | 14 782            | 11 166            | 11 589            | 9 879             | 8 021             | 9 898      |
| 9 877      | 8 864             | 8 314             | 7 862             | 6 959             | 6 177             | 6 519      |

Table 122.

| Item                            | 1999 <sup>r</sup> | 2000 <sup>r</sup> | 2001 <sup>r</sup> | 2002 <sup>r</sup> | 2003 <sup>r</sup> |
|---------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Total supply</b>             | <b>96 834</b>     | <b>103 808</b>    | <b>108 398</b>    | <b>113 567</b>    | <b>121 452</b>    |
| Indigenous energy               | 1 427             | 1 272             | 1 365             | 1 192             | 1 165             |
| Crude oil                       | 47                | 37                | 41                | 51                | 46                |
| Natural gas                     | 761               | 664               | 755               | 788               | 739               |
| Conventional Hydropower         | 483               | 437               | 488               | 266               | 290               |
| Solar photovoltaic & wind power | -                 | 0                 | 1                 | 2                 | 2                 |
| Solar thermal                   | 73                | 77                | 81                | 84                | 88                |
| Imported energy                 | 95 407            | 102 536           | 107 033           | 112 375           | 120 287           |
| Coal & coal products            | 30 018            | 33 056            | 35 605            | 37 729            | 39 731            |
| Crude oil & petroleum products  | 49 031            | 52 529            | 54 941            | 56 191            | 61 993            |
| L.N.G.                          | 5 233             | 5 802             | 6 209             | 7 001             | 7 301             |
| Nuclear power                   | 11 125            | 11 150            | 10 277            | 11 455            | 11 262            |
| <b>Total demand</b>             | <b>96 834</b>     | <b>103 808</b>    | <b>108 398</b>    | <b>113 567</b>    | <b>121 452</b>    |
| Domestic consumption            | 84 652            | 91 737            | 97 055            | 110 498           | 104 369           |
| By sector                       |                   |                   |                   |                   |                   |
| Energy sector own use           |                   |                   |                   |                   |                   |
| Energy use                      | 73 114            | 79 532            | 85 882            | 88 961            | 92 002            |
| Non-energy use                  | 3 860             | 3 954             | 2 597             | 3 286             | 3 820             |
| By final energy form            |                   |                   |                   |                   |                   |
| Coal & coal products            | 5 715             | 6 477             | 6 714             | 7 411             | 7 554             |
| Petroleum products              | 35 120            | 36 605            | 40 685            | 41 744            | 43 525            |
| Natural gas                     | 2 338             | 2 366             | 2 261             | 2 332             | 2 173             |
| Electricity                     | 41 405            | 46 210            | 47 290            | 48 897            | 50 996            |
| Solar thermal                   | 73                | 77                | 81                | 84                | 88                |
| Heat                            | -                 | 3                 | 25                | 28                | 34                |
| Exports                         | 2 518             | 2 644             | 4 906             | 6 846             | 11 123            |
| International marine bunkers    | 4 396             | 3 995             | 2 886             | 2 790             | 3 430             |
| Change in stocks                | 925               | 1 129             | 4                 | - 1 474           | - 1 809           |
| Transfers                       | - 3 153           | - 3 852           | - 3 766           | - 4 935           | - 6 250           |
| Statistical difference          | 391               | 397               | - 238             | 514               | 117               |
| Transformation input            | 85 175            | 91 906            | 95 908            | 99 891            | 108 882           |
| Transformation output           | 86 620            | 94 142            | 98 026            | 102 702           | 113 118           |
| Loss                            | 2 243             | 2 290             | 2 136             | 2 269             | 2 206             |
| Consumption per capita (LOE)    | 3 856             | 4 146             | 4 357             | 4 487             | 4 640             |

Notes : Data do not include Kinmen County and Lienchiang County.

## Energy

10<sup>3</sup> K.L. Oil Equivalent

| 2004 <sup>r</sup> | 2005 <sup>r</sup> | 2006 <sup>r</sup> | 2007 <sup>r</sup> | 2008 <sup>r</sup> | 2009 <sup>r</sup> | 2010           |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------|
| <b>134 840</b>    | <b>135 946</b>    | <b>138 846</b>    | <b>146 116</b>    | <b>141 252</b>    | <b>138 160</b>    | <b>145 561</b> |
| 1 154             | 1 006             | 955               | 959               | 912               | 875               | 893            |
| 45                | 32                | 24                | 18                | 16                | 16                | 14             |
| 707               | 487               | 412               | 371               | 318               | 312               | 263            |
| 307               | 381               | 391               | 422               | 412               | 358               | 401            |
| 2                 | 9                 | 27                | 43                | 57                | 76                | 100            |
| 93                | 98                | 102               | 105               | 110               | 113               | 114            |
| 133 686           | 134 940           | 137 891           | 145 157           | 140 340           | 137 285           | 144 668        |
| 43 773            | 43 541            | 45 080            | 47 318            | 46 187            | 42 138            | 46 711         |
| 69 404            | 70 450            | 71 100            | 75 249            | 70 451            | 71 519            | 71 376         |
| 9 073             | 9 373             | 10 164            | 10 850            | 11 879            | 11 589            | 14 526         |
| 11 436            | 11 576            | 11 547            | 11 740            | 11 823            | 12 039            | 12 056         |
| <b>134 840</b>    | <b>135 946</b>    | <b>138 846</b>    | <b>146 116</b>    | <b>141 252</b>    | <b>138 160</b>    | <b>145 561</b> |
| 108 760           | 111 168           | 113 739           | 119 188           | 115 699           | 113 073           | 120 308        |
| 96 437            | 98 268            | 100 666           | 105 925           | 103 917           | 101 381           | 107 323        |
| 3 508             | 3 585             | 3 646             | 4 044             | 3 305             | 3 533             | 4 604          |
| 7 561             | 7 426             | 7 958             | 8 765             | 8 338             | 7 682             | 10 019         |
| 45 678            | 45 772            | 45 537            | 48 538            | 45 979            | 46 759            | 48 396         |
| 2 306             | 2 301             | 2 314             | 2 416             | 2 490             | 2 494             | 2 966          |
| 53 088            | 55 455            | 57 662            | 59 157            | 58 620            | 55 729            | 58 466         |
| 93                | 98                | 102               | 105               | 110               | 113               | 114            |
| 34                | 117               | 166               | 207               | 163               | 296               | 347            |
| 14 784            | 17 064            | 16 293            | 19 307            | 18 934            | 20 788            | 17 584         |
| 2 772             | 2 720             | 2 683             | 2 401             | 2 068             | 1 831             | 1 978          |
| 3 313             | 656               | 1 748             | - 154             | 830               | - 663             | - 83           |
| - 6 481           | - 7 400           | - 6 506           | - 7 785           | - 7 489           | - 6 388           | - 7 034        |
| 415               | - 1 575           | - 469             | 52                | - 171             | - 1 030           | 720            |
| 118 392           | 123 829           | 124 389           | 126 216           | 120 785           | 119 181           | 123 952        |
| 122 286           | 127 665           | 128 537           | 131 106           | 126 561           | 123 815           | 128 348        |
| 2 209             | 2 349             | 2 493             | 2 427             | 2 178             | 2 407             | 2 416          |
| 4 818             | 4 908             | 5 002             | 5 221             | 5 051             | 4 921             | 5 223          |

Table 123. Construction of building

Thousand M<sup>2</sup>

| Year | Indexes of buildings construction 2006 = 100 | Issued building usage license |                     |                                   |       |       |      |        |
|------|--|-------------------------------|---------------------|-----------------------------------|-------|-------|------|--------|
|      |  | Total                         | By material         |                                   |       |       |      |        |
|      |  |                               | Reinforced concrete | Steel frame & reinforced concrete | Steel | Brick | Wood | Others |
| 1981 | 105.78                                       | 39 138                        | 28 586              | 357                               | 1 029 | 8 958 | 16   | 193    |
| 1982 | 73.52  | 26 889                        | 20 066              | 200                               | 769   | 5 655 | 17   | 183    |
| 1983 | 70.00  | 25 161                        | 19 263              | 774                               | 707   | 4 062 | 104  | 252    |
| 1984 | 78.24  | 27 209                        | 19 542              | 1 860                             | 937   | 4 536 | 94   | 240    |
| 1985 | 78.52  | 28 115                        | 21 418              | 662                               | 915   | 4 642 | 87   | 391    |
| 1986 | 71.13  | 25 974                        | 20 150              | 205                               | 887   | 4 332 | 17   | 382    |
| 1987 | 68.97  | 25 150                        | 19 472              | 217                               | 946   | 3 860 | 31   | 624    |
| 1988 | 81.77  | 29 608                        | 22 687              | 646                               | 1 371 | 4 107 | 27   | 769    |
| 1989 | 86.99  | 31 234                        | 25 306              | 428                               | 1 483 | 3 145 | 21   | 851    |
| 1990 | 87.53  | 31 271                        | 25 665              | 384                               | 2 210 | 2 833 | 35   | 144    |
| 1991 | 90.61  | 31 995                        | 26 536              | 1 257                             | 2 055 | 2 067 | 13   | 68     |
| 1992 | 106.15                                       | 36 922                        | 31 496              | 1 726                             | 1 945 | 1 572 | 66   | 118    |
| 1993 | 136.08                                       | 47 501                        | 41 479              | 1 306                             | 2 778 | 1 617 | 73   | 246    |
| 1994 | 168.60                                       | 58 159                        | 51 580              | 2 589                             | 2 230 | 1 510 | 61   | 190    |
| 1995 | 161.60                                       | 55 263                        | 50 030              | 2 853                             | 1 159 | 988   | 32   | 201    |
| 1996 | 133.39                                       | 45 709                        | 40 261              | 3 006                             | 1 160 | 871   | 19   | 391    |
| 1997 | 111.83                                       | 38 462                        | 32 777              | 3 064                             | 1 504 | 718   | 32   | 367    |
| 1998 | 112.45                                       | 38 683                        | 32 873              | 3 150                             | 1 375 | 666   | 53   | 567    |
| 1999 | 119.88                                       | 41 240                        | 34 584              | 3 721                             | 1 632 | 596   | 58   | 649    |
| 2000 | 102.32                                       | 35 024                        | 27 742              | 4 388                             | 1 358 | 566   | 86   | 884    |
| 2001 | 90.87  | 31 168                        | 21 638              | 5 318                             | 1 719 | 962   | 123  | 1 407  |
| 2002 | 72.10  | 24 386                        | 17 209              | 4 890                             | 793   | 493   | 67   | 935    |
| 2003 | 78.60  | 26 497                        | 19 540              | 5 108                             | 997   | 254   | 75   | 523    |
| 2004 | 82.36  | 27 873                        | 22 548              | 4 177                             | 633   | 206   | 74   | 234    |
| 2005 | 91.73  | 31 028                        | 25 512              | 4 502                             | 618   | 192   | 47   | 157    |
| 2006 | 100.00                                       | 36 202                        | 30 001              | 2 756                             | 3 185 | 205   | 25   | 30     |
| 2007 | 99.52  | 36 024                        | 29 443              | 3 076                             | 3 237 | 203   | 32   | 33     |
| 2008 | 90.30  | 32 717                        | 26 911              | 2 086                             | 3 451 | 219   | 22   | 29     |
| 2009 | 73.07  | 26 535                        | 20 635              | 2 933                             | 2 742 | 158   | 28   | 38     |
| 2010 | 65.90  | 24 014                        | 17 404              | 2 884                             | 3 495 | 157   | 47   | 27     |

Notes : The statistical items are based on the Building Technical Regulations.

## TRANSPORTATION, STORAGE AND COMMUNICATIONS

This chapter is concerned with statistical data on sea transportation, inland transportation, air transportation, postal services, communications, and tourism. All of the information except for tourism is obtained from official registration data, which are incorporated in the *Statistical Abstract of Transportation and Communications, Republic of China* published by the Department of Statistics, Ministry of Transportation and Communications. On the front of tourism, information on visitor arrivals by nationality and outbound departures of nationals of the Republic of China, contained in the *Report on Tourism Statistics* published by the Tourism Bureau, is obtained from the entry and exit records kept by the National Immigration Agency, Ministry of Interior. Visitor arrivals by length of stay and visitor expenditure in Taiwan from the *Report on Tourists' Consumption and Activities Survey* published by the Tourism Bureau.

The tourists' consumption and activities survey is conducted once a year. Objective of the survey are foreign nationals or overseas Chinese coming to Taiwan for visits, excluding those staying in Taiwan for less than 24 hours and those staying for over 60 days. The survey adopts the "quota sampling" method to draw an effective sample of 5,500 tourists receiving interview at the check-in counters of Taiwan Taoyuan International Airport, Taipei Songshan Airport and Kaohsiung International Airport.

Passenger-Kilometer (or Ton-Kilometer) -- The passenger-kilometer, a unit used to measure the passenger transportation volume, refers to carrying a passenger for a distance of one kilometer. The number of passengers refers to the number of persons buying tickets, excluding the passengers exempt from transportation service charges. The distance of transportation is the one stated on the ticket. Therefore, the passenger transportation volume can be derived from the number of passengers multiplied by the distance of transportation. The ton-kilometer, a unit used to measure the volume of freight transportation, refers to carrying a ton of freight for a distance of one kilometer. The freight excludes mail, personal luggage, and fuel. The volume of freight is based on the amount and the distance stated on the invoice, and the volume of freight transportation can be derived from the weight of freight multiplied by the distance of transportation.

Number of Motor Vehicles -- The motor vehicles refer to those registered with and licensed by the vehicle administration agencies, excluding military vehicles, tricars, 3-wheel motor trucks, and motor vehicles without license plate or with temporary license plate. In March 1987, the motor vehicles further excluded those license plates having expired. Commercial vehicles include buses, trucks, pick-up truck. Specially constructed vehicles, which are installed with special equipment to serve special purposes, include towing vehicles, ambulances, fire engines, armored police vehicles, and police patrol cars.

Table 124. Railways, highways, motor vehicles in use

| Year | Railways  |   | Highways  |   | Motor vehicles                |                                    |
|------|---|---|---|---|-------------------------------|------------------------------------|
|      | Passenger-kilometers<br>(Million passenger-kms) | Freight ton-kilometers<br>(Million ton-kms) | Passenger-kilometers<br>(Million passenger-kms) | Freight ton-kilometers<br>(Million ton-kms) | Passenger cars<br>(Thousands) | Commercial vehicles<br>(Thousands) |
| 1981 | 7 982   | 2 527                                       | 26 101  | 8 727                                       | 506                           | 297                                |
| 1982 | 8 204   | 2 277                                       | 26 125  | 8 800                                       | 592                           | 334                                |
| 1983 | 8 533   | 2 581                                       | 25 860  | 8 929                                       | 688                           | 373                                |
| 1984 | 8 458   | 2 493                                       | 25 644  | 9 191                                       | 807                           | 409                                |
| 1985 | 8 309   | 2 300                                       | 25 776  | 9 223                                       | 916                           | 429                                |
| 1986 | 8 321   | 2 365                                       | 24 519  | 9 359                                       | 1 047                         | 440                                |
| 1987 | 8 463   | 2 490                                       | 23 625  | 10 586                                      | 1 249                         | 469                                |
| 1988 | 8 237   | 2 278                                       | 22 850  | 11 340                                      | 1 560                         | 512                                |
| 1989 | 8 145   | 2 112                                       | 20 999  | 11 494                                      | 1 930                         | 573                                |
| 1990 | 8 323   | 1 877                                       | 20 755  | 11 543                                      | 2 263                         | 620                                |
| 1991 | 8 621   | 1 961                                       | 20 549  | 11 814                                      | 2 541                         | 636                                |
| 1992 | 9 361   | 2 140                                       | 19 839  | 12 220                                      | 2 900                         | 692                                |
| 1993 | 9 552   | 2 018                                       | 19 411  | 12 867                                      | 3 239                         | 718                                |
| 1994 | 9 515   | 2 007                                       | 17 995  | 13 091                                      | 3 570                         | 733                                |
| 1995 | 9 499   | 1 900                                       | 16 151  | 12 492                                      | 3 874                         | 770                                |
| 1996 | 9 032   | 1 585                                       | 15 421  | 11 991                                      | 4 146                         | 800                                |
| 1997 | 9 507   | 1 514                                       | 14 417  | 12 165                                      | 4 412                         | 836                                |
| 1998 | 10 305  | 1 404                                       | 14 298  | 17 426                                      | 4 545                         | 837                                |
| 1999 | 11 020  | 1 315                                       | 14 247  | 18 251                                      | 4 509                         | 804                                |
| 2000 | 12 624  | 1 179                                       | 14 657  | 18 182                                      | 4 716                         | 833                                |
| 2001 | 12 269  | 1 010                                       | 15 237  | 27 810                                      | 4 826                         | 855                                |
| 2002 | 12 148  | 941   | 15 770  | 28 341                                      | 4 989                         | 882                                |
| 2003 | 11 178  | 864   | 14 744  | 28 735                                      | 5 170                         | 911                                |
| 2004 | 12 051  | 909   | 15 778  | 31 029                                      | 5 391                         | 946                                |
| 2005 | 12 255  | 982   | 16 100  | 31 210                                      | 5 634                         | 980                                |
| 2006 | 12 352  | 997   | 16 386  | 31 218                                      | 5 698                         | 999                                |
| 2007 | 15 769  | 890   | 15 979  | 30 547                                      | 5 713                         | 1 003                              |
| 2008 | 19 066  | 933   | 15 783  | 30 160                                      | 5 674                         | 1 001                              |
| 2009 | 19 277  | 776   | 15 882  | 29 071                                      | 5 704                         | 1 014                              |
| 2010 | 20 931  | 873   | 15 843  | 29 632                                      | 5 803                         | 1 023                              |

Notes : The data of motor vehicles do not include Kinmen County and Lienchiang County before 1997.

**Table 125. International maritime transport**

| Year   | Merchant shipping : fleets<br>(Thousand gross registered tons) |                  | Goods<br>(Thousand metric tons) |         | Vessels : foreign<br>(Thousand gross registered tons) |          |
|--------|--|------------------|---------------------------------|---------|---|----------|
|        | Total  | Oil tanker fleet | Exports                         | Imports | Incoming  | Outgoing |
| 1981   | 1 870  | 493              | 11 289                          | 48 609  | 103 173   | 103 752  |
| 1982   | 2 481  | 518              | 12 480                          | 48 863  | 117 448   | 104 317  |
| 1983   | 3 329  | 544              | 15 231                          | 55 319  | 127 450   | 117 966  |
| 1984   | 4 351  | 636              | 16 251                          | 59 829  | 136 194   | 135 031  |
| 1985   | 4 267  | 584              | 16 090                          | 60 496  | 148 101   | 145 631  |
| 1986   | 4 596  | 531              | 16 300                          | 70 781  | 172 321   | 171 732  |
| 1987   | 4 621  | 484              | 18 086                          | 83 014  | 189 116   | 193 484  |
| 1988   | 5 182  | 544              | 18 697                          | 96 786  | 201 582   | 208 294  |
| 1989   | 5 469  | 383              | 16 538                          | 97 678  | 216 061   | 231 193  |
| 1990   | 5 923  | 476              | 15 439                          | 102 329 | 224 183   | 237 285  |
| 1991   | 6 182  | 602              | 17 854                          | 103 328 | 238 565   | 247 324  |
| 1992   | 6 543  | 814              | 16 702                          | 112 459 | 266 033   | 275 735  |
| 1993   | 6 631  | 818              | 16 923                          | 115 445 | 288 248   | 300 426  |
| 1994   | 5 947  | 956              | 16 741                          | 119 117 | 287 329   | 314 677  |
| 1995   | 5 992  | 955              | 18 776                          | 122 376 | 316 622   | 340 284  |
| 1996   | 6 067  | 956              | 20 969                          | 124 736 | 342 094   | 368 034  |
| 1997   | 5 959  | 956              | 22 516                          | 143 553 | 364 856   | 396 754  |
| 1998   | 5 539  | 903              | 22 065                          | 139 813 | 369 457   | 406 480  |
| 1999   | 5 445  | 903              | 26 287                          | 149 121 | 381 294   | 413 247  |
| 2000   | 5 336  | 903              | 29 653                          | 152 042 | 389 520   | 417 335  |
| 2001 r | 4 791  | 904              | 38 997                          | 145 082 | 380 816   | 427 768  |
| 2002 r | 4 235  | 907              | 41 477                          | 155 830 | 384 575   | 461 712  |
| 2003 r | 3 735  | 905              | 44 810                          | 162 753 | 417 577   | 471 160  |
| 2004 r | 3 707  | 904              | 47 849                          | 174 935 | 437 433   | 472 914  |
| 2005 r | 3 375  | 905              | 48 015                          | 162 365 | 452 703   | 484 699  |
| 2006 r | 3 005  | 905              | 47 558                          | 163 049 | 475 785   | 503 737  |
| 2007 r | 2 853  | 757              | 50 810                          | 173 699 | 480 700   | 498 593  |
| 2008 r | 2 868  | 757              | 45 745                          | 174 182 | 471 040   | 486 700  |
| 2009 r | 2 704  | 672              | 45 750                          | 157 039 | 525 502   | 515 483  |
| 2010   | 2 789  | 556              | 49 257                          | 168 826 | 559 768   | 548 691  |

Notes : 1. Since 2001, the cargo figures have been calculated from customs declaration. Prior to and including 2000, they were sourced from manifest.

2. The data of goods and foreign vessels do not include Kinmen County and Lienchiang County.

Table 126. Civil aviation

| Year | Number of flights |               | Passenger transportation<br>(Thousand persons) |               | Freight transportation<br>( metric tons) |               |
|------|-------------------|---------------|--|---------------|--|---------------|
|      | Domestic          | International | Domestic                                       | International | Domestic                                 | International |
| 1981 | 84 402            | 37 252        | 5 639  | 4 063         | 23 415                                   | 229 320       |
| 1982 | 91 470            | 37 177        | 5 493  | 4 136         | 24 455                                   | 229 399       |
| 1983 | 94 290            | 37 096        | 5 729  | 4 298         | 25 161                                   | 282 851       |
| 1984 | 99 657            | 38 970        | 6 342  | 4 519         | 27 952                                   | 309 554       |
| 1985 | 104 742           | 39 459        | 5 854  | 4 523         | 25 818                                   | 302 158       |
| 1986 | 102 548           | 40 566        | 5 303  | 4 828         | 21 573                                   | 402 964       |
| 1987 | 117 004           | 42 755        | 6 682  | 5 679         | 25 142                                   | 485 599       |
| 1988 | 130 310           | 47 183        | 7 614  | 7 129         | 26 740                                   | 516 053       |
| 1989 | 183 077           | 51 813        | 8 910  | 8 297         | 31 583                                   | 576 997       |
| 1990 | 191 132           | 60 691        | 9 043  | 9 680         | 36 704                                   | 625 431       |
| 1991 | 249 300           | 68 181        | 11 210   | 10 364        | 44 681                                   | 670 127       |
| 1992 | 300 274           | 77 542        | 14 875   | 12 117        | 53 130                                   | 763 308       |
| 1993 | 361 061           | 87 930        | 18 442   | 12 887        | 60 616                                   | 793 264       |
| 1994 | 435 244           | 100 383       | 23 299   | 13 673        | 70 820                                   | 809 453       |
| 1995 | 521 532           | 111 356       | 28 773   | 14 954        | 31 386                                   | 744 398       |
| 1996 | 577 033           | 123 931       | 35 902   | 16 157        | 29 409                                   | 791 803       |
| 1997 | 580 115           | 135 730       | 37 400   | 17 069        | 31 210                                   | 909 900       |
| 1998 | 503 321           | 135 023       | 33 294   | 16 440        | 26 407                                   | 936 403       |
| 1999 | 483 979           | 132 343       | 32 534   | 17 808        | 30 573                                   | 1 064 289     |
| 2000 | 448 181           | 138 379       | 26 650   | 19 780        | 33 853                                   | 1 214 859     |
| 2001 | 414 698           | 147 212       | 24 614   | 19 501        | 37 375                                   | 1 035 552     |
| 2002 | 392 532           | 156 023       | 21 890   | 20 063        | 44 246                                   | 1 137 627     |
| 2003 | 342 681           | 146 490       | 20 052   | 15 913        | 43 704                                   | 1 186 032     |
| 2004 | 329 632           | 175 230       | 20 995   | 20 756        | 40 623                                   | 1 254 890     |
| 2005 | 297 724           | 181 775       | 19 294   | 22 485        | 37 428                                   | 1 216 009     |
| 2006 | 275 232           | 188 274       | 17 365   | 23 774        | 40 211                                   | 1 207 998     |
| 2007 | 228 869           | 192 610       | 12 711   | 24 432        | 40 041                                   | 1 191 118     |
| 2008 | 183 234           | 174 748       | 9 850  | 23 203        | 36 746                                   | 1 035 352     |
| 2009 | 168 795           | 166 872       | 9 233  | 23 096        | 36 925                                   | 932 985       |
| 2010 | 171 086           | 189 323       | 9 733  | 27 736        | 36 675                                   | 1 163 941     |



**Table 127. Telephones and internet**

| Year | Number of mobile telephones (Thousands) | Local telephones        |                               |  | Internet users (10 Thousands) |
|------|---|-------------------------|-------------------------------|--|-------------------------------|
|      |   | Subscribers (Thousands) | Subscribers, index (1991=100) | Subscribers per 100 population (Subscribers) |                               |
| 1981 | -                                       | 2 818                   | 41.12                         | 15.5   | -                             |
| 1982 | -                                       | 3 230                   | 47.13                         | 17.4   | -                             |
| 1983 | -                                       | 3 618                   | 52.79                         | 19.3   | -                             |
| 1984 | -                                       | 3 947                   | 57.60                         | 20.7   | -                             |
| 1985 | -                                       | 4 228                   | 61.69                         | 21.9   | -                             |
| 1986 | -                                       | 4 540                   | 66.25                         | 23.3   | -                             |
| 1987 | -                                       | 4 909                   | 71.63                         | 24.9   | -                             |
| 1988 | -                                       | 5 332                   | 77.81                         | 26.7   | -                             |
| 1989 | 22                                      | 5 823                   | 84.96                         | 28.9   | -                             |
| 1990 | 83                                      | 6 301                   | 91.94                         | 30.9   | -                             |
| 1991 | 197                                     | 6 853                   | 100.00                        | 33.3   | 1                             |
| 1992 | 385                                     | 7 418                   | 108.25                        | 35.7   | 5                             |
| 1993 | 539                                     | 7 951                   | 116.01                        | 37.9   | 10                            |
| 1994 | 584                                     | 8 503                   | 124.08                        | 40.2   | 18                            |
| 1995 | 770                                     | 9 175                   | 133.88                        | 43.0   | 25                            |
| 1996 | 970                                     | 10 011                  | 146.07                        | 46.5   | 60                            |
| 1997 | 1 492                                   | 10 862                  | 158.50                        | 50.0   | 166                           |
| 1998 | 4 727                                   | 11 500                  | 167.81                        | 52.4   | 301                           |
| 1999 | 11 541                                  | 12 044                  | 175.74                        | 54.5   | 480                           |
| 2000 | 17 874                                  | 12 642                  | 184.47                        | 56.8   | 627                           |
| 2001 | 21 786                                  | 12 858                  | 187.62                        | 57.4   | 782                           |
| 2002 | 24 391                                  | 13 099                  | 191.15                        | 58.2   | 859                           |
| 2003 | 25 800                                  | 13 355                  | 194.88                        | 59.1   | 883                           |
| 2004 | 22 760                                  | 13 530                  | 197.43                        | 59.6   | 916                           |
| 2005 | 22 171                                  | 13 615                  | 198.68                        | 59.8   | 959                           |
| 2006 | 23 249                                  | 13 473                  | 196.60                        | 58.9   | 976                           |
| 2007 | 24 287                                  | 13 302                  | 194.10                        | 57.9   | 1 003                         |
| 2008 | 25 413                                  | 13 082                  | 190.89                        | 56.8   | 1 046                         |
| 2009 | 26 959                                  | 12 821                  | 187.08                        | 55.5   | 1 067                         |
| 2010 | 27 840                                  | 12 696                  | 185.26                        | 54.8   | 1 079                         |

Table 128. International telephone business

Thousands

| Year | Outgoing calls |                | Outgoing calls between the Straits |                |
|------|----------------|----------------|------------------------------------|----------------|
|      | No. of calls   | No. of minutes | No. of calls                       | No. of minutes |
| 1981 | 4 293          | 27 049         | -                                  | -              |
| 1982 | 4 927          | 30 278         | -                                  | -              |
| 1983 | 6 208          | 36 786         | -                                  | -              |
| 1984 | 8 941          | 45 783         | -                                  | -              |
| 1985 | 13 321         | 58 021         | -                                  | -              |
| 1986 | 21 250         | 77 063         | -                                  | -              |
| 1987 | 34 446         | 105 629        | -                                  | -              |
| 1988 | 50 855         | 142 628        | -                                  | -              |
| 1989 | 66 085         | 183 864        | 730                                | 3 074          |
| 1990 | 84 642         | 241 928        | 4 422                              | 13 999         |
| 1991 | 104 844        | 297 616        | 8 719                              | 26 990         |
| 1992 | 128 887        | 366 854        | 16 204                             | 50 272         |
| 1993 | 153 531        | 442 308        | 26 790                             | 81 145         |
| 1994 | 169 863        | 501 849        | 34 192                             | 105 996        |
| 1995 | 191 615        | 593 023        | 41 519                             | 133 796        |
| 1996 | 219 642        | 700 502        | 53 541                             | 168 740        |
| 1997 | 245 854        | 789 061        | 69 078                             | 198 069        |
| 1998 | 264 102        | 860 878        | 79 952                             | 236 141        |
| 1999 | 294 722        | 958 264        | 96 033                             | 286 034        |
| 2000 | 328 283        | 1 058 378      | 111 604                            | 342 988        |
| 2001 | 433 642        | 1 514 416      | 154 668                            | 509 835        |
| 2002 | 568 198        | 2 153 914      | 213 866                            | 758 784        |
| 2003 | 820 899        | 3 076 736      | 250 074                            | 987 262        |
| 2004 | 825 622        | 3 131 670      | 289 035                            | 1 286 703      |
| 2005 | 982 377        | 3 468 293      | 318 610                            | 1 369 444      |
| 2006 | 1 063 660      | 3 841 017      | 350 298                            | 1 505 976      |
| 2007 | 931 501        | 3 879 449      | 352 275                            | 1 566 245      |
| 2008 | 948 230        | 3 993 877      | 371 860                            | 1 538 542      |
| 2009 | 1 000 451      | 4 192 733      | 369 006                            | 1 423 250      |
| 2010 | 1 096 639      | 4 650 852      | 403 616                            | 1 496 327      |

Notes : Telephone services between the Straits started from June 1989.

**Table 129. Postal service**

| Year | Postal establishments<br>(Offices) | Mail routes<br>(Thousand-kms) | Mail receptacles<br>(Boxes) | Correspondences<br>(Million pieces) |           | Parcels<br>(Thousand pieces) |           |
|------|------------------------------------|-------------------------------|-----------------------------|-------------------------------------|-----------|------------------------------|-----------|
|      |                                    |                               |                             | Posted                              | Delivered | Posted                       | Delivered |
| 1996 | 14 638                             | 1 835                         | 18 531                      | 2 219                               | 2 563     | 18 319                       | 18 683    |
| 1997 | 13 961                             | 1 845                         | 18 517                      | 2 401                               | 2 751     | 18 373                       | 18 736    |
| 1998 | 14 014                             | 1 863                         | 18 463                      | 2 589                               | 2 916     | 16 917                       | 17 350    |
| 1999 | 14 414                             | 1 906                         | 18 407                      | 2 705                               | 3 052     | 16 147                       | 16 539    |
| 2000 | 12 655                             | 1 903                         | 18 132                      | 3 088                               | 3 410     | 17 287                       | 17 842    |
| 2001 | 11 216                             | 1 902                         | 17 607                      | 2 891                               | 3 305     | 10 631                       | 10 952    |
| 2002 | 10 325                             | 1 903                         | 17 517                      | 2 876                               | 3 317     | 7 973                        | 8 209     |
| 2003 | 9 976                              | 1 904                         | 16 804                      | 2 731                               | 3 224     | 8 953                        | 9 181     |
| 2004 | 6 755                              | 1 905                         | 16 923                      | 2 815                               | 3 279     | 12 108                       | 12 668    |
| 2005 | 6 420                              | 1 903                         | 16 207                      | 2 808                               | 3 256     | 15 767                       | 16 720    |
| 2006 | 5 341                              | 1 903                         | 15 984                      | 2 663                               | 3 187     | 17 897                       | 18 901    |
| 2007 | 4 823                              | 1 903                         | 14 174                      | 2 670                               | 3 109     | 19 959                       | 21 561    |
| 2008 | 2 570                              | 1 913                         | 13 983                      | 2 646                               | 3 185     | 24 269                       | 26 229    |
| 2009 | 2 681                              | 1 920                         | 13 739                      | 2 626                               | 2 942     | 25 351                       | 26 980    |
| 2010 | 2 600                              | 1 920                         | 13 531                      | 2 728                               | 3 005     | 26 352                       | 29 326    |

**Table 130. Visitor arrivals by purpose of visit**

| Year | Total     | Pleasure  | Business | Visit relatives | Study  | Conference | Others  | Persons  |
|------|-----------|-----------|----------|-----------------|--------|------------|---------|----------|
|      |           |           |          |                 |        |            |         | Unstated |
| 1996 | 2 358 221 | 904 489   | 704 450  | 241 704         | 27 320 | 25 931     | 115 757 | 338 570  |
| 1997 | 2 372 232 | 843 008   | 750 059  | 244 996         | 25 399 | 28 585     | 101 871 | 378 314  |
| 1998 | 2 298 706 | 762 026   | 770 557  | 242 223         | 24 322 | 30 242     | 101 685 | 367 651  |
| 1999 | 2 411 248 | 782 938   | 806 159  | 257 683         | 27 054 | 31 194     | 110 446 | 395 774  |
| 2000 | 2 624 037 | 870 929   | 900 339  | 279 243         | 27 808 | 34 879     | 114 533 | 396 306  |
| 2001 | 2 831 035 | 1 021 572 | 848 732  | 332 834         | 26 971 | 39 390     | 102 818 | 458 718  |
| 2002 | 2 977 692 | 1 028 635 | 831 465  | 329 751         | 61 904 | 39 485     | 131 684 | 554 768  |
| 2003 | 2 248 117 | 695 277   | 698 792  | 280 022         | 48 575 | 31 545     | 162 656 | 331 250  |
| 2004 | 2 950 342 | 1 031 713 | 920 377  | 374 008         | 37 324 | 43 616     | 215 540 | 327 764  |
| 2005 | 3 378 118 | 1 381 637 | 944 487  | 379 252         | 38 717 | 49 686     | 210 121 | 374 218  |
| 2006 | 3 519 827 | 1 510 207 | 949 836  | 377 455         | 38 649 | 52 634     | 208 826 | 382 220  |
| 2007 | 3 716 063 | 1 648 507 | 930 775  | 395 760         | 41 901 | 57 839     | 216 488 | 424 793  |
| 2008 | 3 845 187 | 1 775 229 | 881 431  | 404 692         | 45 229 | 59 226     | 230 716 | 448 664  |
| 2009 | 4 395 004 | 2 298 334 | 795 669  | 413 942         | 54 701 | 68 925     | 275 033 | 488 400  |
| 2010 | 5 567 277 | 3 246 005 | 937 777  | 496 627         | 62 681 | 88 097     | 295 048 | 441 042  |

Table 131. Number of foreign visitor

| Resident         | 1991      | 1992      | 1993      | 1994      | 1995      | 1996      | 1997      | 1998      | 1999      |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Grand Total      | 1 629 448 | 1 649 726 | 1 601 228 | 1 856 685 | 2 066 333 | 2 088 539 | 2 115 641 | 2 031 811 | 2 115 653 |
| Asia             | 1 224 636 | 1 216 340 | 1 159 554 | 1 379 321 | 1 566 025 | 1 572 539 | 1 571 044 | 1 478 765 | 1 546 893 |
| Hong Kong, Macao | 26 912    | 26 964    | 28 451    | 33 370    | 39 269    | 45 998    | 50 557    | 54 574    | 63 323    |
| Japan            | 825 420   | 794 237   | 696 431   | 816 665   | 907 338   | 911 777   | 900 714   | 822 817   | 823 799   |
| Korea            | 150 076   | 147 158   | 88 297    | 124 116   | 140 469   | 121 399   | 94 632    | 59 766    | 74 411    |
| India            | 5 346     | 6 878     | 7 361     | 8 197     | 9 553     | 10 320    | 11 438    | 11 672    | 11 498    |
| Middle East      | 8 690     | 9 242     | 9 725     | 9 013     | 10 066    | 9 759     | 11 321    | 11 147    | 10 578    |
| Malaysia         | 40 658    | 46 455    | 50 664    | 47 577    | 53 620    | 55 430    | 54 022    | 48 904    | 52 358    |
| Singapore        | 61 962    | 63 739    | 59 810    | 69 259    | 69 665    | 77 642    | 81 356    | 86 695    | 85 569    |
| Indonesia        | 22 780    | 22 247    | 33 984    | 38 489    | 45 857    | 50 505    | 54 092    | 47 415    | 76 424    |
| Philippines      | 26 863    | 28 709    | 52 981    | 69 468    | 89 490    | 104 525   | 112 844   | 120 543   | 120 319   |
| Thailand         | 23 739    | 33 416    | 88 985    | 114 613   | 146 632   | 120 089   | 121 534   | 127 987   | 137 664   |
| Others           | 32 190    | 37 295    | 42 865    | 48 554    | 54 066    | 65 095    | 78 534    | 87 245    | 90 950    |
| America          | 254 935   | 275 688   | 280 814   | 301 012   | 311 180   | 318 245   | 337 610   | 345 771   | 357 455   |
| Canada           | 20 352    | 21 730    | 21 081    | 23 308    | 25 944    | 29 580    | 31 762    | 33 360    | 34 568    |
| U.S.A.           | 224 182   | 243 022   | 248 942   | 266 115   | 273 606   | 277 236   | 293 681   | 300 753   | 311 995   |
| Mexico           | 1 534     | 1 645     | 1 265     | 1 410     | 1 034     | 1 325     | 1 490     | 1 679     | 1 694     |
| Brazil           | 2 723     | 2 799     | 2 827     | 3 480     | 4 095     | 3 508     | 3 479     | 3 247     | 2 467     |
| Others           | 6 144     | 6 492     | 6 699     | 6 699     | 6 501     | 6 596     | 7 198     | 6 732     | 6 731     |
| Europe           | 113 488   | 119 821   | 120 944   | 134 043   | 143 700   | 151 564   | 158 349   | 159 659   | 161 377   |
| Belgium          | 3 401     | 3 302     | 3 207     | 3 629     | 3 745     | 3 971     | 3 861     | 4 079     | 4 098     |
| France           | 16 548    | 17 513    | 18 494    | 21 334    | 21 587    | 21 716    | 22 674    | 23 515    | 23 508    |
| Germany          | 25 543    | 28 758    | 28 357    | 31 075    | 32 667    | 33 677    | 34 492    | 35 187    | 34 096    |
| Italy            | 9 348     | 10 221    | 9 893     | 11 934    | 12 239    | 11 511    | 12 257    | 11 720    | 11 329    |
| Netherlands      | 8 110     | 8 208     | 8 879     | 9 155     | 9 935     | 10 436    | 10 814    | 11 190    | 14 235    |
| Switzerland      | 5 941     | 5 668     | 5 937     | 6 029     | 6 238     | 6 035     | 6 602     | 6 390     | 6 452     |
| Spain            | 3 386     | 3 711     | 3 217     | 3 577     | 3 685     | 3 714     | 4 036     | 3 892     | 3 875     |
| U.K.             | 21 416    | 22 646    | 24 112    | 26 929    | 28 796    | 30 426    | 32 737    | 33 505    | 33 136    |
| Others           | 19 795    | 19 794    | 18 848    | 20 381    | 24 808    | 30 078    | 30 876    | 30 181    | 30 648    |
| Oceania          | 22 444    | 24 840    | 25 654    | 27 907    | 31 372    | 32 100    | 34 367    | 34 153    | 35 541    |
| Australia        | 18 703    | 20 896    | 21 446    | 23 134    | 26 112    | 26 844    | 28 674    | 28 737    | 29 731    |
| New Zealand      | 3 077     | 3 421     | 3 819     | 4 258     | 4 875     | 4 952     | 5 302     | 5 045     | 5 357     |
| Others           | 664       | 523       | 389       | 515       | 385       | 304       | 391       | 371       | 453       |
| Africa           | 12 678    | 11 118    | 10 718    | 10 276    | 9 839     | 9 345     | 8 808     | 7 728     | 7 716     |
| Others           | 1 267     | 1 919     | 3 544     | 4 126     | 4 217     | 4 746     | 5 463     | 5 735     | 6 671     |

## arrivals by residence

Persons

| 2000      | 2001      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2 310 670 | 2 291 871 | 2 354 017 | 1 812 034 | 2 428 297 | 2 798 210 | 2 855 629 | 2 988 815 | 2 962 536 | 2 770 082 | 3 235 477 |
| 1 690 232 | 1 704 449 | 1 747 685 | 1 336 849 | 1 760 612 | 2 107 089 | 2 164 552 | 2 262 176 | 2 213 938 | 2 052 861 | 2 459 348 |
| 73 708    | 80 752    | 76 690    | 56 076    | 70 878    | 77 275    | 77 549    | 79 548    | 78 628    | 84 685    | 93 662    |
| 914 884   | 970 741   | 985 564   | 655 131   | 885 168   | 1 122 192 | 1 159 533 | 1 164 446 | 1 084 888 | 998 973   | 1 078 459 |
| 82 480    | 82 081    | 79 874    | 90 174    | 144 769   | 178 964   | 192 521   | 222 347   | 247 815   | 164 152   | 213 863   |
| 13 195    | 13 062    | 13 945    | 12 405    | 16 255    | 17 475    | 18 020    | 19 954    | 19 951    | 18 532    | 23 826    |
| 11 202    | 9 194     | 9 929     | 7 696     | 12 598    | 13 431    | 12 692    | 13 327    | 12 402    | 12 075    | 13 450    |
| 57 728    | 56 615    | 64 483    | 66 487    | 92 272    | 107 084   | 114 761   | 140 720   | 155 073   | 166 354   | 285 038   |
| 94 691    | 96 645    | 107 069   | 78 300    | 116 445   | 165 666   | 183 511   | 204 015   | 204 967   | 194 129   | 241 008   |
| 106 787   | 89 027    | 86 098    | 37 116    | 43 694    | 88 086    | 90 593    | 95 327    | 110 017   | 106 272   | 123 409   |
| 83 137    | 68 955    | 74 022    | 75 851    | 82 319    | 87 205    | 75 240    | 80 117    | 83 056    | 73 182    | 84 464    |
| 132 998   | 116 296   | 105 688   | 97 478    | 101 989   | 92 584    | 94 644    | 89 137    | 83 685    | 77 344    | 91 657    |
| 119 422   | 121 081   | 144 323   | 160 135   | 194 225   | 157 127   | 145 488   | 153 238   | 133 456   | 157 163   | 210 512   |
| 405 749   | 388 507   | 406 227   | 311 594   | 440 887   | 453 271   | 457 167   | 464 911   | 456 494   | 436 859   | 469 099   |
| 38 016    | 40 176    | 42 815    | 33 873    | 49 891    | 53 838    | 53 225    | 56 554    | 59 605    | 59 490    | 64 074    |
| 356 535   | 338 548   | 353 411   | 270 523   | 380 210   | 388 153   | 392 004   | 395 036   | 383 747   | 365 266   | 391 440   |
| 1 876     | 1 605     | 2 195     | 1 213     | 2 144     | 1 999     | 2 097     | 2 445     | 2 190     | 1 773     | 2 116     |
| 2 767     | 2 155     | 2 206     | 1 823     | 2 720     | 2 819     | 3 028     | 3 794     | 3 859     | 3 402     | 3 870     |
| 6 555     | 6 023     | 5 600     | 4 162     | 5 922     | 6 462     | 6 813     | 7 082     | 7 093     | 6 928     | 7 599     |
| 160 728   | 147 610   | 146 730   | 118 273   | 164 032   | 171 665   | 171 816   | 185 553   | 199 952   | 196 120   | 202 394   |
| 4 147     | 3 506     | 3 833     | 3 014     | 3 801     | 4 208     | 3 832     | 4 082     | 4 147     | 4 479     | 4 419     |
| 23 675    | 20 988    | 20 179    | 15 188    | 21 152    | 21 785    | 22 372    | 23 693    | 23 956    | 24 975    | 26 249    |
| 34 769    | 33 687    | 33 470    | 28 476    | 37 063    | 39 626    | 38 602    | 39 372    | 40 129    | 39 372    | 42 280    |
| 12 055    | 10 639    | 10 664    | 7 678     | 10 302    | 10 913    | 10 722    | 11 402    | 12 694    | 12 202    | 12 211    |
| 12 592    | 11 032    | 10 237    | 8 022     | 11 173    | 12 084    | 11 418    | 12 373    | 12 056    | 11 164    | 13 086    |
| 6 325     | 5 909     | 5 639     | 4 486     | 6 114     | 6 341     | 6 360     | 6 719     | 6 225     | 6 393     | 6 509     |
| 4 063     | 3 736     | 3 826     | 2 763     | 4 367     | 4 579     | 4 566     | 4 865     | 5 360     | 5 586     | 5 720     |
| 35 471    | 33 569    | 34 082    | 28 316    | 36 913    | 35 748    | 35 794    | 39 758    | 48 176    | 44 619    | 44 242    |
| 27 631    | 24 544    | 24 800    | 20 330    | 33 147    | 36 381    | 38 150    | 43 289    | 47 209    | 47 330    | 47 678    |
| 38 049    | 36 141    | 37 849    | 31 849    | 50 294    | 55 185    | 51 433    | 61 146    | 67 930    | 65 551    | 71 424    |
| 31 711    | 29 978    | 31 477    | 26 287    | 41 529    | 46 017    | 42 114    | 51 270    | 57 725    | 56 697    | 61 831    |
| 5 973     | 5 768     | 6 124     | 5 272     | 7 512     | 8 015     | 8 189     | 8 612     | 8 972     | 7 850     | 8 546     |
| 365       | 395       | 248       | 290       | 1 253     | 1 153     | 1 130     | 1 264     | 1 233     | 1 004     | 1 047     |
| 8 667     | 8 663     | 9 120     | 7 375     | 9 538     | 9 018     | 8 714     | 8 414     | 8 334     | 7 578     | 8 076     |
| 7 245     | 6 501     | 6 406     | 6 094     | 2 934     | 1 982     | 1 947     | 6 615     | 15 888    | 11 113    | 25 136    |

Table 132. Visitor arrivals and their average expenditures

| Year | Visitor arrivals  |                   | Visitor expenditures  |                   |                            |                                    | Average length of stay (Nights) |
|------|-------------------|-------------------|-----------------------|-------------------|----------------------------|------------------------------------|---------------------------------|
|      | Visitor (Persons) | Increase rate (%) | Amount (Million US\$) | Increase rate (%) | Spending per person (US\$) | Spending per person per day (US\$) |                                 |
| 1981 | 1 409 465         | 1.2               | 1 080                 | 9.3               | 766.5                      | 115.8                              | 6.6                             |
| 1982 | 1 419 178         | 0.7               | 953                   | - 11.8            | 671.5                      | 109.6                              | 6.1                             |
| 1983 | 1 457 404         | 2.7               | 990                   | 3.9               | 679.5                      | 105.2                              | 6.5                             |
| 1984 | 1 516 138         | 4.0               | 1 066                 | 7.7               | 702.8                      | 110.7                              | 6.4                             |
| 1985 | 1 451 659         | - 4.3             | 963                   | - 9.7             | 663.6                      | 101.9                              | 6.5                             |
| 1986 | 1 610 385         | 10.9              | 1 333                 | 38.4              | 827.5                      | 120.5                              | 6.9                             |
| 1987 | 1 760 948         | 9.3               | 1 619                 | 21.5              | 919.5                      | 132.9                              | 6.9                             |
| 1988 | 1 935 134         | 9.9               | 2 289                 | 41.4              | 1 182.9                    | 169.0                              | 7.0                             |
| 1989 | 2 004 126         | 3.6               | 2 698                 | 17.9              | 1 346.4                    | 187.0                              | 7.2                             |
| 1990 | 1 934 084         | - 3.5             | 1 740                 | - 35.5            | 899.9                      | 130.4                              | 6.9                             |
| 1991 | 1 854 506         | - 4.1             | 2 018                 | 16.0              | 1 088.4                    | 148.9                              | 7.3                             |
| 1992 | 1 873 327         | 1.0               | 2 449                 | 21.4              | 1 307.1                    | 174.3                              | 7.5                             |
| 1993 | 1 850 214         | - 1.2             | 2 943                 | 20.2              | 1 590.7                    | 198.1                              | 8.0                             |
| 1994 | 2 127 249         | 15.0              | 3 210                 | 9.1               | 1 509.2                    | 200.2                              | 7.5                             |
| 1995 | 2 331 934         | 9.6               | 3 286                 | 2.4               | 1 409.1                    | 190.9                              | 7.4                             |
| 1996 | 2 358 221         | 1.1               | 3 636                 | 10.7              | 1 542.1                    | 208.4                              | 7.4                             |
| 1997 | 2 372 232         | 0.6               | 3 402                 | - 6.4             | 1 434.3                    | 193.6                              | 7.4                             |
| 1998 | 2 298 706         | - 3.1             | 3 372                 | - 0.9             | 1 466.8                    | 190.3                              | 7.7                             |
| 1999 | 2 411 248         | 4.9               | 3 571                 | 5.9               | 1 481.1                    | 191.4                              | 7.7                             |
| 2000 | 2 624 037         | 8.8               | 3 738                 | 4.7               | 1 424.6                    | 192.5                              | 7.4                             |
| 2001 | 2 831 035         | 7.9               | 4 335                 | 16.0              | 1 531.3                    | 207.8                              | 7.4                             |
| 2002 | 2 977 692         | 5.2               | 4 584                 | 5.7               | 1 539.3                    | 204.2                              | 7.5                             |
| 2003 | 2 248 117         | - 24.5            | 2 976                 | - 35.1            | 1 323.7                    | 166.1                              | 8.0                             |
| 2004 | 2 950 342         | 31.2              | 4 053                 | 36.2              | 1 373.8                    | 180.5                              | 7.6                             |
| 2005 | 3 378 118         | 14.5              | 4 977                 | 22.8              | 1 473.3                    | 207.5                              | 7.1                             |
| 2006 | 3 519 827         | 4.2               | 5 136                 | 3.2               | 1 459.2                    | 210.9                              | 6.9                             |
| 2007 | 3 716 063         | 5.6               | 5 214                 | 1.5               | 1 403.2                    | 215.2                              | 6.5                             |
| 2008 | 3 845 187         | 3.5               | 5 936                 | 13.8              | 1 543.7                    | 211.5                              | 7.3                             |
| 2009 | 4 395 004         | 14.3              | 6 816                 | 14.8              | 1 550.9                    | 216.3                              | 7.2                             |
| 2010 | 5 567 277         | 26.7              | 8 719                 | 27.9              | 1 566.2                    | 221.8                              | 7.1                             |

## FINANCE AND INSURANCE

This chapter is concerned with all sorts of financial statistics, international balance of payments and insurance data. All of the information except for insurance is obtained from the *Financial Statistics Monthly, Republic of China(Taiwan)*, published by the Central Bank. As for the insurance, the information is obtained from the website of the Taiwan Insurance Institute.

The financial institutions refer to financial service institutions organized and registered in accordance with the Banking Law or other decrees. The financial statistics at present classify financial institutions as either monetary institutions or other financial institutions according to whether they are able to create money. The monetary institutions include the Central Bank, domestic banks, local branches of foreign banks, Taiwan business bank, credit cooperatives, credit departments of farmers' and fishermen's associations. With the exception of the Central Bank, all of the monetary institutions are also called the deposit money institutions. The other financial institutions include trust and investment companies, Chunghwa Post Co., money market mutual funds, and life insurance companies. In compilation of financial statistics, property and casualty insurance companies, bills finance companies, and securities finance companies are not considered a part of the financial institutions sector because the liability instruments they offer are significantly different from those offered by financial institutions. Instead, they are viewed as a part of the private enterprises sector.

Stock price index, compiled by the Taiwan Stock Exchange, is a weighted annual index using 1966 as the base year. The index is based on the closing prices of selected issues, using amount issued as the weight and calculated by the Peyres formula. The annual average is derived from the number of total trading days in a year.

Currency held by the public -- This refers to all sectors/departments that hold currency except monetary institutions and the department of savings and remittances, Chunghwa Post Co..

Quasi-Money -- This refers to the time deposits (including general time deposits and negotiable certificates of deposit (NCDs)), time savings deposits, and foreign currency deposits of enterprises and individuals in monetary institutions. In addition, postal deposits are also included. From Jan. 1994 on, it also includes repurchase agreements and non-resident NT deposits. From Oct. 2004 on, it also includes money market mutual funds. From Jan. 2010 on, the carrying values of the host contracts of structured products issued by banks are included.

Reserve Money -- The reserve money comprises all reserves held by deposit money banks and Chunghwa Post Co. and currency held by the public, both of which are monetary liabilities of the Central Bank.

Monetary Aggregate ( $M_{1B}$ ) -- It is composed of currency held by the public and deposit money.

Table 133. Exchange rates, monetary aggregates and reserve money

| End of Year | Exchange rates <sup>1</sup><br>(NT\$ per US\$) |         | Monetary aggregates (M <sub>1B</sub> )<br>(100 Million NT\$) | Reserve money<br>(100 Million NT\$) |
|-------------|--|---------|--|-------------------------------------|
|             | Buying   | Selling |  |                                     |
| 1981        | 37.79  | 37.89   | 4 516  | 2 404                               |
| 1982        | 39.86  | 39.96   | 5 175  | 2 661                               |
| 1983        | 70.22  | 40.32   | 6 129  | 3 155                               |
| 1984        | 39.42  | 39.52   | 6 696  | 3 620                               |
| 1985        | 39.80  | 39.90   | 7 515  | 4 216                               |
| 1986        | 35.45  | 35.55   | 11 379   | 5 499                               |
| 1987        | 28.50  | 28.60   | 15 631   | 6 998                               |
| 1988        | 28.12  | 28.22   | 19 452   | 8 818                               |
| 1989        |  | 26.160  | 20 628   | 11 555                              |
| 1990        |  | 27.108  | 19 256   | 11 564                              |
| 1991        |  | 25.748  | 21 584   | 12 653                              |
| 1992        |  | 25.403  | 24 258   | 14 119                              |
| 1993        |  | 26.626  | 27 971   | 15 014                              |
| 1994        |  | 26.240  | 31 393   | 16 688                              |
| 1995        |  | 27.265  | 31 631   | 16 381                              |
| 1996        |  | 27.491  | 34 261   | 16 525                              |
| 1997        |  | 32.638  | 37 153   | 16 413                              |
| 1998        |  | 32.216  | 38 548   | 16 651                              |
| 1999        |  | 31.395  | 45 072   | 16 433                              |
| 2000        |  | 32.992  | 44 921   | 15 834                              |
| 2001        |  | 34.999  | 50 259   | 14 561                              |
| 2002        |  | 34.753  | 54 916   | 15 688                              |
| 2003        |  | 33.978  | 65 528   | 16 194                              |
| 2004        |  | 31.917  | 73 680   | 17 177                              |
| 2005        |  | 32.850  | 78 711   | 17 585                              |
| 2006        |  | 32.596  | 82 226   | 18 832                              |
| 2007        |  | 32.443  | 82 200   | 19 475                              |
| 2008        |  | 32.860  | 81 537   | 21 254                              |
| 2009        |  | 32.030  | 105 116  | 23 040                              |
| 2010        |  | 30.368  | 114 571  | 25 018                              |

Notes : <sup>1</sup> Before 1989, data refers to spot rate fixed daily by Foreign Exchange Center.  
From 1989 onward, it refers to interbank closing rate.



**Table134. International liquidity**

| End of Year | International reserves minus gold<br>(Million US\$) |                  | Gold reserves |                           |
|-------------|---|------------------|---------------|---------------------------|
|             | Total   | Foreign exchange | Million US\$  | Millions fine troy ounces |
| 1981        | 7 235   | 7 235            | ...           | 3.258                     |
| 1982        | 8 532   | 8 532            | ...           | 3.745                     |
| 1983        | 11 859  | 11 859           | ...           | 4.114                     |
| 1984        | 15 664  | 15 664           | 86.1          | 4.464                     |
| 1985        | 22 556  | 22 556           | 964.4         | 5.012                     |
| 1986        | 46 310  | 46 310           | 1 313.3       | 5.574                     |
| 1987        | 76 748  | 76 748           | 2 697.9       | 7.667                     |
| 1988        | 73 897  | 73 897           | 5 395.3       | 13.487                    |
| 1989        | 73 224  | 73 224           | 5 827.9       | 13.537                    |
| 1990        | 72 441  | 72 441           | 5 623.1       | 13.537                    |
| 1991        | 82 405  | 82 405           | 5 920.2       | 13.537                    |
| 1992        | 82 306  | 82 306           | 6 001.9       | 13.544                    |
| 1993        | 83 573  | 83 573           | 5 724.9       | 13.558                    |
| 1994        | 92 454  | 92 454           | 5 819.2       | 13.565                    |
| 1995        | 90 310  | 90 310           | 5 600.5       | 13.572                    |
| 1996        | 88 038  | 88 038           | 5 555.9       | 13.565                    |
| 1997        | 83 502  | 83 502           | 4 684.1       | 13.565                    |
| 1998        | 90 341  | 90 341           | 4 743.3       | 13.570                    |
| 1999        | 106 200   | 106 200          | 4 861.3       | 13.570                    |
| 2000        | 106 742   | 106 742          | 4 627.6       | 13.560                    |
| 2001        | 122 211   | 122 211          | 4 361.2       | 13.560                    |
| 2002        | 161 656   | 161 656          | 4 390.4       | 13.560                    |
| 2003        | 206 632   | 206 632          | 4 507.5       | 13.620                    |
| 2004        | 241 738   | 241 738          | 4 822.3       | 13.610                    |
| 2005        | 253 290   | 253 290          | 4 662.1       | 13.610                    |
| 2006        | 266 148   | 266 148          | 4 692.0       | 13.610                    |
| 2007        | 270 311   | 270 311          | 4 716.0       | 13.610                    |
| 2008        | 291 707   | 291 707          | 4 681.9       | 13.620                    |
| 2009        | 348 198   | 348 198          | 4 768.9       | 13.620                    |
| 2010        | 382 005   | 382 005          | 5 201.5       | 13.620                    |

Table 135. Interest rates of the Central Bank

Percent per annum

| Effective date of change | Discount | Accommodations with collateral | Accommodations without collateral | Accommodations in foreign <sup>1</sup> currencies |
|--------------------------|----------|--------------------------------|-----------------------------------|---|
| June 27 2003             | 1.375    | 1.750                          | 3.625                             | LIBOR 6M  |
| Oct. 1 2004              | 1.625    | 2.000                          | 3.875                             | LIBOR 6M  |
| Dec. 31                  | 1.750    | 2.125                          | 4.000                             | LIBOR 6M  |
| Mar. 25 2005             | 1.875    | 2.250                          | 4.125                             | LIBOR 6M  |
| July 1                   | 2.000    | 2.375                          | 4.250                             | LIBOR 6M  |
| Sep. 16                  | 2.125    | 2.500                          | 4.375                             | LIBOR 6M  |
| Dec. 23                  | 2.250    | 2.625                          | 4.500                             | LIBOR 6M  |
| Mar. 31 2006             | 2.375    | 2.750                          | 4.625                             | LIBOR 6M  |
| June 30                  | 2.500    | 2.875                          | 4.750                             | LIBOR 6M  |
| Sep. 29                  | 2.625    | 3.000                          | 4.875                             | LIBOR 6M  |
| Dec. 29                  | 2.750    | 3.125                          | 5.000                             | LIBOR 6M  |
| Mar. 30 2007             | 2.875    | 3.250                          | 5.125                             | LIBOR 6M  |
| June 22                  | 3.125    | 3.500                          | 5.375                             | LIBOR 6M  |
| Sep. 21                  | 3.250    | 3.625                          | 5.500                             | LIBOR 6M  |
| Dec. 21                  | 3.375    | 3.750                          | 5.625                             | LIBOR 6M  |
| Mar. 28 2008             | 3.500    | 3.875                          | 5.750                             | LIBOR 6M  |
| June 27                  | 3.625    | 4.000                          | 5.875                             | LIBOR 6M  |
| Sep. 26                  | 3.500    | 3.875                          | 5.750                             | LIBOR 6M  |
| Oct. 9                   | 3.250    | 3.625                          | 5.500                             | LIBOR 6M  |
| Oct. 30                  | 3.000    | 3.375                          | 5.250                             | LIBOR 6M  |
| Nov. 10                  | 2.750    | 3.125                          | 5.000                             | LIBOR 6M  |
| Dec. 12                  | 2.000    | 2.375                          | 4.250                             | LIBOR 6M  |
| Jan. 8 2009              | 1.500    | 1.875                          | 3.750                             | LIBOR 6M  |
| Feb. 19                  | 1.250    | 1.625                          | 3.500                             | LIBOR 6M  |
| June 25 2010             | 1.375    | 1.750                          | 3.625                             | LIBOR 6M  |
| Oct. 1                   | 1.500    | 1.875                          | 3.750                             | LIBOR 6M  |
| Dec. 31                  | 1.625    | 2.000                          | 3.875                             | LIBOR 6M  |

Notes : <sup>1</sup> Beginning Nov. 24, 1994, the rates of accommodations in foreign currencies have been fixed to the LIBOR rates for six-month USD two business days before as displayed on telerate screen 3750.

**Table 136. Stock price index and money market interest rates**

Percent per annum

| Year | Stock price index<br>(1966=100) | Interbank call loans <sup>1</sup> | Money market rates, treasury bill rate |             |              |
|------|---------------------------------|-----------------------------------|--|-------------|--------------|
|      |                                 |                                   | 1-91 days                              | 92-182 days | 183-364 days |
| 1996 | 6 003.72                        | 5.44                              | 5.13                                   | 6.05        | -            |
| 1997 | 8 410.56                        | 6.85                              | 6.88                                   | 6.89        | -            |
| 1998 | 7 737.68                        | 6.56                              | 4.74                                   | 5.15        | -            |
| 1999 | 7 426.69                        | 4.77                              | 4.83                                   | 4.93        | 4.94         |
| 2000 | 7 847.21                        | 4.73                              | -                                      | 4.91        | 4.94         |
| 2001 | 4 907.43                        | 3.69                              | -                                      | 3.90        | 2.42         |
| 2002 | 5 225.61                        | 2.05                              | -                                      | -           | 2.16         |
| 2003 | 5 161.90                        | 1.10                              | -                                      | 1.06        | 1.05         |
| 2004 | 6 033.78                        | 1.06                              | -                                      | 1.15        | 1.22         |
| 2005 | 6 092.27                        | 1.31                              | 1.35                                   | 1.29        | 1.54         |
| 2006 | 6 842.04                        | 1.55                              | -                                      | 1.66        | -            |
| 2007 | 8 509.56                        | 2.00                              | -                                      | -           | 2.05         |
| 2008 | 7 024.06                        | 2.01                              | -                                      | 1.80        | 1.87         |
| 2009 | 6 459.56                        | 0.11                              | 0.25                                   | 0.16        | 0.26         |
| 2010 | 7 949.63                        | 0.19                              | 0.32                                   | 0.45        | 0.61         |

Notes : <sup>1</sup>Prior to Nov. 1994, the figure comprised the weighted average for all maturities, an overnight weighted rate being adopted thereafter.

**Table 137. Weighted average interest rates on loans**

Percent per annum

| Year | Domestic banks <sup>1</sup> | Local branches of<br>foreign banks | Medium business<br>banks | Credit cooperatives | Credit dept. of<br>farmers' and<br>fishermen's assn. | Investment and<br>trust companies |
|------|-----------------------------|------------------------------------|--------------------------|---------------------|--|-----------------------------------|
| 1996 | 8.55                        | 9.39                               | 9.47                     | 9.62                | 9.56   | 9.73                              |
| 1997 | 8.25                        | 9.69                               | 8.94                     | 9.16                | 9.23   | 9.08                              |
| 1998 | 8.48                        | 10.37                              | 8.96                     | 9.03                | 9.22   | 8.87                              |
| 1999 | 8.03                        | 10.14                              | 8.14                     | 8.64                | 8.72   | 8.53                              |
| 2000 | 7.61                        | 9.63                               | 7.61                     | 8.24                | 8.39   | 8.26                              |
| 2001 | 6.99                        | 9.14                               | 6.88                     | 7.70                | 7.84   | 7.30                              |
| 2002 | 5.53                        | 7.27                               | 5.66                     | 6.39                | 6.74   | 6.55                              |
| 2003 | 4.10                        | 5.70                               | 4.37                     | 4.64                | 5.16   | 5.01                              |
| 2004 | 3.66                        | 4.36                               | 3.67                     | 3.59                | 4.01   | 3.96                              |
| 2005 | 3.67                        | 2.88                               | 3.42                     | 3.35                | 3.51   | 3.69                              |
| 2006 | 3.49                        | 2.88                               | 3.20                     | 3.35                | 3.29   | 3.50                              |
| 2007 | 3.36                        | 2.98                               | 3.10                     | 3.39                | 3.30   | 3.70                              |
| 2008 | 3.47                        | 3.21                               | 3.25                     | 3.58                | 3.42   | 3.82                              |
| 2009 | 2.08                        | 2.01                               | 1.96                     | 2.38                | 2.27   | -                                 |
| 2010 | 1.98                        | 1.42                               | 1.76                     | 2.32                | 2.13   | -                                 |

Notes : <sup>1</sup>Beginning 2004, the figures for domestic banks exclude preferred deposits of retired government employees and central government loans.

**Table 138. Consolidated assets and liabilities**

| End of year                                  | 2001       | 2002       | 2003       | 2004       |
|--|------------|------------|------------|------------|
| Assets (net)=lia. & net worth (net)          | 22 564 013 | 23 364 934 | 25 343 768 | 27 187 876 |
| <b>Assets</b>                                |            |            |            |            |
| Foreign assets                               | 6 002 790  | 7 319 788  | 8 847 602  | 9 300 710  |
| Loans and discounts                          | 14 031 735 | 13 727 077 | 14 323 817 | 15 857 554 |
| Portfolio investments                        | 2 282 561  | 2 077 753  | 1 974 473  | 1 825 223  |
| Claims on other financial institutions       | 49 430     | 46 013     | 35 666     | 33 380     |
| Real estate investments                      | 45 623     | 38 539     | 281        | 281        |
| Cash in vaults                               | 151 874    | 155 764    | 161 929    | 170 728    |
| <b>Liabilities &amp; net worth</b>           |            |            |            |            |
| Foreign liabilities                          | 539 787    | 704 089    | 1 133 784  | 1 386 852  |
| Currency issued                              | 692 912    | 698 460    | 785 164    | 856 951    |
| Deposits held by enterprises and individuals | 15 725 930 | 16 129 129 | 17 111 869 | 18 302 725 |
| Government deposits                          | 942 423    | 885 621    | 923 788    | 919 153    |
| Due to other financial institutions          | 3 126 892  | 3 034 020  | 2 993 720  | 2 919 709  |
| Bank debentures issued                       | 202 611    | 377 303    | 541 227    | 709 051    |
| Net worth                                    | 2 470 401  | 2 537 077  | 2 770 325  | 2 531 923  |
| Other items (net)                            | -1 136 943 | -1 000 765 | - 916 109  | - 438 488  |

**Table 139. Consolidated assets and liabilities**

| End of year   | 2001       | 2002       | 2003       | 2004       |
|---|------------|------------|------------|------------|
| Assets (net)=lia. & net worth (net)   | 25 629 805 | 27 176 004 | 29 875 387 | 32 531 284 |
| <b>Assets</b>   |            |            |            |            |
| Foreign assets  | 6 352 382  | 7 871 456  | 9 966 938  | 10 712 940 |
| Loans and discounts   | 15 067 541 | 14 760 107 | 15 328 300 | 16 852 463 |
| Portfolio investments   | 3 772 995  | 4 082 440  | 4 151 309  | 4 519 940  |
| Real estate investments   | 268 112    | 286 700    | 250 618    | 257 420    |
| Cash in vaults  | 168 775    | 175 301    | 178 222    | 188 521    |
| <b>Liabilities &amp; net worth</b>  |            |            |            |            |
| Foreign liabilities   | 540 096    | 704 305    | 1 139 591  | 1 389 579  |
| Currency issued   | 692 912    | 698 460    | 785 164    | 856 951    |
| Deposits & money market mutual funds held<br>by enterprises and individuals | 18 775 362 | 19 190 814 | 20 225 380 | 21 630 202 |
| Government deposits   | 949 400    | 890 155    | 929 697    | 925 284    |
| Trust funds   | 700 131    | 955 769    | 1 370 028  | 1 586 074  |
| Life insurance reserves   | 2 919 504  | 3 494 402  | 4 148 006  | 4 873 543  |
| Bank debentures issued  | 202 611    | 377 303    | 541 227    | 709 051    |
| Net worth   | 2 681 307  | 2 721 955  | 3 055 453  | 2 845 363  |
| Other items (net)   | -1 831 518 | -1 857 159 | -2 319 159 | -2 284 763 |

**of monetary institution**

Million NT\$

| 2005       | 2006       | 2007       | 2008       | 2009       | 2010       |
|------------|------------|------------|------------|------------|------------|
| 29 653 996 | 30 890 226 | 31 615 373 | 33 655 078 | 35 241 318 | 36 210 003 |
| 10 434 530 | 10 983 878 | 11 363 119 | 12 934 231 | 14 565 944 | 14 358 178 |
| 17 136 590 | 17 561 347 | 18 001 918 | 18 461 595 | 18 603 498 | 19 862 154 |
| 1 893 765  | 2 160 147  | 2 048 930  | 2 055 668  | 1 870 943  | 1 770 018  |
| 12 941     | 3 080      | 19 043     | 7 010      | 12 660     | 29 153     |
| 281        | 1          | 1          | 1          | 1          | 1          |
| 175 889    | 181 773    | 182 362    | 196 573    | 188 272    | 190 499    |
| 1 988 576  | 1 913 686  | 1 996 370  | 2 150 533  | 1 731 142  | 1 940 770  |
| 922 910    | 959 792    | 961 715    | 1 054 290  | 1 122 754  | 1 204 824  |
| 19 426 561 | 20 295 678 | 20 503 450 | 22 178 577 | 23 658 611 | 24 891 667 |
| 923 826    | 888 248    | 888 972    | 871 636    | 894 562    | 974 594    |
| 2 897 003  | 2 834 839  | 3 054 499  | 2 969 641  | 3 227 530  | 3 109 406  |
| 811 192    | 925 915    | 900 327    | 878 048    | 797 961    | 800 783    |
| 2 722 605  | 2 933 058  | 3 306 161  | 3 370 618  | 3 332 673  | 2 972 637  |
| - 38 677   | 139 010    | 3 879      | 181 735    | 476 085    | 315 322    |

**of financial institution**

Million NT\$

| 2005       | 2006       | 2007       | 2008       | 2009 <sup>r</sup> | 2010       |
|------------|------------|------------|------------|-------------------|------------|
| 36 024 614 | 38 425 821 | 39 629 701 | 42 218 832 | 44 959 182        | 47 300 955 |
| 12 382 522 | 13 278 845 | 13 927 717 | 15 592 614 | 17 709 233        | 18 080 360 |
| 18 166 221 | 18 709 910 | 19 200 570 | 19 734 090 | 19 806 154        | 21 060 465 |
| 5 043 060  | 5 972 715  | 6 006 318  | 6 345 753  | 6 840 454         | 7 538 075  |
| 239 726    | 262 635    | 295 320    | 324 878    | 392 676           | 412 612    |
| 193 085    | 201 716    | 199 776    | 221 497    | 210 665           | 209 443    |
| 1 988 874  | 1 913 993  | 1 996 647  | 2 150 809  | 1 731 412         | 1 941 007  |
| 922 910    | 959 792    | 961 715    | 1 054 290  | 1 122 754         | 1 204 824  |
| 23 088 559 | 24 302 352 | 24 546 195 | 26 413 363 | 28 082 096        | 29 391 589 |
| 931 901    | 901 968    | 932 044    | 948 229    | 1 005 609         | 1 047 773  |
| 1 856 404  | 2 496 023  | 3 420 323  | 2 885 596  | 3 075 211         | 3 105 832  |
| 5 704 449  | 6 434 160  | 7 140 109  | 7 839 316  | 8 969 442         | 10 214 227 |
| 811 192    | 925 915    | 900 327    | 878 048    | 797 961           | 800 783    |
| 3 058 598  | 3 515 992  | 3 818 543  | 3 594 489  | 3 844 889         | 3 540 755  |
| -2 338 273 | -3 024 374 | -4 086 202 | -3 545 308 | -3 670 192        | -3 945 835 |

Table 140. Number

| End of Year | Domestic general banks |               | Local branches of<br>foreign banks in<br>Taiwan | Credit co-operative<br>associations | Credit departments<br>of farmer<br>associations | Credit departments<br>of fishermen's<br>associations |
|-------------|------------------------|---------------|---|-------------------------------------|---|--|
|             | Head office            | Branch office |   |                                     |   |  |
| 1981        | 15                     | 564           | 24  | 75                                  | 281   | 4  |
| 1982        | 16                     | 581           | 25  | 75                                  | 283   | 4  |
| 1983        | 16                     | 556           | 28  | 75                                  | 283   | 12   |
| 1984        | 16                     | 561           | 31  | 75                                  | 282   | 16   |
| 1985        | 16                     | 585           | 32  | 75                                  | 283   | 17   |
| 1986        | 16                     | 601           | 32  | 75                                  | 284   | 19   |
| 1987        | 16                     | 632           | 32  | 74                                  | 282   | 19   |
| 1988        | 16                     | 663           | 32  | 74                                  | 282   | 22   |
| 1989        | 16                     | 692           | 33  | 74                                  | 285   | 22   |
| 1990        | 16                     | 721           | 35  | 74                                  | 285   | 24   |
| 1991        | 17                     | 756           | 36  | 74                                  | 285   | 26   |
| 1992        | 32                     | 897           | 36  | 74                                  | 285   | 27   |
| 1993        | 33                     | 1 030         | 37  | 74                                  | 285   | 27   |
| 1994        | 34                     | 1 174         | 37  | 74                                  | 285   | 27   |
| 1995        | 34                     | 1 361         | 38  | 73                                  | 285   | 27   |
| 1996        | 34                     | 1 464         | 41  | 73                                  | 285   | 27   |
| 1997        | 39                     | 1 685         | 45  | 64                                  | 287   | 27   |
| 1998        | 42                     | 2 052         | 46  | 54                                  | 287   | 27   |
| 1999        | 47                     | 2 288         | 41  | 50                                  | 287   | 27   |
| 2000        | 48                     | 2 411         | 39  | 48                                  | 287   | 27   |
| 2001        | 48                     | 2 712         | 38  | 39                                  | 260   | 25   |
| 2002        | 47                     | 2 781         | 36  | 37                                  | 253   | 25   |
| 2003        | 45                     | 2 884         | 36  | 35                                  | 253   | 25   |
| 2004        | 45                     | 2 944         | 35  | 32                                  | 254   | 25   |
| 2005        | 42                     | 2 995         | 36  | 29                                  | 253   | 25   |
| 2006        | 40                     | 3 102         | 33  | 28                                  | 253   | 25   |
| 2007        | 39                     | 3 189         | 32  | 27                                  | 261   | 25   |
| 2008        | 37                     | 3 140         | 32  | 27                                  | 264   | 25   |
| 2009        | 37                     | 3 155         | 32  | 26                                  | 275   | 25   |
| 2010        | 37                     | 3 210         | 28  | 26                                  | 276   | 25   |

Notes : <sup>1</sup> Excludes postal agencies since 2010.<sup>2</sup> Includes the Department of Life Insurance, Chunghwa Post Co.

**of financial institutions**

Numbers

| Medium<br>business<br>banks | The postal savings system |                            | Investment<br>and trust<br>companies | Reinsurance<br>corporation | Life insurance <sup>2</sup><br>companies | Property &<br>casualty<br>insurance<br>companies | Bills finance<br>companies | Securities<br>finance<br>companies |
|-----------------------------|---------------------------|----------------------------|--------------------------------------|----------------------------|--|--|----------------------------|------------------------------------|
|                             | Head office               | Branch office <sup>1</sup> |                                      |                            |  |  |                            |                                    |
| 8                           | 1                         | 1 511                      | 8                                    | 1                          | 9  | 14   | 3                          | 1                                  |
| 8                           | 1                         | 1 494                      | 8                                    | 1                          | 9  | 14   | 3                          | 1                                  |
| 8                           | 1                         | 1 528                      | 8                                    | 1                          | 9  | 14   | 3                          | 1                                  |
| 8                           | 1                         | 1 570                      | 8                                    | 1                          | 9  | 14   | 3                          | 1                                  |
| 8                           | 1                         | 1 591                      | 8                                    | 1                          | 8  | 14   | 3                          | 1                                  |
| 8                           | 1                         | 1 578                      | 8                                    | 1                          | 8  | 14   | 3                          | 1                                  |
| 8                           | 1                         | 1 579                      | 8                                    | 1                          | 8  | 14   | 3                          | 1                                  |
| 8                           | 1                         | 1 583                      | 8                                    | 1                          | 8  | 14   | 3                          | 1                                  |
| 8                           | 1                         | 1 574                      | 8                                    | 1                          | 11                                       | 19   | 3                          | 1                                  |
| 8                           | 1                         | 1 582                      | 8                                    | 1                          | 15                                       | 19   | 3                          | 1                                  |
| 8                           | 1                         | 1 573                      | 8                                    | 1                          | 15                                       | 21   | 3                          | 1                                  |
| 8                           | 1                         | 1 576                      | 7                                    | 1                          | 22                                       | 22   | 3                          | 1                                  |
| 8                           | 1                         | 1 585                      | 7                                    | 1                          | 27                                       | 23   | 3                          | 1                                  |
| 8                           | 1                         | 1 603                      | 6                                    | 1                          | 28                                       | 22   | 3                          | 1                                  |
| 8                           | 1                         | 1 515                      | 5                                    | 1                          | 29                                       | 22   | 10                         | 4                                  |
| 8                           | 1                         | 1 523                      | 5                                    | 1                          | 30                                       | 25   | 12                         | 4                                  |
| 8                           | 1                         | 1 527                      | 5                                    | 1                          | 32                                       | 26   | 14                         | 4                                  |
| 6                           | 1                         | 1 539                      | 4                                    | 1                          | 33                                       | 25   | 16                         | 4                                  |
| 5                           | 1                         | 1 547                      | 3                                    | 1                          | 33                                       | 27   | 16                         | 4                                  |
| 5                           | 1                         | 1 556                      | 3                                    | 1                          | 32                                       | 26   | 16                         | 4                                  |
| 5                           | 1                         | 1 567                      | 3                                    | 1                          | 28                                       | 27   | 15                         | 4                                  |
| 5                           | 1                         | 1 466                      | 3                                    | 1                          | 29                                       | 24   | 14                         | 4                                  |
| 5                           | 1                         | 1 445                      | 3                                    | 1                          | 29                                       | 24   | 14                         | 4                                  |
| 4                           | 1                         | 1 443                      | 3                                    | 1                          | 28                                       | 24   | 14                         | 4                                  |
| 4                           | 1                         | 1 444                      | 2                                    | 1                          | 29                                       | 23   | 14                         | 4                                  |
| 3                           | 1                         | 1 443                      | 2                                    | 1                          | 29                                       | 23   | 12                         | 4                                  |
| 1                           | 1                         | 1 444                      | 1                                    | 1                          | 29                                       | 22   | 12                         | 4                                  |
| 1                           | 1                         | 1 444                      | -                                    | 1                          | 30                                       | 21   | 10                         | 4                                  |
| 1                           | 1                         | 1 444                      | -                                    | 1                          | 30                                       | 20   | 10                         | 4                                  |
| 1                           | 1                         | 1 321                      | -                                    | 1                          | 30                                       | 20   | 9                          | 2                                  |

Table 141 Balance

| Item                                   | 2001      | 2002      | 2003      |
|--|-----------|-----------|-----------|
| A Current Account                      | 18 936    | 26 357    | 30 504    |
| Goods: exports fob                     | 126 247   | 135 268   | 150 597   |
| Goods: imports fob                     | - 105 686 | - 110 348 | - 124 460 |
| Balance on Goods                       | 20 561    | 24 920    | 26 137    |
| Services: credit                       | 19 895    | 21 635    | 23 166    |
| Services: debit                        | - 24 465  | - 24 719  | - 25 635  |
| Balance on Goods and Services          | 15 991    | 21 836    | 23 668    |
| Income: credit                         | 9 327     | 10 334    | 12 991    |
| Income: debit                          | - 3 648   | - 3 321   | - 3 436   |
| Balance on Goods , Services and Income | 21 670    | 28 849    | 33 223    |
| Current transfers: credit              | 2 607     | 2 621     | 2 673     |
| Current Transfers: debit               | - 5 341   | - 5 113   | - 5 392   |
| B Capital Account                      | - 163     | - 139     | - 87      |
| Capital account: credit                | ...       | 1         | 1         |
| Capital account: debit                 | - 163     | - 140     | - 88      |
| Total, Groups A plus B                 | 18 773    | 26 218    | 30 417    |
| C Financial Account                    | - 384     | 8 749     | 7 628     |
| Direct investment abroad               | - 5 480   | - 4 886   | - 5 682   |
| Direct investment in Taiwan, ROC       | 4 109     | 1 445     | 453       |
| Portfolio investment assets            | - 11 347  | - 15 442  | - 34 763  |
| Equity securities                      | - 8 649   | - 9 142   | - 9 850   |
| Debt securities                        | - 2 698   | - 6 300   | - 24 913  |
| Portfolio investment liabilities       | 11 119    | 6 616     | 29 566    |
| Equity securities                      | 11 298    | 3 636     | 25 197    |
| Debt securities                        | - 179     | 2 980     | 4 369     |
| Financial derivatives                  | - 1 063   | - 242     | - 215     |
| Financial derivatives assets           | 535       | 400       | 519       |
| Financial derivatives liabilities      | - 1 598   | - 642     | - 734     |
| Other investment assets                | - 1 770   | 11 990    | 3 939     |
| Monetary authorities                   | ...       | ...       | ...       |
| General government                     | 8         | 2         | 33        |
| Banks                                  | - 7 341   | 3 022     | - 1 994   |
| Other sectors                          | 5 563     | 8 966     | 5 900     |
| Other investment liabilities           | 4 048     | 9 268     | 14 330    |
| Monetary authorities                   | ...       | ...       | ...       |
| General government                     | - 4       | - 5       | - 8       |
| Banks                                  | 636       | 4 677     | 11 391    |
| Other sectors                          | 3 416     | 4 596     | 2 947     |
| Total , Groups A through C             | 18 389    | 34 967    | 38 045    |
| D Net Errors And Omissions             | - 1 036   | - 1 303   | - 953     |
| Total , Groups A through D             | 17 353    | 33 664    | 37 092    |
| E Reserves and Related Items           | - 17 353  | - 33 664  | - 37 092  |
| Reserve assets                         | - 17 353  | - 33 664  | - 37 092  |
| Use of Fund credit and loans           | -         | -         | -         |
| Exceptional financing                  | -         | -         | -         |



## of payments

Million US\$

| 2004      | 2005      | 2006      | 2007      | 2008      | 2009 <sup>r</sup> | 2010      |
|-----------|-----------|-----------|-----------|-----------|-------------------|-----------|
| 19 728    | 17 578    | 26 322    | 35 154    | 27 505    | 42 911            | 39 899    |
| 182 362   | 198 456   | 223 785   | 246 500   | 254 897   | 203 399           | 273 823   |
| - 164 999 | - 179 000 | - 199 566 | - 216 055 | - 236 419 | - 172 846         | - 247 310 |
| 17 363    | 19 456    | 24 219    | 30 445    | 18 478    | 30 553            | 26 513    |
| 25 789    | 25 827    | 29 272    | 33 286    | 36 829    | 31 774            | 40 516    |
| - 30 731  | - 32 480  | - 32 815  | - 34 926  | - 34 982  | - 29 783          | - 37 867  |
| 12 421    | 12 803    | 20 676    | 28 805    | 20 325    | 32 544            | 29 162    |
| 15 485    | 17 394    | 19 338    | 23 500    | 23 277    | 20 339            | 23 133    |
| - 4 353   | - 8 355   | - 9 757   | - 13 368  | - 13 299  | - 7 827           | - 9 686   |
| 23 553    | 21 842    | 30 257    | 38 937    | 30 303    | 45 056            | 42 609    |
| 3 170     | 3 463     | 3 837     | 4 689     | 5 526     | 4 902             | 5 251     |
| - 6 995   | - 7 727   | - 7 772   | - 8 472   | - 8 324   | - 7 047           | - 7 961   |
| - 77      | - 117     | - 118     | - 96      | - 334     | - 96              | - 116     |
| 6         | 1         | 4         | 3         | 3         | 2                 | 5         |
| - 83      | - 118     | - 122     | - 99      | - 337     | - 98              | - 121     |
| 19 651    | 17 461    | 26 204    | 35 058    | 27 171    | 42 815            | 39 783    |
| 7 169     | 2 302     | - 19 620  | - 38 951  | - 1 660   | 13 469            | 66        |
| - 7 145   | - 6 028   | - 7 399   | - 11 107  | - 10 287  | - 5 877           | - 11 553  |
| 1 898     | 1 625     | 7 424     | 7 769     | 5 432     | 2 805             | 2 492     |
| - 21 823  | - 33 902  | - 40 779  | - 44 966  | 3 527     | - 31 699          | - 33 487  |
| - 8 167   | - 12 464  | - 18 467  | - 35 697  | - 4 573   | - 21 197          | - 12 274  |
| - 13 656  | - 21 438  | - 22 312  | - 9 269   | 8 100     | - 10 502          | - 21 213  |
| 17 154    | 31 045    | 21 814    | 4 904     | - 15 777  | 21 372            | 12 824    |
| 14 092    | 34 826    | 22 662    | 5 599     | - 15 418  | 19 427            | 9 986     |
| 3 062     | - 3 781   | - 848     | - 695     | - 359     | 1 945             | 2 838     |
| - 843     | - 1 003   | - 965     | - 289     | 1 589     | 852               | 626       |
| 888       | 909       | 1 930     | 3 691     | 7 938     | 5 344             | 4 792     |
| - 1 731   | - 1 912   | - 2 895   | - 3 980   | - 6 349   | - 4 492           | - 4 166   |
| 408       | - 6 254   | - 1 266   | - 6 847   | 10 621    | 25 663            | 11 932    |
| ...       | ...       | ...       | ...       | ...       | ...               | ...       |
| 32        | -         | - 4       | 11        | 7         | - 2               | 13        |
| - 6 754   | - 9 421   | - 5 525   | - 10 158  | - 16 726  | 707               | 827       |
| 7 130     | 3 167     | 4 263     | 3 300     | 27 340    | 24 958            | 11 092    |
| 17 520    | 16 819    | 1 551     | 11 585    | 3 235     | 353               | 17 232    |
| 898       | 9 250     | - 3 311   | - 7 300   | - 3 116   | -                 | -         |
| - 6       | -         | 6         | - 6       | -         | -                 | -         |
| 13 957    | 5 352     | 1 993     | 16 118    | - 49      | - 9 741           | 15 480    |
| 2 671     | 2 217     | 2 863     | 2 773     | 6 400     | 10 094            | 1 752     |
| 26 820    | 19 763    | 6 584     | - 3 893   | 25 511    | 56 284            | 39 849    |
| - 225     | 293       | - 498     | - 127     | 763       | - 2 158           | 324       |
| 26 595    | 20 056    | 6 086     | - 4 020   | 26 274    | 54 126            | 40 173    |
| - 26 595  | - 20 056  | - 6 086   | 4 020     | - 26 274  | - 54 126          | - 40 173  |
| - 26 595  | - 20 056  | - 6 086   | 4 020     | - 26 274  | - 54 126          | - 40 173  |
| -         | -         | -         | -         | -         | -                 | -         |
| -         | -         | -         | -         | -         | -                 | -         |

Table 142. Direct written premiums

| Year | Total   | Fire   | Marine    |              |             |                       |
|------|---------|--------|-----------|--------------|-------------|-----------------------|
|      |         |        | Sub-total | Marine cargo | Marine hull | Fishing vessel        |
|      |         |        |           |              |             | <b>Direct written</b> |
| 2001 | 90 830  | 19 754 | 6 693     | 4 298        | 1 630       | 765                   |
| 2002 | 101 434 | 23 627 | 7 369     | 4 705        | 1 922       | 742                   |
| 2003 | 109 469 | 24 178 | 7 738     | 5 286        | 1 723       | 730                   |
| 2004 | 115 468 | 22 101 | 8 357     | 5 860        | 1 766       | 732                   |
| 2005 | 118 502 | 22 036 | 8 665     | 5 907        | 1 985       | 773                   |
| 2006 | 114 106 | 21 918 | 8 910     | 6 109        | 2 072       | 729                   |
| 2007 | 112 583 | 21 881 | 9 219     | 6 415        | 2 085       | 719                   |
| 2008 | 107 742 | 21 548 | 8 937     | 6 397        | 1 893       | 647                   |
| 2009 | 101 859 | 18 705 | 7 637     | 5 085        | 1 914       | 639                   |
| 2010 | 105 806 | 17 365 | 8 484     | 5 763        | 2 069       | 652                   |
|      |         |        |           |              |             | <b>Direct</b>         |
| 2001 | 67 611  | 19 098 | 4 330     | 2 617        | 1 158       | 555                   |
| 2002 | 47 287  | 2 877  | 2 695     | 1 757        | 584         | 354                   |
| 2003 | 49 604  | 2 606  | 3 322     | 2 172        | 696         | 454                   |
| 2004 | 52 229  | 4 741  | 5 029     | 2 270        | 2 112       | 647                   |
| 2005 | 65 874  | 13 470 | 4 243     | 2 261        | 1 206       | 776                   |
| 2006 | 55 153  | 4 767  | 5 529     | 4 032        | 1 017       | 479                   |
| 2007 | 51 273  | 3 736  | 7 413     | 2 691        | 4 197       | 526                   |
| 2008 | 50 092  | 5 525  | 5 158     | 3 068        | 1 492       | 597                   |
| 2009 | 54 774  | 5 373  | 5 907     | 2 809        | 2 414       | 684                   |
| 2010 | 62 247  | 14 386 | 3 855     | 2 568        | 1 044       | 243                   |

**and direct losses by line of business**

Million NT\$

| Automobile      | Aviation | Other property & casualty |             |           |        |        |
|-----------------|----------|---------------------------|-------------|-----------|--------|--------|
|                 |          | Sub-total                 | Engineering | Liability | Credit | Others |
| <b>premiums</b> |          |                           |             |           |        |        |
| 47 254          | 2 390    | 14 738                    | 4 585       | 4 440     | 2 326  | 3 387  |
| 48 659          | 3 908    | 17 870                    | 6 267       | 5 476     | 2 675  | 3 452  |
| 50 387          | 3 840    | 23 325                    | 6 865       | 5 799     | 2 686  | 7 976  |
| 55 048          | 3 193    | 26 769                    | 7 057       | 6 159     | 3 053  | 10 501 |
| 58 862          | 1 971    | 26 968                    | 5 711       | 6 217     | 3 193  | 11 847 |
| 57 334          | 1 529    | 24 415                    | 5 318       | 5 778     | 1 557  | 11 762 |
| 55 550          | 1 365    | 24 567                    | 5 315       | 6 157     | 967    | 12 128 |
| 52 547          | 1 077    | 23 633                    | 4 431       | 5 946     | 922    | 12 335 |
| 50 276          | 1 153    | 24 087                    | 4 808       | 6 023     | 969    | 12 287 |
| 52 658          | 1 261    | 26 038                    | 4 156       | 6 567     | 1 222  | 14 094 |
| <b>losses</b>   |          |                           |             |           |        |        |
| 30 435          | 299      | 13 450                    | 6 532       | 2 317     | 2 303  | 2 298  |
| 29 770          | 4 192    | 7 753                     | - 300       | 2 625     | 3 444  | 1 984  |
| 31 671          | 3 612    | 8 392                     | 1 745       | 2 130     | 2 299  | 2 219  |
| 33 735          | - 1 567  | 10 291                    | 2 554       | 2 246     | 2 120  | 3 371  |
| 35 609          | - 335    | 12 887                    | 2 062       | 2 631     | 3 791  | 4 404  |
| 34 215          | - 905    | 11 547                    | 2 131       | 2 190     | 1 950  | 5 276  |
| 31 001          | 1 229    | 7 894                     | 1 132       | 1 715     | 528    | 4 518  |
| 29 745          | 15       | 9 649                     | 1 381       | 2 173     | 1 114  | 4 981  |
| 29 682          | - 84     | 13 897                    | 3 978       | 2 930     | 839    | 6 149  |
| 32 611          | 109      | 11 286                    | 2 341       | 3 017     | - 170  | 6 097  |

Table 143. New business and business

| Year | Individual insurance |                          |            |                          |            |                          |           |                          |
|------|----------------------|--------------------------|------------|--------------------------|------------|--------------------------|-----------|--------------------------|
|      | Life                 |                          | Accident   |                          | Health     |                          | Annuity   |                          |
|      | No.                  | Amount<br>(Million NT\$) | No.        | Amount<br>(Million NT\$) | No.        | Amount<br>(Million NT\$) | No.       | Amount<br>(Million NT\$) |
|      | <b>New</b>           |                          |            |                          |            |                          |           |                          |
| 2001 | 3 698 792            | 2 359 730                | 11 673 715 | 22 865 984               | 6 682 648  | 1 582 394                | 6 586     | 1 212                    |
| 2002 | 3 191 511            | 1 770 310                | 11 166 365 | 22 997 594               | 4 619 286  | 1 360 078                | 15 405    | 6 340                    |
| 2003 | 3 426 971            | 1 789 532                | 9 711 760  | 17 066 893               | 3 846 550  | 639 567                  | 86 872    | 52 100                   |
| 2004 | 3 090 827            | 2 430 330                | 8 834 729  | 18 013 343               | 3 188 577  | 467 226                  | 190 144   | 116 399                  |
| 2005 | 3 571 244            | 2 501 124                | 10 631 629 | 18 864 224               | 3 406 040  | 573 926                  | 137 270   | 95 077                   |
| 2006 | 3 583 281            | 2 879 530                | 10 381 392 | 20 591 574               | 3 593 323  | 646 212                  | 114 691   | 58 229                   |
| 2007 | 4 099 960            | 4 057 743                | 9 706 777  | 19 677 313               | 4 063 773  | 718 760                  | 217 817   | 97 301                   |
| 2008 | 3 287 066            | 2 205 255                | 10 702 947 | 19 609 768               | 3 583 680  | 1 381 566                | 470 302   | 201 412                  |
| 2009 | 2 793 206            | 1 895 241                | 8 950 783  | 18 524 776               | 4 155 965  | 1 096 920                | 302 499   | 189 725                  |
| 2010 | 3 002 090            | 1 936 221                | 6 938 357  | 17 664 062               | 3 380 418  | 726 156                  | 347 866   | 433 864                  |
|      | <b>Business</b>      |                          |            |                          |            |                          |           |                          |
| 2001 | 26 538 456           | 21 534 349               | 30 491 427 | 27 395 546               | 37 056 126 | 10 816 436               | 7 430     | 1 331                    |
| 2002 | 28 166 962           | 22 283 962               | 31 794 615 | 30 026 984               | 39 907 110 | 8 840 559                | 21 324    | 6 879                    |
| 2003 | 32 054 890           | 24 374 020               | 32 787 178 | 31 691 471               | 41 050 153 | 9 084 062                | 100 080   | 54 641                   |
| 2004 | 33 614 301           | 26 118 419               | 32 892 325 | 22 730 236               | 42 807 183 | 9 323 318                | 280 337   | 165 576                  |
| 2005 | 35 609 430           | 27 811 340               | 34 388 606 | 23 032 912               | 44 730 527 | 9 681 974                | 389 659   | 245 350                  |
| 2006 | 37 314 888           | 29 570 356               | 35 341 615 | 23 126 729               | 46 774 413 | 10 054 722               | 403 592   | 253 854                  |
| 2007 | 39 431 807           | 32 386 605               | 36 305 053 | 23 331 450               | 49 284 868 | 10 443 539               | 490 482   | 272 057                  |
| 2008 | 40 273 828           | 32 607 750               | 37 459 367 | 23 810 742               | 51 139 323 | 11 317 194               | 842 625   | 388 951                  |
| 2009 | 40 557 912           | 32 971 657               | 38 122 558 | 23 019 741               | 52 786 957 | 11 500 100               | 1 008 731 | 516 888                  |
| 2010 | 41 688 350           | 33 227 225               | 38 009 058 | 22 223 090               | 53 778 454 | 10 672 625               | 1 109 434 | 893 737                  |

**in force of life insurance industry**

| Group insurance |         |                          |          |         |                          |        |         |                          |
|-----------------|---------|--------------------------|----------|---------|--------------------------|--------|---------|--------------------------|
| Life            |         |                          | Accident |         |                          | Health |         |                          |
| No.             | Persons | Amount<br>(Million NT\$) | No.      | Persons | Amount<br>(Million NT\$) | No.    | Persons | Amount<br>(Million NT\$) |

**business**

|         |           |           |         |            |            |         |            |            |
|---------|-----------|-----------|---------|------------|------------|---------|------------|------------|
| 19 646  | 2 558 366 | 834 381   | 170 118 | 8 462 498  | 6 220 169  | 44 629  | 13 366 577 | 10 859 299 |
| 22 371  | 1 539 854 | 801 993   | 161 142 | 5 464 298  | 5 508 906  | 49 648  | 9 332 057  | 7 313 455  |
| 238 758 | 1 947 895 | 978 447   | 151 395 | 5 184 623  | 5 055 994  | 80 746  | 10 659 758 | 8 110 282  |
| 162 303 | 1 616 029 | 933 423   | 162 991 | 5 503 572  | 5 741 756  | 80 137  | 7 423 238  | 4 791 106  |
| 34 207  | 1 606 735 | 1 523 430 | 220 908 | 5 894 691  | 6 696 871  | 102 835 | 8 966 344  | 5 974 970  |
| 37 779  | 1 518 329 | 1 025 700 | 268 435 | 5 672 236  | 5 804 187  | 120 811 | 7 672 438  | 5 098 050  |
| 37 346  | 1 711 627 | 1 134 891 | 289 168 | 6 595 628  | 6 675 014  | 163 749 | 7 260 775  | 4 278 228  |
| 36 972  | 1 729 174 | 1 141 348 | 267 731 | 6 173 530  | 12 374 997 | 152 779 | 6 977 709  | 4 648 945  |
| 70 673  | 1 709 501 | 1 155 020 | 273 098 | 7 013 538  | 5 319 944  | 135 424 | 8 335 138  | 4 206 295  |
| 30 643  | 2 113 690 | 1 278 059 | 566 348 | 11 776 825 | 11 168 271 | 184 520 | 8 563 464  | 983 912    |

**in force**

|         |           |           |         |            |            |         |            |            |
|---------|-----------|-----------|---------|------------|------------|---------|------------|------------|
| 92 312  | 3 791 650 | 1 647 537 | 237 355 | 9 974 873  | 11 836 239 | 87 029  | 16 414 059 | 11 887 855 |
| 99 646  | 4 173 036 | 1 894 962 | 266 472 | 9 540 595  | 13 550 132 | 103 721 | 12 318 211 | 7 120 353  |
| 311 887 | 3 755 773 | 2 249 163 | 267 053 | 8 945 657  | 11 711 948 | 138 728 | 10 488 605 | 5 612 671  |
| 82 547  | 3 817 631 | 2 660 249 | 211 605 | 8 621 930  | 12 917 114 | 130 015 | 11 438 812 | 5 740 777  |
| 65 324  | 4 105 283 | 2 896 404 | 187 337 | 9 318 167  | 12 714 211 | 123 060 | 12 209 990 | 5 869 668  |
| 82 050  | 4 376 914 | 2 935 660 | 192 391 | 8 845 768  | 11 931 627 | 120 648 | 12 727 581 | 6 126 457  |
| 102 443 | 5 082 911 | 3 368 385 | 269 619 | 10 666 136 | 12 918 187 | 185 368 | 13 865 548 | 6 735 419  |
| 101 588 | 5 710 947 | 3 794 232 | 253 331 | 11 733 823 | 13 453 043 | 179 159 | 15 218 967 | 6 600 878  |
| 105 445 | 5 791 506 | 3 987 848 | 269 958 | 12 978 925 | 14 832 850 | 182 309 | 16 883 770 | 6 825 358  |
| 84 659  | 6 009 368 | 3 914 620 | 289 384 | 15 687 350 | 15 088 065 | 162 252 | 19 879 518 | 6 297 750  |

**Table 144. Benefit payments to policyholders of life insurance industry**

| Year | Individual insurance |                           |           |                           |           |                           |           |                           |
|------|----------------------|---------------------------|-----------|---------------------------|-----------|---------------------------|-----------|---------------------------|
|      | Total                |                           | Life      |                           | Accident  |                           | Health    |                           |
|      | No.                  | Amount<br>( Million NT\$) | No.       | Amount<br>( Million NT\$) | No.       | Amount<br>( Million NT\$) | No.       | Amount<br>( Million NT\$) |
| 2001 | 6 439 481            | 247 138                   | 2 889 267 | 203 633                   | 1 182 235 | 17 191                    | 2 365 107 | 25 971                    |
| 2002 | 7 175 879            | 276 615                   | 3 203 315 | 228 547                   | 1 224 534 | 16 540                    | 2 741 461 | 29 770                    |
| 2003 | 7 636 663            | 376 824                   | 3 689 095 | 325 394                   | 1 226 957 | 15 369                    | 2 704 646 | 30 268                    |
| 2004 | 8 107 710            | 462 559                   | 3 759 465 | 398 180                   | 1 224 404 | 15 855                    | 3 095 455 | 35 332                    |
| 2005 | 8 535 677            | 483 150                   | 3 905 715 | 403 951                   | 1 343 035 | 15 662                    | 3 241 335 | 37 850                    |
| 2006 | 9 845 826            | 631 939                   | 4 854 173 | 505 552                   | 1 480 608 | 15 450                    | 3 380 394 | 41 756                    |
| 2007 | 11 130 011           | 846 470                   | 5 704 282 | 639 659                   | 1 560 336 | 15 191                    | 3 669 370 | 46 390                    |
| 2008 | 12 372 370           | 1 090 922                 | 6 478 569 | 873 637                   | 1 670 596 | 16 065                    | 3 995 534 | 52 619                    |
| 2009 | 12 338 373           | 886 745                   | 5 680 358 | 597 103                   | 1 849 098 | 17 128                    | 4 521 660 | 57 681                    |
| 2010 | 16 382 298           | 1 176 108                 | 8 372 098 | 726 199                   | 1 802 175 | 16 846                    | 5 499 954 | 62 231                    |

  

| Year | Individual insurance |                           | Group insurance |                           |          |                           |         |                           |
|------|----------------------|---------------------------|-----------------|---------------------------|----------|---------------------------|---------|---------------------------|
|      | Annuity              |                           | Life            |                           | Accident |                           | Health  |                           |
|      | No.                  | Amount<br>( Million NT\$) | Persons         | Amount<br>( Million NT\$) | Persons  | Amount<br>( Million NT\$) | Persons | Amount<br>( Million NT\$) |
| 2001 | 2 872                | 343                       | 32 092          | 4 700                     | 247 404  | 3 488                     | 258 962 | 4 497                     |
| 2002 | 6 569                | 1 759                     | 23 667          | 3 565                     | 119 047  | 3 665                     | 320 390 | 4 724                     |
| 2003 | 15 965               | 5 793                     | 39 449          | 4 841                     | 128 194  | 3 687                     | 262 012 | 4 901                     |
| 2004 | 28 386               | 13 192                    | 57 759          | 8 153                     | 132 142  | 3 992                     | 333 669 | 5 880                     |
| 2005 | 45 592               | 25 688                    | 32 770          | 5 668                     | 110 927  | 3 756                     | 455 109 | 6 607                     |
| 2006 | 130 651              | 69 180                    | 24 397          | 5 577                     | 113 624  | 3 617                     | 465 333 | 7 172                     |
| 2007 | 196 023              | 145 230                   | 22 231          | 6 510                     | 126 789  | 3 502                     | 429 630 | 7 465                     |
| 2008 | 227 671              | 148 601                   | 21 261          | 6 111                     | 163 685  | 3 483                     | 467 546 | 8 049                     |
| 2009 | 287 257              | 214 833                   | 17 160          | 3 836                     | 178 048  | 3 392                     | 506 069 | 8 374                     |
| 2010 | 708 071              | 370 832                   | 18 158          | 3 604                     | 182 991  | 3 295                     | 526 141 | 8 457                     |

**Table 145. Premium receipts of life insurance industry**

Million NT\$

| Year | Individual insurance |           |          |         |         | Group insurance |          |        |
|------|----------------------|-----------|----------|---------|---------|-----------------|----------|--------|
|      | Total                | Life      | Accident | Health  | Annuity | Life            | Accident | Health |
| 2001 | 710 697              | 561 967   | 47 920   | 96 876  | 3 933   | 7 114           | 7 648    | 3 432  |
| 2002 | 869 098              | 692 725   | 51 944   | 107 705 | 16 724  | 6 861           | 7 686    | 5 642  |
| 2003 | 1 110 704            | 864 722   | 52 044   | 120 321 | 73 617  | 6 837           | 9 510    | 5 601  |
| 2004 | 1 286 064            | 948 114   | 48 706   | 134 241 | 155 004 | 6 896           | 9 188    | 6 341  |
| 2005 | 1 434 274            | 1 120 305 | 49 059   | 143 869 | 121 040 | 6 803           | 9 444    | 7 230  |
| 2006 | 1 541 197            | 1 238 954 | 49 537   | 155 594 | 97 113  | 6 059           | 8 666    | 7 778  |
| 2007 | 1 852 408            | 1 461 458 | 50 100   | 171 412 | 169 438 | 5 105           | 8 262    | 9 322  |
| 2008 | 1 897 626            | 1 330 840 | 50 609   | 188 180 | 327 997 | 4 573           | 7 493    | 9 151  |
| 2009 | 1 986 763            | 1 301 359 | 50 026   | 210 842 | 424 536 | 4 215           | 6 867    | 8 714  |
| 2010 | 2 292 855            | 1 491 337 | 49 088   | 225 365 | 527 064 | 4 511           | 7 063    | 8 421  |

**Table 146. Acquisitions of investments of life insurance industry**

Million NT\$

| Year | Total      | Deposits in bank <sup>1</sup> | Securities | Investment on real estates <sup>2</sup> | Loan to policyholders | Mortgage loans | Foreign investments | Authorized projects or public investment |
|------|------------|-------------------------------|------------|---|-----------------------|----------------|---------------------|--|
| 1996 | 1 219 702  | 371 151                       | 277 233    | 110 763                                 | 137 811               | 263 113        | 27 095              | 32 536                                   |
| 1997 | 1 446 626  | 350 663                       | 373 578    | 120 958                                 | 177 124               | 322 185        | 60 897              | 41 220                                   |
| 1998 | 1 704 610  | 387 842                       | 460 694    | 136 310                                 | 216 034               | 397 502        | 63 631              | 42 596                                   |
| 1999 | 1 998 929  | 401 701                       | 596 092    | 159 640                                 | 264 848               | 428 733        | 83 427              | 64 487                                   |
| 2000 | 2 334 625  | 354 855                       | 794 403    | 185 281                                 | 330 600               | 476 146        | 108 085             | 85 255                                   |
| 2001 | 2 740 569  | 341 650                       | 905 248    | 195 774                                 | 382 642               | 488 707        | 335 010             | 91 538                                   |
| 2002 | 3 294 492  | 270 107                       | 1 293 069  | 219 301                                 | 398 198               | 482 717        | 538 750             | 92 350                                   |
| 2003 | 4 207 290  | 180 375                       | 1 727 087  | 221 859                                 | 426 608               | 447 115        | 1 114 148           | 90 099                                   |
| 2004 | 4 980 390  | 196 751                       | 2 251 995  | 230 690                                 | 426 087               | 438 725        | 1 355 025           | 81 117                                   |
| 2005 | 5 838 282  | 189 966                       | 2 643 542  | 240 473                                 | 443 844               | 461 055        | 1 786 062           | 73 340                                   |
| 2006 | 6 847 781  | 315 772                       | 3 132 905  | 261 736                                 | 481 385               | 524 702        | 2 075 678           | 55 603                                   |
| 2007 | 7 481 072  | 410 953                       | 3 252 401  | 294 946                                 | 542 370               | 617 042        | 2 336 141           | 27 217                                   |
| 2008 | 7 981 732  | 529 959                       | 3 439 311  | 321 072                                 | 616 912               | 631 347        | 2 419 200           | 23 931                                   |
| 2009 | 9 262 559  | 688 378                       | 3 999 857  | 386 923                                 | 612 523               | 569 810        | 2 980 183           | 24 884                                   |
| 2010 | 10 486 298 | 728 477                       | 4 539 414  | 408 002                                 | 625 385               | 544 542        | 3 615 039           | 25 439                                   |

Notes : <sup>1</sup> Deposits in bank include current deposits, check deposits and time deposits.<sup>2</sup> Investment on real estates don't include private use.





## EXTERNAL TRADE

External trade, covering imports and exports in value, trade composition and trade indices, are compiled from the import and export declaration documents on a monthly basis, with the results incorporated in the *Monthly Statistics of Exports and Imports, Republic of China*, published by the Department of Statistics, Ministry of Finance. Statistics on international balance of payments are taken from the *Financial statistics Monthly, Republic of China*, which is compiled on a quarterly basis and on an annual basis, and published by Department of Economic Research, Central Bank of the Republic of China.

Imports and exports statistics cover only cargoes exported to and imported from foreign countries; fish sales and bunker oil receipts at local ports are also included in exports since 1970. The day when cargoes cleared by a customs service office for loading is considered as the date of the exports, and export shipments are priced on a free-on-board (F.O.B.) basis. The countries which cargoes are declared shipped to are the destinations of exports. If several destinations are declared for a shipment, the first one where the cargo reached is treated as the destination of the shipment. The day when imports are cleared by the customs service office is the date of the imports. Imports are priced on a cost-insurance-freight (C.I.F.) basis, and the producing country is the origin of the imports. Trade indices, compiled from a sample of 1,898 export items and 2,015 import items, can be classified into five categories and their formulas as follows:

$$1. \text{ Value index: } I_v = \frac{\sum p_i q_i}{\sum p_0 q_0} \times 100$$

where  $\sum p_i q_i$  refers to the total value of export (import) commodities group in the current period, and  $\sum p_0 q_0$  refers to that in the base period.

$$2. \text{ Unit value index : } I_p = \sqrt{\frac{\sum p_i q_0}{\sum p_0 q_0} \times \frac{\sum p_i q_i}{\sum p_0 q_i}} \times 100$$

where  $P_i$  refers to the unit value in the current period,  $P_0$  refers to the unit value in the base period,  $q_i$  refers to the quantity in the current period,  $q_0$  refers to the quantity in the base period, and  $\sum p_i q_i$ ,  $\sum p_0 q_0$  refer to the total sample values of commodities of the given group in the current period, the base period respectively.

$$3. \text{ Quantum index: } I_Q = I_v / I_p \times 100$$

$$4. \text{ Net terms of trade: } T_N = I_{PE} / I_{PI} \times 100$$

Where  $I_{PE}$  means the unit value index of export,  $I_{PI}$  means the unit value index of import.

$$5. \text{ Income terms of trade: } T_I = T_N \times I_{QE} / 100$$

Where  $I_{QE}$  means the quantum index of export.

Table 147. Value of

| End of Year | Exports      |              |                   | Million NT\$ |
|-------------|--------------|--------------|-------------------|--------------|
|             | Million NT\$ | Million US\$ | Annual change (%) |              |
| 1981        | 832 515      | 22 686       | 16.5              | 779 951      |
| 1982        | 867 847      | 22 297       | 4.2               | 737 411      |
| 1983        | 1 008 790    | 25 207       | 16.2              | 815 050      |
| 1984        | 1 209 578    | 30 580       | 19.9              | 872 242      |
| 1985        | 1 226 718    | 30 819       | 1.4               | 803 382      |
| 1986        | 1 509 630    | 39 931       | 23.1              | 917 546      |
| 1987        | 1 710 000    | 53 754       | 13.3              | 1 114 418    |
| 1988        | 1 735 138    | 60 784       | 1.5               | 1 424 243    |
| 1989        | 1 751 226    | 66 435       | 0.9               | 1 387 023    |
| 1990        | 1 808 420    | 67 425       | 3.3               | 1 473 688    |
| 1991        | 2 051 049    | 76 563       | 13.4              | 1 698 335    |
| 1992        | 2 064 353    | 82 122       | 0.6               | 1 825 784    |
| 1993        | 2 261 835    | 85 957       | 9.6               | 2 043 494    |
| 1994        | 2 489 032    | 94 300       | 10.0              | 2 270 895    |
| 1995        | 2 994 173    | 113 342      | 20.3              | 2 755 095    |
| 1996        | 3 221 533    | 117 581      | 7.6               | 2 830 309    |
| 1997        | 3 541 490    | 124 170      | 9.9               | 3 291 194    |
| 1998        | 3 760 473    | 112 595      | 6.2               | 3 522 508    |
| 1999        | 3 986 374    | 123 733      | 6.0               | 3 592 789    |
| 2000        | 4 729 286    | 151 950      | 18.6              | 4 391 226    |
| 2001        | 4 254 285    | 126 314      | - 10.0            | 3 644 181    |
| 2002        | 4 670 404    | 135 317      | 9.8               | 3 918 415    |
| 2003        | 5 172 958    | 150 601      | 10.8              | 4 409 978    |
| 2004        | 6 097 235    | 182 370      | 17.9              | 5 656 672    |
| 2005        | 6 374 496    | 198 432      | 4.5               | 5 877 163    |
| 2006        | 7 279 318    | 224 017      | 14.2              | 6 604 337    |
| 2007        | 8 087 934    | 246 677      | 11.1              | 7 211 791    |
| 2008        | 8 010 379    | 255 629      | - 1.0             | 7 551 084    |
| 2009        | 6 708 884    | 203 675      | - 16.2            | 5 757 178    |
| 2010        | 8 656 832    | 274 601      | 29.0              | 7 943 487    |

**Notes :** 1.From Jan. 2006, the Compilation of Customs Trade Statistics adopts the United Nations "International Merchandise Trade Statistics (IMTS) Compilers Manual, 2004". Under IMTS Criteria, the data of re-exports and re-imports of each Classification are included in their relevant total exports/imports, respectively. The historical data have been revised on this table.

2.Annual change(%) refers to the annual increase rate of million of NT\$.

## external trade

| Imports      |                   | Balance      |              | Exchange rate (US\$ per NT\$) |         |
|--------------|-------------------|--------------|--------------|-------------------------------|---------|
| Million US\$ | Annual change (%) | Million NT\$ | Million US\$ | Exports                       | Imports |
| 21 235       | 9.5               | 52 564       | 1 451        | 36.70                         | 36.73   |
| 18 923       | - 5.5             | 130 436      | 3 374        | 38.92                         | 38.97   |
| 20 316       | 10.5              | 193 740      | 4 891        | 40.02                         | 40.12   |
| 21 994       | 7.0               | 337 336      | 8 586        | 39.55                         | 39.66   |
| 20 141       | - 7.9             | 423 336      | 10 678       | 39.80                         | 39.89   |
| 24 195       | 14.2              | 592 084      | 15 736       | 37.81                         | 37.92   |
| 35 001       | 21.5              | 595 582      | 18 753       | 31.81                         | 31.84   |
| 49 713       | 27.8              | 310 895      | 11 071       | 28.55                         | 28.65   |
| 52 314       | - 2.6             | 364 203      | 14 120       | 26.36                         | 26.51   |
| 54 786       | 6.2               | 334 732      | 12 639       | 26.82                         | 26.90   |
| 63 142       | 15.2              | 352 714      | 13 421       | 26.79                         | 26.90   |
| 72 353       | 7.5               | 238 569      | 9 770        | 25.14                         | 25.23   |
| 77 393       | 11.9              | 218 341      | 8 564        | 26.31                         | 26.40   |
| 85 698       | 11.1              | 218 137      | 8 602        | 26.39                         | 26.50   |
| 104 012      | 21.3              | 239 078      | 9 330        | 26.42                         | 26.49   |
| 102 922      | 2.7               | 391 224      | 14 659       | 27.40                         | 27.50   |
| 114 955      | 16.3              | 250 296      | 9 215        | 28.52                         | 28.63   |
| 105 230      | 7.0               | 237 965      | 7 366        | 33.40                         | 33.47   |
| 111 196      | 2.0               | 393 585      | 12 537       | 32.22                         | 32.31   |
| 140 732      | 22.2              | 338 060      | 11 218       | 31.12                         | 31.20   |
| 107 971      | - 17.0            | 610 104      | 18 344       | 33.68                         | 33.75   |
| 113 245      | 7.5               | 751 989      | 22 072       | 34.51                         | 34.60   |
| 128 010      | 12.5              | 762 980      | 22 590       | 34.35                         | 34.45   |
| 168 758      | 28.3              | 440 563      | 13 613       | 33.43                         | 33.52   |
| 182 614      | 3.9               | 497 333      | 15 817       | 32.12                         | 32.18   |
| 202 698      | 12.4              | 674 981      | 21 319       | 32.49                         | 32.58   |
| 219 252      | 9.2               | 876 143      | 27 425       | 32.79                         | 32.89   |
| 240 448      | 4.7               | 459 295      | 15 181       | 31.34                         | 31.40   |
| 174 371      | - 23.8            | 951 706      | 29 304       | 32.94                         | 33.02   |
| 251 236      | 38.0              | 713 345      | 23 364       | 31.53                         | 31.62   |

Table 148. Indices of external trade

2006 = 100

| Year | Value index |         | Quantum index |         | Unit value index |         | Net terms of trade | Income terms of trade |
|------|-------------|---------|---------------|---------|------------------|---------|--------------------|-----------------------|
|      | Exports     | Imports | Exports       | Imports | Exports          | Imports |                    |                       |
| 1991 | 29.46       | 25.74   | 55.37         | 44.83   | 53.21            | 57.42   | 92.67              | 51.31                 |
| 1992 | 29.56       | 27.66   | 58.34         | 50.14   | 50.67            | 55.17   | 91.84              | 53.58                 |
| 1993 | 32.32       | 30.98   | 60.51         | 52.34   | 53.41            | 59.19   | 90.23              | 54.60                 |
| 1994 | 35.46       | 34.43   | 63.97         | 52.74   | 55.43            | 65.28   | 84.91              | 54.32                 |
| 1995 | 42.58       | 41.76   | 66.79         | 57.79   | 63.75            | 72.26   | 88.22              | 58.92                 |
| 1996 | 45.86       | 42.86   | 69.44         | 58.46   | 66.04            | 73.31   | 90.08              | 62.55                 |
| 1997 | 50.26       | 49.87   | 74.56         | 67.97   | 67.41            | 73.37   | 91.88              | 68.50                 |
| 1998 | 53.32       | 53.34   | 75.48         | 70.82   | 70.64            | 75.32   | 93.79              | 70.79                 |
| 1999 | 56.56       | 54.45   | 78.22         | 72.76   | 72.31            | 74.84   | 96.62              | 75.58                 |
| 2000 | 66.65       | 66.51   | 84.41         | 80.07   | 78.96            | 83.07   | 95.05              | 80.23                 |
| 2001 | 59.74       | 55.10   | 71.86         | 71.37   | 83.13            | 77.20   | 107.68             | 77.38                 |
| 2002 | 65.08       | 59.28   | 78.23         | 77.05   | 83.19            | 76.94   | 108.12             | 84.58                 |
| 2003 | 71.50       | 66.74   | 80.17         | 82.30   | 89.18            | 81.09   | 109.98             | 88.17                 |
| 2004 | 83.99       | 85.67   | 85.80         | 95.16   | 97.89            | 90.03   | 108.73             | 93.29                 |
| 2005 | 87.84       | 88.98   | 91.71         | 97.38   | 95.78            | 91.37   | 104.83             | 96.14                 |
| 2006 | 100.00      | 100.00  | 100.00        | 100.00  | 100.00           | 100.00  | 100.00             | 100.00                |
| 2007 | 111.11      | 109.20  | 107.77        | 102.60  | 103.10           | 106.43  | 96.87              | 104.40                |
| 2008 | 110.04      | 114.34  | 104.13        | 97.67   | 105.68           | 117.07  | 90.27              | 94.00                 |
| 2009 | 92.16       | 87.17   | 94.57         | 87.78   | 97.45            | 99.31   | 98.13              | 92.80                 |
| 2010 | 118.92      | 120.28  | 116.11        | 110.46  | 102.42           | 108.89  | 94.06              | 109.21                |

Table 149. Composition of exports and imports

%

| Year | Exports               |                                 |                     | Imports       |   |                   |
|------|-----------------------|---------------------------------|---------------------|---------------|---|-------------------|
|      | Agricultural products | Processed agricultural products | Industrial products | Capital goods | Agricultural & industrial raw materials | Consumption goods |
| 1991 | 0.7                   | 4.0                             | 95.3                | 16.7          | 72.4                                    | 10.9              |
| 1992 | 0.6                   | 3.7                             | 95.7                | 17.9          | 69.3                                    | 12.8              |
| 1993 | 0.6                   | 3.5                             | 95.9                | 16.8          | 70.2                                    | 12.8              |
| 1994 | 0.5                   | 3.6                             | 95.9                | 15.9          | 70.6                                    | 13.4              |
| 1995 | 0.4                   | 3.4                             | 96.2                | 16.3          | 72.0                                    | 11.7              |
| 1996 | 0.4                   | 3.1                             | 96.5                | 17.9          | 69.0                                    | 13.1              |
| 1997 | 0.3                   | 1.8                             | 97.9                | 19.1          | 67.3                                    | 13.6              |
| 1998 | 0.3                   | 1.4                             | 98.2                | 23.0          | 63.3                                    | 13.7              |
| 1999 | 0.3                   | 1.3                             | 98.4                | 25.8          | 63.9                                    | 10.3              |
| 2000 | 0.2                   | 1.2                             | 98.6                | 28.0          | 63.4                                    | 8.6               |
| 2001 | 0.2                   | 1.3                             | 98.4                | 25.0          | 65.0                                    | 10.0              |
| 2002 | 0.3                   | 1.3                             | 98.5                | 23.1          | 67.1                                    | 9.9               |
| 2003 | 0.3                   | 1.2                             | 98.6                | 20.5          | 70.1                                    | 9.4               |
| 2004 | 0.2                   | 1.1                             | 98.6                | 21.4          | 70.4                                    | 8.2               |
| 2005 | 0.2                   | 1.1                             | 98.7                | 19.0          | 72.4                                    | 8.6               |
| 2006 | 0.2                   | 0.8                             | 99.0                | 17.0          | 75.4                                    | 7.6               |
| 2007 | 0.2                   | 0.8                             | 99.1                | 16.2          | 76.5                                    | 7.3               |
| 2008 | 0.2                   | 0.9                             | 98.9                | 13.6          | 79.3                                    | 7.1               |
| 2009 | 0.2                   | 0.9                             | 98.8                | 14.7          | 76.0                                    | 9.3               |
| 2010 | 0.3                   | 0.8                             | 98.9                | 16.6          | 75.5                                    | 7.9               |

Table 150. Exports by regions

| Country or area of region | 1996        | 1997        | 1998        | 1999        | 2000        | 2001        |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total                     | 115 942 064 | 122 080 673 | 112 595 448 | 123 733 345 | 151 949 756 | 126 314 288 |
| Asia                      | 60 753 894  | 61 543 747  | 51 296 513  | 60 662 273  | 79 130 927  | 67 201 034  |
| Hong Kong                 | 26 787 641  | 28 688 053  | 25 398 248  | 26 825 264  | 32 741 718  | 28 712 715  |
| Japan                     | 13 658 783  | 11 691 036  | 9 438 826   | 12 042 837  | 16 887 176  | 13 024 452  |
| Korea, Rep. of            | 2 661 602   | 2 365 903   | 1 509 573   | 2 645 415   | 4 002 304   | 3 372 790   |
| Singapore                 | 4 573 182   | 4 894 589   | 3 359 182   | 3 946 906   | 5 637 065   | 4 220 861   |
| Thailand                  | 2 789 603   | 2 562 108   | 2 005 672   | 2 194 685   | 2 652 616   | 2 197 047   |
| Mainland China            | 623 379     | 626 480     | 914 872     | 2 602 091   | 4 391 494   | 4 895 371   |
| Middle and Near East      | 2 461 321   | 2 763 204   | 2 566 248   | 2 228 219   | 2 548 746   | 2 239 550   |
| Kuwait                    | 95 618      | 94 535      | 80 804      | 69 006      | 67 043      | 62 956      |
| Saudi Arabia              | 467 522     | 490 969     | 418 879     | 383 191     | 351 664     | 345 393     |
| Europe                    | 16 944 831  | 18 415 323  | 19 800 590  | 20 452 113  | 23 903 931  | 20 000 236  |
| France                    | 1 305 987   | 1 394 261   | 1 417 878   | 1 594 406   | 1 657 862   | 1 184 676   |
| Germany                   | 3 644 109   | 3 690 558   | 4 107 201   | 4 098 634   | 4 936 278   | 4 536 626   |
| Italy                     | 1 080 322   | 1 130 375   | 1 366 136   | 1 335 511   | 1 489 871   | 1 262 013   |
| United Kingdom            | 2 807 366   | 3 278 220   | 3 304 758   | 3 873 172   | 4 591 422   | 3 375 586   |
| Africa                    | 1 551 261   | 1 528 276   | 1 464 452   | 1 300 413   | 1 332 643   | 1 178 956   |
| Nigeria                   | 115 755     | 132 013     | 132 454     | 145 839     | 137 568     | 139 672     |
| North America             | 28 265 202  | 31 150 760  | 31 552 668  | 33 100 128  | 37 479 133  | 29 715 132  |
| Canada                    | 1 397 373   | 1 598 162   | 1 592 365   | 1 759 948   | 1 890 128   | 1 578 802   |
| U.S.A.                    | 26 866 357  | 29 551 755  | 29 959 134  | 31 339 373  | 35 588 452  | 28 135 593  |
| Central and South America | 2 901 938   | 3 585 834   | 3 229 711   | 2 946 951   | 3 974 854   | 3 241 729   |
| Mexico                    | 470 164     | 634 645     | 785 301     | 907 581     | 1 253 254   | 1 031 239   |
| Panama                    | 177 678     | 388 838     | 209 613     | 143 242     | 197 508     | 123 991     |
| Brazil                    | 857 729     | 912 271     | 676 389     | 471 306     | 781 662     | 573 776     |
| Oceania                   | 2 250 699   | 2 283 443   | 2 001 599   | 2 204 833   | 2 309 084   | 1 740 633   |
| Australia                 | 1 836 932   | 1 872 960   | 1 640 570   | 1 854 738   | 1 839 301   | 1 374 642   |
| Others                    | 812 918     | 810 086     | 683 667     | 838 415     | 1 270 438   | 997 018     |

Notes : From Jan. 2006, the Compilation of Customs Trade Statistics adopts the United Nations 'International Merchandise Trade Statistics (IMTS) Compilers Manual, 2004. Under IMTS Criteria, the data of re-exports and re-imports of each classification are include in their relevant total exports/imports, respectively. The historical yearly and monthly data of 1998 to 2005 have been revised on this table.

## and principal countries (areas)

Thousand US\$

| 2002        | 2003        | 2004        | 2005        | 2006        | 2007        | 2008        | 2009        | 2010        |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 135 316 743 | 150 600 472 | 182 370 384 | 198 431 651 | 224 017 271 | 246 676 931 | 255 628 690 | 203 674 648 | 274 600 519 |
| 78 070 207  | 91 037 474  | 115 163 062 | 129 053 484 | 146 758 727 | 164 346 202 | 169 521 279 | 140 107 525 | 190 790 673 |
| 32 959 608  | 30 868 284  | 32 896 214  | 34 035 551  | 37 381 238  | 37 979 705  | 32 689 899  | 29 455 233  | 37 807 122  |
| 12 368 037  | 12 429 909  | 13 808 010  | 15 110 778  | 16 300 328  | 15 933 592  | 17 555 991  | 14 502 259  | 18 005 979  |
| 3 963 639   | 4 710 279   | 5 629 770   | 5 877 373   | 7 154 199   | 7 794 043   | 8 705 814   | 7 302 546   | 10 681 612  |
| 4 622 938   | 5 274 598   | 6 747 337   | 8 042 240   | 9 279 613   | 10 501 439  | 11 675 814  | 8 613 846   | 12 096 399  |
| 2 367 314   | 2 639 593   | 3 317 874   | 3 820 310   | 4 576 627   | 5 199 643   | 4 906 009   | 3 826 841   | 5 288 461   |
| 10 526 873  | 22 890 761  | 36 349 368  | 43 643 661  | 51 808 557  | 62 416 765  | 66 883 516  | 54 248 679  | 76 935 146  |
| 2 409 650   | 2 752 700   | 3 669 683   | 4 156 825   | 4 461 902   | 5 563 232   | 5 714 500   | 4 582 766   | 6 225 625   |
| 74 941      | 82 005      | 99 779      | 115 221     | 108 671     | 128 584     | 141 663     | 146 891     | 142 078     |
| 336 255     | 361 874     | 430 397     | 495 947     | 529 766     | 733 156     | 991 989     | 674 172     | 1 001 972   |
| 18 811 345  | 20 762 964  | 23 810 944  | 23 626 528  | 26 110 977  | 28 634 647  | 29 948 224  | 22 576 934  | 29 371 615  |
| 1 140 261   | 1 271 523   | 1 591 503   | 1 452 895   | 1 565 436   | 1 705 477   | 1 730 214   | 1 369 130   | 1 697 371   |
| 3 886 444   | 4 285 505   | 4 607 146   | 4 463 074   | 5 006 991   | 5 174 808   | 5 729 705   | 4 695 923   | 6 511 611   |
| 1 260 208   | 1 467 958   | 1 738 960   | 1 797 527   | 2 194 727   | 2 410 405   | 2 449 658   | 1 786 569   | 2 447 179   |
| 2 985 876   | 2 931 700   | 3 430 173   | 3 262 802   | 3 510 558   | 3 617 950   | 3 630 492   | 2 980 199   | 3 621 362   |
| 1 173 013   | 1 373 555   | 1 520 112   | 1 639 568   | 2 065 190   | 2 124 787   | 2 867 348   | 2 243 980   | 2 228 991   |
| 153 587     | 177 825     | 162 862     | 178 878     | 171 394     | 189 393     | 278 857     | 243 534     | 224 305     |
| 28 908 844  | 28 038 393  | 30 403 217  | 30 804 935  | 34 131 470  | 33 928 820  | 32 644 565  | 25 014 086  | 33 415 913  |
| 1 543 046   | 1 483 269   | 1 651 874   | 1 690 300   | 1 770 286   | 1 850 505   | 1 853 007   | 1 460 635   | 1 949 001   |
| 27 365 143  | 26 553 693  | 28 750 997  | 29 113 853  | 32 360 688  | 32 077 102  | 30 790 956  | 23 552 856  | 31 466 029  |
| 2 936 268   | 2 891 524   | 3 415 275   | 3 974 588   | 4 650 259   | 5 531 320   | 7 195 332   | 4 435 207   | 6 015 325   |
| 946 463     | 891 400     | 987 118     | 883 138     | 1 073 236   | 1 503 267   | 1 855 068   | 1 097 124   | 1 510 855   |
| 129 287     | 121 207     | 246 987     | 225 485     | 181 414     | 205 281     | 234 012     | 153 421     | 290 111     |
| 474 636     | 456 440     | 716 891     | 1 017 435   | 1 285 877   | 1 669 703   | 2 744 682   | 1 406 537   | 1 908 607   |
| 1 947 196   | 2 464 240   | 2 877 115   | 3 014 803   | 3 362 224   | 3 975 781   | 4 372 518   | 2 857 668   | 3 903 779   |
| 1 601 226   | 1 899 676   | 2 268 550   | 2 392 597   | 2 722 973   | 3 233 258   | 3 486 590   | 2 353 386   | 3 132 068   |
| 1 060 220   | 1 279 622   | 1 510 976   | 2 160 920   | 2 476 522   | 2 572 142   | 3 364 924   | 1 856 482   | 2 648 598   |

Table 151. Imports by regions

| Country or area of region | 1996        | 1997        | 1998        | 1999        | 2000        | 2001        |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total                     | 102 370 021 | 114 424 665 | 105 229 820 | 111 196 086 | 140 731 990 | 107 970 570 |
| Asia                      | 48 867 744  | 55 017 520  | 53 237 523  | 60 901 025  | 78 894 691  | 59 067 515  |
| Japan                     | 27 492 964  | 29 021 671  | 27 059 609  | 30 637 138  | 38 622 073  | 25 933 484  |
| Hong Kong                 | 1 704 663   | 1 996 134   | 2 076 093   | 2 223 600   | 2 364 182   | 2 051 591   |
| Indonesia                 | 1 884 483   | 2 184 708   | 2 114 404   | 2 296 941   | 3 020 530   | 2 527 889   |
| Malaysia                  | 3 565 236   | 4 228 301   | 3 639 473   | 3 895 257   | 5 350 520   | 4 232 763   |
| Korea, Rep. of            | 4 161 720   | 5 024 480   | 5 682 165   | 7 202 328   | 9 027 154   | 6 732 022   |
| Mainland China            | 3 059 852   | 3 915 312   | 4 113 882   | 4 528 891   | 6 229 334   | 5 902 959   |
| Middle and Near East      | 4 075 310   | 4 203 282   | 3 046 486   | 4 111 382   | 6 743 442   | 6 608 650   |
| Kuwait                    | 550 143     | 546 784     | 348 869     | 406 830     | 982 191     | 1 130 414   |
| Saudi Arabia              | 1 763 340   | 1 904 444   | 1 205 088   | 1 384 589   | 2 721 008   | 2 746 035   |
| Europe                    | 20 143 254  | 21 600 755  | 20 614 579  | 17 629 542  | 19 090 151  | 15 069 791  |
| France                    | 4 060 855   | 4 725 977   | 5 336 280   | 1 895 170   | 1 838 690   | 2 140 382   |
| Germany                   | 5 023 379   | 5 369 228   | 5 170 438   | 5 331 787   | 5 578 810   | 4 274 220   |
| Italy                     | 1 557 930   | 1 604 794   | 1 488 432   | 1 313 685   | 1 399 013   | 1 089 428   |
| United Kingdom            | 1 805 433   | 1 952 801   | 1 711 250   | 1 745 372   | 1 952 902   | 1 457 087   |
| Africa                    | 2 388 430   | 2 470 275   | 1 964 993   | 2 229 846   | 3 285 723   | 2 662 104   |
| North America             | 21 329 147  | 24 820 876  | 21 011 629  | 20 950 198  | 26 555 073  | 19 419 288  |
| Canada                    | 1 356 732   | 1 586 706   | 1 166 202   | 1 131 786   | 1 284 793   | 1 011 996   |
| U.S.A.                    | 19 971 851  | 23 233 847  | 19 845 059  | 19 818 117  | 25 269 878  | 18 407 253  |
| Central and South America | 2 165 541   | 2 540 595   | 1 979 124   | 1 921 263   | 2 112 591   | 1 545 600   |
| Mexico                    | 213 213     | 246 420     | 235 300     | 491 951     | 557 170     | 421 120     |
| Panama                    | 969         | 671         | 3 712       | 3 290       | 2 053       | 4 413       |
| Brazil                    | 565 807     | 760 983     | 586 926     | 476 836     | 553 936     | 445 178     |
| Oceania                   | 3 335 799   | 3 712 950   | 3 315 682   | 3 391 688   | 3 986 096   | 3 543 738   |
| Australia                 | 2 845 058   | 3 217 348   | 2 919 705   | 2 964 741   | 3 510 837   | 3 090 500   |
| New Zealand               | 428 010     | 426 425     | 349 335     | 362 075     | 382 306     | 346 765     |
| Others                    | 64 796      | 58 412      | 59 804      | 61 142      | 64 223      | 53 884      |

Notes : From Jan. 2006, the Compilation of Customs Trade Statistics adopts the United Nations 'International Merchandise Trade Statistics (IMTS) Compilers Manual, 2004. Under IMTS Criteria, the data of re-exports and re-imports of each classification are included in their relevant total exports/imports, respectively. The historical data of 1998 to 2005 have been revised on this table.



## and principal countries (areas)

Thousand US\$

| 2002        | 2003        | 2004        | 2005        | 2006        | 2007        | 2008        | 2009        | 2010        |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 113 245 120 | 128 010 148 | 168 757 598 | 182 614 393 | 202 698 135 | 219 251 567 | 240 447 789 | 174 370 531 | 251 236 390 |
| 64 495 758  | 74 633 632  | 98 423 374  | 106 140 212 | 116 019 615 | 121 072 145 | 125 021 701 | 98 470 638  | 142 925 696 |
| 27 363 325  | 32 719 525  | 43 717 802  | 46 053 319  | 46 284 409  | 45 936 862  | 46 508 013  | 36 220 017  | 51 917 431  |
| 1 914 898   | 1 917 196   | 2 309 164   | 2 109 729   | 1 880 644   | 1 824 902   | 1 492 771   | 1 122 556   | 1 627 623   |
| 2 592 605   | 2 926 646   | 4 114 535   | 4 542 964   | 5 204 299   | 5 775 954   | 7 288 968   | 5 183 686   | 6 020 156   |
| 4 175 555   | 4 766 713   | 5 424 990   | 5 217 223   | 6 051 561   | 6 192 410   | 6 762 668   | 4 552 646   | 7 695 023   |
| 7 741 421   | 8 738 160   | 11 663 599  | 13 239 158  | 14 999 578  | 15 158 354  | 13 168 383  | 10 506 837  | 16 058 786  |
| 7 968 584   | 11 017 887  | 16 792 252  | 20 093 696  | 24 783 086  | 28 014 979  | 31 391 315  | 24 423 472  | 35 945 951  |
| 7 254 743   | 10 423 754  | 14 028 569  | 19 152 512  | 24 916 352  | 27 825 870  | 38 932 912  | 22 513 091  | 31 389 369  |
| 1 288 812   | 2 002 271   | 2 770 157   | 4 295 825   | 5 007 826   | 5 742 741   | 8 074 201   | 4 555 730   | 6 124 839   |
| 2 407 270   | 4 276 038   | 5 558 950   | 7 437 249   | 9 760 161   | 10 409 566  | 15 172 687  | 8 657 904   | 11 859 219  |
| 14 728 390  | 16 259 282  | 21 258 722  | 21 895 493  | 21 452 196  | 23 566 635  | 24 450 736  | 19 455 679  | 26 004 933  |
| 1 558 760   | 1 632 990   | 2 099 857   | 2 544 412   | 2 219 958   | 2 381 940   | 2 292 829   | 1 784 248   | 2 250 204   |
| 4 448 258   | 4 986 253   | 5 852 028   | 6 180 253   | 6 135 238   | 7 070 040   | 7 474 274   | 5 672 902   | 8 264 091   |
| 1 095 022   | 1 138 162   | 1 349 320   | 1 451 733   | 1 545 193   | 1 475 619   | 1 635 421   | 1 830 966   | 1 948 810   |
| 1 371 908   | 1 431 079   | 1 745 036   | 1 714 064   | 1 781 013   | 1 920 418   | 1 917 640   | 1 230 253   | 1 672 887   |
| 2 133 276   | 2 708 960   | 4 127 848   | 3 602 963   | 5 523 164   | 6 131 965   | 7 981 802   | 3 823 795   | 7 148 340   |
| 19 206 841  | 18 080 364  | 22 984 702  | 22 494 970  | 24 038 316  | 28 205 133  | 28 115 721  | 19 301 419  | 26 912 792  |
| 951 220     | 1 085 056   | 1 204 323   | 1 324 077   | 1 373 811   | 1 697 045   | 1 789 105   | 1 147 509   | 1 533 417   |
| 18 255 577  | 16 995 299  | 21 780 377  | 21 170 843  | 22 664 494  | 26 508 055  | 26 326 558  | 18 153 900  | 25 379 359  |
| 1 917 063   | 2 413 282   | 3 597 714   | 3 614 650   | 4 304 109   | 5 007 386   | 6 424 456   | 3 974 156   | 6 931 525   |
| 364 763     | 334 153     | 416 523     | 355 401     | 426 738     | 593 182     | 589 580     | 343 214     | 587 485     |
| 6 204       | 6 377       | 22 945      | 24 635      | 36 294      | 53 782      | 69 014      | 23 543      | 44 841      |
| 585 429     | 916 297     | 1 332 078   | 1 216 347   | 1 065 887   | 1 341 776   | 2 192 112   | 1 301 204   | 2 445 530   |
| 3 287 940   | 3 239 577   | 4 059 870   | 5 397 303   | 6 124 580   | 7 114 189   | 9 138 665   | 6 554 836   | 9 802 562   |
| 2 839 188   | 2 732 209   | 3 429 629   | 4 726 429   | 5 349 481   | 6 122 115   | 8 270 645   | 5 965 882   | 8 921 389   |
| 342 305     | 383 483     | 459 016     | 507 634     | 502 227     | 565 051     | 571 422     | 459 040     | 610 432     |
| 221 109     | 251 297     | 276 799     | 316 290     | 319 803     | 328 244     | 381 796     | 276 917     | 121 173     |

Table 152. Exports and imports by SITC sections

Million US\$

|  | 2004           | 2005    | 2006    | 2007    | 2008    | 2009    | 2010    |
|--|----------------|---------|---------|---------|---------|---------|---------|
|  | <b>Exports</b> |         |         |         |         |         |         |
| Total  | 182 370        | 198 432 | 224 017 | 246 677 | 255 629 | 203 675 | 274 639 |
| 0. Food and live animals   | 2 044          | 2 080   | 1 785   | 1 836   | 2 259   | 1 914   | 2 389   |
| 1. Beverages and tobacco   | 73             | 83      | 96      | 101     | 143     | 197     | 270     |
| 2. Crude materials, inedible, except fuels                           | 2 445          | 2 651   | 3 121   | 3 450   | 3 624   | 2 699   | 3 525   |
| 3. Mineral fuels, lubricants and related materials                   | 5 447          | 8 859   | 10 785  | 13 749  | 18 628  | 11 302  | 14 396  |
| 4. Animal and vegetable oils, fats and waxes                         | 48             | 44      | 44      | 62      | 79      | 67      | 82      |
| 5. Chemicals and related products, n.e.s.                            | 16 456         | 20 216  | 22 396  | 28 606  | 31 359  | 25 895  | 35 638  |
| 6. Manufactured goods classified chiefly by material                 | 32 296         | 34 209  | 37 854  | 41 869  | 42 497  | 32 026  | 41 674  |
| 7. Machinery and transport equipment                                 | 98 266         | 101 603 | 114 129 | 120 875 | 119 133 | 98 913  | 135 155 |
| 8. Miscellaneous manufactured articles                               | 24 762         | 27 546  | 32 462  | 34 707  | 35 699  | 27 890  | 38 535  |
| 9. Commodities and transactions not classified elsewhere in the SITC | 534            | 1 141   | 1 345   | 1 422   | 2 208   | 2 771   | 2 975   |
|  | <b>Imports</b> |         |         |         |         |         |         |
| Total  | 168 758        | 182 614 | 202 698 | 219 252 | 240 448 | 174 371 | 251 384 |
| 0. Food and live animals   | 4 179          | 4 530   | 4 646   | 5 152   | 6 254   | 5 571   | 6 738   |
| 1. Beverages and tobacco   | 943            | 1 103   | 1 113   | 1 118   | 1 221   | 984     | 1 151   |
| 2. Crude materials, inedible, except fuels                           | 7 166          | 7 399   | 8 923   | 11 468  | 13 087  | 7 760   | 12 680  |
| 3. Mineral fuels, lubricants and related materials                   | 21 499         | 28 097  | 36 633  | 43 413  | 61 952  | 37 124  | 51 605  |
| 4. Animal and vegetable oils, fats and waxes                         | 227            | 222     | 190     | 277     | 386     | 252     | 327     |
| 5. Chemicals and related products, n.e.s.                            | 20 655         | 22 951  | 26 106  | 28 746  | 30 599  | 23 935  | 34 524  |
| 6. Manufactured goods classified chiefly by material                 | 22 337         | 23 032  | 26 846  | 29 242  | 31 774  | 19 578  | 30 030  |
| 7. Machinery and transport equipment                                 | 73 507         | 76 520  | 78 758  | 79 107  | 75 589  | 62 145  | 90 840  |
| 8. Miscellaneous manufactured articles                               | 15 932         | 15 993  | 16 795  | 17 676  | 16 283  | 13 688  | 19 128  |
| 9. Commodities and transactions not classified elsewhere in the SITC | 2 310          | 2 767   | 2 688   | 3 054   | 3 303   | 3 335   | 4 362   |

## REVENUES AND EXPENDITURES OF GOVERNMENT

This chapter is concerned with statistical data on the revenues and expenditures of general governments. The governments' net revenues and expenditures are based on an accrual basis. All of the data are obtained from the *Yearbook of Financial Statistics, Republic of China* published by the Department of Statistics of the Ministry of Finance.

Net Revenues and Expenditures of General Governments -- Net revenues exclude the government bonds, borrowing and surplus of previous fiscal years. Net expenditures exclude the principal repayment.

The tax statistics of our country include direct taxes and indirect taxes. The direct taxes include income taxes, land taxes (agricultural land tax, land value tax, and land value increment tax), house tax, estate and gift taxes, security transactions tax, futures transactions tax, mining concession tax, education surtax, and deed tax. All other taxes are classified as indirect taxes.

Table 153. Net revenues and

A. By current

| Year   | Net revenues             |            |                          |            |                          |            |                          |            |
|--------|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|
|        | Total                    |            | Current                  |            | Capital                  |            | Total                    |            |
|        | Amount<br>(Million NT\$) | Shares (%) | Amount<br>(Million NT\$) | Shares (%) | Amount<br>(Million NT\$) | Shares (%) | Amount<br>(Million NT\$) | Shares (%) |
| FY1986 | 584 838                  | 100.0      | 566 944                  | 96.9       | 17 895                   | 3.1        | 616 718                  | 100.0      |
| FY1987 | 650 203                  | 100.0      | 629 488                  | 96.8       | 20 715                   | 3.2        | 641 911                  | 100.0      |
| FY1988 | 765 439                  | 100.0      | 737 872                  | 96.4       | 27 567                   | 3.6        | 726 468                  | 100.0      |
| FY1989 | 921 575                  | 100.0      | 890 664                  | 96.6       | 30 911                   | 3.4        | 1 207 351                | 100.0      |
| FY1990 | 1 092 401                | 100.0      | 1 053 410                | 96.4       | 38 991                   | 3.6        | 1 097 518                | 100.0      |
| FY1991 | 1 049 931                | 100.0      | 997 536                  | 95.0       | 52 395                   | 5.0        | 1 275 613                | 100.0      |
| FY1992 | 1 257 568                | 100.0      | 1 218 653                | 96.9       | 38 915                   | 3.1        | 1 561 930                | 100.0      |
| FY1993 | 1 416 334                | 100.0      | 1 352 986                | 95.5       | 63 348                   | 4.5        | 1 756 306                | 100.0      |
| FY1994 | 1 502 754                | 100.0      | 1 441 922                | 96.0       | 60 832                   | 4.0        | 1 826 367                | 100.0      |
| FY1995 | 1 559 429                | 100.0      | 1 522 624                | 97.6       | 36 805                   | 2.4        | 1 910 066                | 100.0      |
| FY1996 | 1 604 184                | 100.0      | 1 550 943                | 96.7       | 53 241                   | 3.3        | 1 843 786                | 100.0      |
| FY1997 | 1 704 759                | 100.0      | 1 629 420                | 95.6       | 75 338                   | 4.4        | 1 878 764                | 100.0      |
| FY1998 | 2 053 458                | 100.0      | 1 960 620                | 95.5       | 92 838                   | 4.5        | 1 992 593                | 100.0      |
| FY1999 | 2 004 394                | 100.0      | 1 867 081                | 93.1       | 137 313                  | 6.9        | 2 050 004                | 100.0      |
| FY2000 | 2 784 863                | 100.0      | 2 679 563                | 96.2       | 105 299                  | 3.8        | 3 140 936                | 100.0      |
| 2001   | 1 896 841                | 100.0      | 1 809 035                | 95.4       | 87 805                   | 4.6        | 2 271 755                | 100.0      |
| 2002   | 1 787 919                | 100.0      | 1 706 602                | 95.5       | 81 317                   | 4.5        | 2 144 994                | 100.0      |
| 2003   | 1 948 847                | 100.0      | 1 834 654                | 94.1       | 114 193                  | 5.9        | 2 216 514                | 100.0      |
| 2004   | 1 927 400                | 100.0      | 1 845 279                | 95.7       | 82 121                   | 4.3        | 2 245 047                | 100.0      |
| 2005   | 2 218 039                | 100.0      | 2 108 064                | 95.0       | 109 976                  | 5.0        | 2 291 999                | 100.0      |
| 2006   | 2 177 018                | 100.0      | 2 094 023                | 96.2       | 82 995                   | 3.8        | 2 214 226                | 100.0      |
| 2007   | 2 244 758                | 100.0      | 2 189 035                | 97.5       | 55 724                   | 2.5        | 2 290 169                | 100.0      |
| 2008   | 2 231 614                | 100.0      | 2 181 188                | 97.7       | 50 425                   | 2.3        | 2 343 585                | 100.0      |
| 2009 r | 2 113 644                | 100.0      | 2 041 412                | 96.6       | 72 232                   | 3.4        | 2 670 898                | 100.0      |
| 2010   | 2 115 497                | 100.0      | 2 062 021                | 97.5       | 53 476                   | 2.5        | 2 566 825                | 100.0      |

Notes : 1.Fiscal Year(FY) means the period starting from July 1 of previous year to June 30 of current year, due to the amendment of Budget Law, FY 2000 covers 18 months starting from July, 1999 to December, 2000 and the period of fiscal year is coincided with calendar year since 2001.  
2.Prior to 2003, the figures are final audit accounts; since 2003, the figures are final account .

**expenditures of general government**

and capital

| Net expenditures         |               |                          |               | Surplus or deficit       |               |                          |               |                          |               |
|--------------------------|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|---------------|
| Current                  |               | Capital                  |               | Total                    |               | Current                  |               | Capital                  |               |
| Amount<br>(Million NT\$) | Shares<br>(%) | Amount<br>(Million NT\$) | Shares<br>(%) | Amount<br>(Million NT\$) | Shares<br>(%) | Amount<br>(Million NT\$) | Shares<br>(%) | Amount<br>(Million NT\$) | Shares<br>(%) |
| 434 112                  | 70.4          | 182 606                  | 29.6          | - 31 880                 | - 5.5         | 132 831                  | 23.4          | - 164 711                | - 90.2        |
| 443 239                  | 69.0          | 198 672                  | 31.0          | 8 292                    | 1.3           | 186 249                  | 29.6          | - 177 957                | - 89.6        |
| 485 901                  | 66.9          | 240 567                  | 33.1          | 38 971                   | 5.1           | 251 971                  | 34.1          | - 213 001                | - 88.5        |
| 577 967                  | 47.9          | 629 384                  | 52.1          | - 285 775                | - 31.0        | 312 697                  | 35.1          | - 598 473                | - 95.1        |
| 702 812                  | 64.0          | 394 706                  | 36.0          | - 5 116                  | - 0.5         | 350 599                  | 33.3          | - 355 715                | - 90.1        |
| 823 188                  | 64.5          | 452 425                  | 35.5          | - 225 682                | - 21.5        | 174 348                  | 17.5          | - 400 030                | - 88.4        |
| 919 058                  | 58.8          | 642 872                  | 41.2          | - 304 362                | - 24.2        | 299 595                  | 24.6          | - 603 957                | - 93.9        |
| 1 025 405                | 58.4          | 730 902                  | 41.6          | - 339 972                | - 24.0        | 327 581                  | 24.2          | - 667 553                | - 91.3        |
| 1 163 298                | 63.7          | 663 069                  | 36.3          | - 323 613                | - 21.5        | 278 624                  | 19.3          | - 602 237                | - 90.8        |
| 1 328 425                | 69.5          | 581 641                  | 30.5          | - 350 637                | - 22.5        | 194 199                  | 12.8          | - 544 836                | - 93.7        |
| 1 383 725                | 75.0          | 460 061                  | 25.0          | - 239 602                | - 14.9        | 167 218                  | 10.8          | - 406 820                | - 88.4        |
| 1 463 449                | 77.9          | 415 315                  | 22.1          | - 174 005                | - 10.2        | 165 972                  | 10.2          | - 339 976                | - 81.9        |
| 1 545 052                | 77.5          | 447 542                  | 22.5          | 60 865                   | 3.0           | 415 568                  | 21.2          | - 354 704                | - 79.3        |
| 1 554 405                | 75.8          | 495 598                  | 24.2          | - 45 609                 | - 2.3         | 312 676                  | 16.7          | - 358 286                | - 72.3        |
| 2 529 683                | 80.5          | 611 253                  | 19.5          | - 356 074                | - 12.8        | 149 880                  | 5.6           | - 505 954                | - 82.8        |
| 1 771 630                | 78.0          | 500 125                  | 22.0          | - 374 915                | - 19.8        | 37 405                   | 2.1           | - 412 320                | - 82.4        |
| 1 649 952                | 76.9          | 495 042                  | 23.1          | - 357 075                | - 20.0        | 56 651                   | 3.3           | - 413 726                | - 83.6        |
| 1 683 569                | 76.0          | 532 946                  | 24.0          | - 267 667                | - 13.7        | 151 085                  | 8.2           | - 418 752                | - 78.6        |
| 1 703 657                | 75.9          | 541 390                  | 24.1          | - 317 647                | - 16.5        | 141 622                  | 7.7           | - 459 269                | - 84.8        |
| 1 729 489                | 75.5          | 562 510                  | 24.5          | - 73 960                 | - 3.3         | 378 575                  | 18.0          | - 452 534                | - 80.4        |
| 1 754 091                | 79.2          | 460 134                  | 20.8          | - 37 208                 | - 1.7         | 339 932                  | 16.2          | - 377 140                | - 82.0        |
| 1 801 511                | 78.7          | 488 658                  | 21.3          | - 45 411                 | - 2.0         | 387 523                  | 17.7          | - 432 934                | - 88.6        |
| 1 811 308                | 77.3          | 532 278                  | 22.7          | - 111 972                | - 5.0         | 369 881                  | 17.0          | - 481 852                | - 90.5        |
| 2 008 372                | 75.2          | 662 526                  | 24.8          | - 557 254                | - 26.4        | 33 040                   | 1.6           | - 590 294                | - 89.1        |
| 1 911 761                | 74.5          | 655 063                  | 25.5          | - 451 327                | - 21.3        | 150 260                  | 7.3           | - 601 587                | - 91.8        |

Table 153. Net revenues and

| Item   | FY 1987 | FY 1988 | FY 1989   | FY 1990   |
|--|---------|---------|-----------|-----------|
| Net revenues by sources, total                       | 650 203 | 765 439 | 921 575   | 1 092 401 |
| Revenues from taxes                                  | 415 318 | 511 637 | 629 753   | 794 812   |
| Revenues from monopolies                             | 46 137  | 46 409  | 47 666    | 52 921    |
| Fees   | 18 917  | 22 087  | 24 863    | 25 364    |
| Fines and indemnities                                | 10 841  | 8 179   | 9 770     | 11 467    |
| Surplus of public enterprises & public utilities     | 102 626 | 111 727 | 128 210   | 121 418   |
| Profits of public properties                         | 2 135   | 3 024   | 3 886     | 3 916     |
| Capitals from sales of properties & recalled capital | 20 715  | 27 567  | 30 911    | 38 991    |
| Donations and contributions                          | 470     | 476     | 442       | 584       |
| Others   | 33 043  | 34 333  | 46 074    | 42 929    |
| Net expenditures by administrative affairs , total   | 641 911 | 726 468 | 1 207 351 | 1 097 518 |
| General administration                               | 72 074  | 80 222  | 97 299    | 125 786   |
| National defense                                     | 148 798 | 160 375 | 187 908   | 210 974   |
| Education science and culture                        | 133 700 | 147 183 | 205 001   | 227 271   |
| Education  | ...     | ...     | ...       | ...       |
| Science  | ...     | ...     | ...       | ...       |
| Culture  | ...     | ...     | ...       | ...       |
| Economic development                                 | 171 364 | 192 406 | 541 385   | 302 281   |
| Agriculture  | ...     | ...     | ...       | ...       |
| Industry   | ...     | ...     | ...       | ...       |
| Transportation & communication                       | ...     | ...     | ...       | ...       |
| Other economic service                               | ...     | ...     | ...       | ...       |
| Social welfare                                       | 37 085  | 55 169  | 65 488    | 96 207    |
| Social insurance                                     | ...     | ...     | ...       | ...       |
| Social relief  | ...     | ...     | ...       | ...       |
| Benefit service                                      | ...     | ...     | ...       | ...       |
| Employment service                                   | ...     | ...     | ...       | ...       |
| Medical care   | ...     | ...     | ...       | ...       |
| Community development & environmental protection     | 18 266  | 21 883  | 26 104    | 31 248    |
| Community development                                | ...     | ...     | ...       | ...       |
| Environmental protection                             | ...     | ...     | ...       | ...       |
| Pension & survivors' benefits                        | 47 724  | 55 242  | 61 983    | 76 246    |
| Obligations  | 6 989   | 8 000   | 10 701    | 16 755    |
| Miscellaneous expenditure                            | 5 911   | 5 988   | 11 483    | 10 749    |

## expenditures of general government (continued)

Million NT\$

| FY 1991   | FY 1992   | FY 1993   | FY 1994   | FY 1995   | FY 1996   | FY 1997   | FY 1998   |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 049 931 | 1 257 568 | 1 416 334 | 1 502 754 | 1 559 429 | 1 604 184 | 1 704 759 | 2 053 458 |
| 748 508   | 909 110   | 983 387   | 1 062 778 | 1 170 856 | 1 141 838 | 1 213 274 | 1 339 605 |
| 60 113    | 58 513    | 62 109    | 64 703    | 61 408    | 55 959    | 58 179    | 57 448    |
| 23 846    | 34 403    | 51 123    | 44 194    | 58 913    | 59 939    | 65 894    | 68 946    |
| 13 815    | 18 757    | 21 760    | 25 383    | 28 391    | 31 918    | 32 557    | 38 140    |
| 94 835    | 141 045   | 166 471   | 184 914   | 141 956   | 181 094   | 180 797   | 361 574   |
| 5 949     | 7 582     | 17 290    | 11 854    | 14 824    | 16 346    | 19 570    | 41 483    |
| 52 395    | 38 915    | 63 348    | 60 832    | 36 805    | 53 241    | 75 338    | 92 838    |
| 620       | 1 016     | 1 051     | 425       | 769       | 875       | 1 492     | 1 644     |
| 49 851    | 48 227    | 49 794    | 47 671    | 45 507    | 62 975    | 57 657    | 51 781    |
| 1 275 613 | 1 561 930 | 1 756 306 | 1 826 367 | 1 910 066 | 1 843 786 | 1 878 764 | 1 992 593 |
| 153 278   | 198 348   | 208 961   | 216 069   | 222 403   | 243 973   | 244 757   | 257 265   |
| 227 099   | 239 398   | 253 511   | 321 821   | 269 960   | 284 926   | 291 920   | 312 286   |
| 288 077   | 324 834   | 350 351   | 382 197   | 357 487   | 374 401   | 375 822   | 411 513   |
| 204 697   | 260 858   | 282 419   | 313 144   | 287 896   | 297 999   | 296 076   | 326 163   |
| 45 679    | 45 094    | 44 143    | 43 002    | 43 991    | 50 453    | 51 689    | 55 077    |
| 37 701    | 18 882    | 23 789    | 26 052    | 25 601    | 25 948    | 28 057    | 30 273    |
| 322 087   | 461 821   | 545 651   | 468 080   | 438 152   | 329 135   | 295 035   | 335 012   |
| 69 534    | 196 127   | 71 604    | 129 710   | 89 799    | 86 220    | 103 823   | 109 786   |
| 28 024    | 76 753    | 128 416   | 54 617    | 36 028    | 24 729    | 18 416    | 20 676    |
| 185 715   | 108 383   | 257 713   | 216 267   | 264 186   | 168 165   | 132 233   | 141 243   |
| 38 814    | 80 557    | 87 918    | 67 486    | 48 139    | 50 021    | 40 564    | 63 307    |
| 117 772   | 135 040   | 145 759   | 158 523   | 231 766   | 290 002   | 294 982   | 282 767   |
| 33 378    | 46 765    | 47 640    | 50 491    | 94 749    | 125 545   | 114 480   | 116 843   |
| 13 581    | 6 334     | 9 607     | 9 745     | 20 968    | 30 222    | 36 000    | 25 000    |
| 46 374    | 53 780    | 57 838    | 65 957    | 83 449    | 100 833   | 111 141   | 110 149   |
| 2 851     | 2 801     | 3 254     | 3 545     | 3 313     | 4 369     | 4 981     | 3 466     |
| 21 587    | 25 361    | 27 419    | 28 785    | 29 288    | 29 033    | 28 381    | 27 308    |
| 33 089    | 63 042    | 72 163    | 81 543    | 65 309    | 68 035    | 68 614    | 74 850    |
| 8 200     | 16 414    | 18 677    | 22 968    | 17 077    | 18 785    | 16 838    | 16 801    |
| 24 890    | 46 628    | 53 486    | 58 575    | 48 231    | 49 250    | 51 776    | 58 049    |
| 88 320    | 94 975    | 102 076   | 111 237   | 118 121   | 137 118   | 179 723   | 187 673   |
| 33 398    | 33 936    | 63 894    | 75 179    | 194 890   | 106 061   | 115 630   | 115 896   |
| 12 492    | 10 537    | 13 941    | 11 717    | 11 978    | 10 135    | 12 280    | 15 331    |

Table 153. Net revenues and

| Item   | FY 1999   | FY 2000   | 2001      | 2002      |
|--|-----------|-----------|-----------|-----------|
| Net revenues by sources, total                       | 2 004 394 | 2 784 863 | 1 896 841 | 1 787 919 |
| Revenues from taxes                                  | 1 299 740 | 1 852 451 | 1 200 278 | 1 190 874 |
| Revenues from monopolies                             | 55 322    | 77 316    | 57 563    | 346       |
| Fees   | 67 179    | 112 252   | 76 932    | 125 261   |
| Fines and indemnities                                | 38 705    | 59 704    | 41 996    | 44 835    |
| Surplus of public enterprises & public utilities     | 324 851   | 458 420   | 346 581   | 260 869   |
| Profits of public properties                         | 25 416    | 26 555    | 20 319    | 12 943    |
| Capitals from sales of properties & recalled capital | 137 313   | 105 299   | 87 762    | 81 317    |
| Donations and contributions                          | 1 508     | 2 749     | 3 748     | 2 053     |
| Others   | 54 360    | 90 116    | 61 662    | 69 420    |
| Net expenditures by administrative affairs , total   | 2 050 004 | 3 140 936 | 2 271 755 | 2 144 994 |
| General administration                               | 279 113   | 468 033   | 328 736   | 325 815   |
| National defense                                     | 286 571   | 357 757   | 247 597   | 225 243   |
| Education science and culture                        | 429 127   | 655 109   | 430 078   | 437 756   |
| Education  | 333 218   | 517 070   | 326 658   | 339 731   |
| Science  | 60 650    | 93 191    | 67 847    | 69 839    |
| Culture  | 35 259    | 44 849    | 35 573    | 28 185    |
| Economic development                                 | 351 103   | 474 895   | 398 792   | 405 257   |
| Agriculture  | 98 947    | 140 335   | 128 099   | 110 932   |
| Industry   | 21 041    | 49 437    | 23 180    | 17 695    |
| Transportation & communication                       | 185 601   | 218 688   | 201 421   | 192 983   |
| Other economic service                               | 45 514    | 66 435    | 46 092    | 83 646    |
| Social welfare                                       | 280 452   | 531 809   | 396 981   | 323 615   |
| Social insurance                                     | 111 788   | 214 917   | 201 574   | 153 353   |
| Social relief  | 23 603    | 94 368    | 39 016    | 19 649    |
| Benefit service                                      | 114 610   | 179 133   | 126 862   | 120 266   |
| Employment service                                   | 3 631     | 3 271     | 2 900     | 2 613     |
| Medical care   | 26 819    | 40 120    | 26 629    | 27 733    |
| Community development & environmental protection     | 90 310    | 106 102   | 109 597   | 71 702    |
| Community development                                | 34 320    | 36 885    | 63 360    | 20 542    |
| Environmental protection                             | 55 990    | 69 217    | 46 238    | 51 160    |
| Pension & survivors' benefits                        | 180 582   | 265 079   | 175 722   | 170 988   |
| Obligations  | 140 910   | 270 252   | 171 565   | 170 966   |
| Miscellaneous expenditure                            | 11 836    | 11 900    | 12 687    | 13 652    |



## expenditures of general government (continued)

Million NT\$

| 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009 <sup>r</sup> | 2010      |
|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-----------|
| 1 948 847 | 1 927 400 | 2 218 039 | 2 177 018 | 2 244 758 | 2 231 614 | 2 113 644         | 2 115 497 |
| 1 220 116 | 1 353 410 | 1 531 297 | 1 556 652 | 1 685 875 | 1 710 617 | 1 483 518         | 1 565 847 |
| -         | -         | -         | -         | -         | -         | -                 | -         |
| 76 452    | 85 330    | 88 816    | 91 135    | 96 579    | 94 302    | 92 008            | 96 451    |
| 42 055    | 42 328    | 43 254    | 42 488    | 44 646    | 46 690    | 41 402            | 43 019    |
| 417 621   | 289 974   | 375 663   | 325 939   | 291 799   | 264 918   | 330 928           | 286 472   |
| 12 611    | 11 833    | 12 829    | 14 414    | 15 103    | 14 249    | 14 110            | 16 100    |
| 114 192   | 82 121    | 109 975   | 82 994    | 55 724    | 50 425    | 72 232            | 53 476    |
| 4 944     | 5 329     | 5 716     | 6 947     | 7 845     | 8 862     | 8 657             | 12 185    |
| 60 858    | 57 075    | 50 490    | 56 449    | 47 188    | 41 550    | 70 789            | 41 948    |
| 2 216 514 | 2 245 047 | 2 291 999 | 2 214 226 | 2 290 169 | 2 343 585 | 2 670 898         | 2 566 825 |
| 331 885   | 334 797   | 341 874   | 345 237   | 343 950   | 350 500   | 357 412           | 368 278   |
| 237 946   | 253 019   | 247 472   | 234 699   | 255 854   | 262 150   | 297 746           | 286 929   |
| 464 186   | 469 544   | 473 243   | 484 827   | 492 625   | 495 515   | 581 535           | 554 641   |
| 329 977   | 341 396   | 347 706   | 358 297   | 362 618   | 362 964   | 426 445           | 408 198   |
| 95 097    | 92 023    | 93 908    | 91 592    | 96 214    | 95 126    | 99 762            | 103 568   |
| 39 112    | 36 125    | 31 629    | 34 939    | 33 792    | 37 425    | 55 327            | 42 875    |
| 400 910   | 412 870   | 430 476   | 341 944   | 383 298   | 432 335   | 601 896           | 516 761   |
| 121 044   | 138 460   | 144 984   | 95 926    | 106 788   | 112 827   | 162 784           | 191 928   |
| 25 972    | 22 071    | 23 358    | 19 172    | 16 004    | 34 001    | 38 155            | 36 688    |
| 194 450   | 202 348   | 214 578   | 185 087   | 218 338   | 234 604   | 250 679           | 227 801   |
| 59 444    | 49 991    | 47 557    | 41 758    | 42 167    | 50 902    | 150 278           | 60 343    |
| 346 911   | 347 557   | 357 762   | 370 303   | 372 202   | 368 136   | 388 562           | 415 434   |
| 169 893   | 153 324   | 162 222   | 163 152   | 162 548   | 147 651   | 189 263           | 203 124   |
| 18 180    | 19 572    | 20 658    | 20 295    | 23 245    | 25 559    | 24 143            | 30 854    |
| 120 561   | 138 848   | 144 471   | 153 396   | 151 322   | 158 275   | 136 716           | 138 633   |
| 4 084     | 2 673     | 2 506     | 2 615     | 2 480     | 2 252     | 2 742             | 4 784     |
| 34 194    | 33 140    | 27 906    | 30 845    | 32 607    | 34 400    | 35 698            | 38 039    |
| 90 061    | 95 008    | 100 704   | 88 849    | 87 282    | 82 157    | 91 639            | 89 389    |
| 31 535    | 38 712    | 38 429    | 25 653    | 24 520    | 13 514    | 18 953            | 12 042    |
| 58 526    | 56 296    | 62 275    | 63 196    | 62 762    | 68 643    | 72 686            | 77 346    |
| 173 223   | 179 665   | 191 531   | 196 963   | 200 677   | 202 228   | 205 291           | 200 990   |
| 159 667   | 139 331   | 132 639   | 138 331   | 139 380   | 134 697   | 129 484           | 119 614   |
| 11 726    | 13 254    | 16 298    | 13 072    | 14 901    | 15 867    | 17 333            | 14 790    |

Table 154. Total net

| Item                                    | FY 1981        | FY 1982        | FY 1983        | FY 1984        | FY 1985        | FY 1986        |
|---|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>Total</b>                            | <b>315 049</b> | <b>338 090</b> | <b>342 379</b> | <b>383 364</b> | <b>394 846</b> | <b>401 800</b> |
| Taxes                                   | 281 087        | 300 496        | 302 478        | 343 212        | 353 109        | 356 975        |
| National taxes                          | 180 106        | 172 531        | 171 793        | 194 064        | 200 768        | 195 791        |
| Customs duties                          | 57 781         | 56 323         | 55 570         | 67 622         | 66 873         | 63 838         |
| Mining concession tax                   | 26             | 22             | 24             | 22             | 22             | 21             |
| Income tax                              | 58 147         | 65 542         | 65 016         | 67 957         | 75 889         | 79 440         |
| Business income tax                     | 31 531         | 33 411         | 28 994         | 33 850         | 36 686         | 37 259         |
| Individual income tax                   | 26 616         | 32 131         | 36 022         | 34 106         | 39 203         | 42 182         |
| Estate and gift tax                     | 1 690          | 1 930          | 2 094          | 2 745          | 2 831          | 2 962          |
| Commodity tax                           | 49 202         | 48 195         | 48 171         | 54 471         | 54 573         | 49 526         |
| Tobacco and alcohol tax                 | -              | -              | -              | -              | -              | -              |
| Stamp tax                               | 12 567         | -              | -              | -              | -              | -              |
| Securities transactions tax             | 692            | 519            | 918            | 1 247          | 581            | 3              |
| Futures transactions tax                | -              | -              | -              | -              | -              | -              |
| Business tax                            | -              | -              | -              | -              | -              | -              |
| Provincial & city taxes                 | 81 176         | 62 170         | 63 880         | 73 948         | 76 880         | 82 832         |
| Land tax                                | 35 877         | -              | -              | -              | -              | -              |
| Agricultural land tax                   | 1 086          | -              | -              | -              | -              | -              |
| Land value tax                          | 10 524         | -              | -              | -              | -              | -              |
| Land value increment tax                | 24 266         | -              | -              | -              | -              | -              |
| Business tax                            | 26 638         | 30 183         | 31 486         | 35 871         | 38 195         | 45 745         |
| Stamp tax                               | -              | 13 224         | 13 723         | 16 186         | 16 531         | 15 291         |
| Vehicle license tax                     | 5 445          | 6 105          | 6 582          | 7 368          | 8 076          | 9 140          |
| Harbour construction dues               | 13 216         | 12 658         | 12 089         | 14 523         | 14 078         | 12 656         |
| Municipality & county(city) taxes       | 19 805         | 65 795         | 66 805         | 75 200         | 75 460         | 78 353         |
| Land tax                                | -              | 41 143         | 41 051         | 47 196         | 46 094         | 47 068         |
| Agricultural land tax                   | -              | 1 160          | 1 318          | 1 115          | 1 107          | 973            |
| Land value tax                          | -              | 10 509         | 10 664         | 10 756         | 10 899         | 10 820         |
| Land value increment tax                | -              | 29 473         | 29 069         | 35 325         | 34 089         | 35 275         |
| House tax                               | 10 740         | 14 267         | 16 075         | 17 559         | 18 848         | 20 436         |
| Vehicle license tax                     | -              | -              | -              | -              | -              | -              |
| Deeds tax                               | 4 458          | 5 447          | 4 990          | 5 605          | 5 901          | 6 381          |
| Stamp tax                               | -              | -              | -              | -              | -              | -              |
| Amusement tax                           | 1 255          | 1 432          | 1 453          | 1 341          | 1 207          | 1 235          |
| Slaughter tax                           | 3 331          | 3 506          | 3 236          | 3 498          | 3 410          | 3 234          |
| Feast tax                               | 21             | - 0            | -              | -              | -              | -              |
| Monopoly revenues                       | 33 963         | 37 594         | 39 901         | 40 152         | 41 738         | 44 824         |
| Financial enterprises business tax      | -              | -              | -              | -              | -              | -              |
| Health and welfare surcharge on tobacco | -              | -              | -              | -              | -              | -              |

Notes : 1. Surtaxes and temporary taxes are included before 2000.

2. Taxes revenues of Kinmen Hsien & Lienchiang Hsien was included since FY 1993.

3. Fiscal Year(FY) means the period starting from July 1 of previous year to June 30 of current year, due to the amendment of Budget Law,

FY 2000 covers 18 months starting from July, 1999 to December, 2000 and since 2001 the period of fiscal year is coincided with calendar year.



Table 154. Total net

| Item                                    | FY 1996          | FY 1997          | FY 1998          | FY 1999          | FY2000           | 2001             |
|---|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Total</b>                            | <b>1 197 797</b> | <b>1 271 453</b> | <b>1 397 052</b> | <b>1 355 062</b> | <b>1 929 767</b> | <b>1 257 841</b> |
| Taxes                                   | 1 141 838        | 1 213 274        | 1 339 605        | 1 299 740        | 1 852 451        | 1 200 278        |
| National taxes                          | 661 414          | 706 200          | 808 298          | 788 392          | 1 513 155        | 997 266          |
| Customs duties                          | 104 806          | 103 406          | 114 331          | 103 045          | 156 815          | 92 558           |
| Mining concession tax                   | 12               | 14               | 11               | 11               | 15               | 9                |
| Income tax                              | 343 550          | 352 890          | 398 390          | 432 389          | 610 580          | 478 636          |
| Business income tax                     | 148 444          | 146 591          | 163 355          | 194 251          | 307 035          | 233 678          |
| Individual income tax                   | 195 106          | 206 300          | 235 036          | 238 138          | 303 545          | 244 958          |
| Estate and gift tax                     | 24 453           | 24 326           | 25 519           | 21 568           | 39 135           | 22 710           |
| Commodity tax                           | 154 673          | 146 445          | 150 363          | 145 497          | 219 425          | 133 883          |
| Tabacco and alcohol tax                 | -                | -                | -                | -                | -                | -                |
| Stamp tax                               | -                | -                | -                | -                | -                | -                |
| Securities transactions tax             | 33 920           | 79 118           | 119 683          | 84 677           | 160 292          | 63 899           |
| Futures transactions tax                | -                | -                | -                | 1 204            | 2 484            | 1 862            |
| Business tax                            | -                | -                | -                | -                | 324 410          | 203 707          |
| Provincial & city taxes                 | 260 122          | 269 275          | 293 087          | 302 397          | -                | -                |
| Land tax                                | -                | -                | -                | -                | -                | -                |
| Agricultural land tax                   | -                | -                | -                | -                | -                | -                |
| Land value tax                          | -                | -                | -                | -                | -                | -                |
| Land value increment tax                | -                | -                | -                | -                | -                | -                |
| Business tax                            | 216 837          | 223 450          | 243 998          | 251 782          | -                | -                |
| Stamp tax                               | 6 917            | 6 755            | 7 094            | 7 399            | -                | -                |
| Vehicle license tax                     | 36 367           | 39 070           | 41 996           | 43 216           | -                | -                |
| Harbour construction dues               | -                | -                | -                | -                | -                | -                |
| Municipality & county(city) taxes       | 220 302          | 237 798          | 238 220          | 208 951          | 339 209          | 202 987          |
| Land tax                                | 158 134          | 174 783          | 173 803          | 148 313          | 215 533          | 93 182           |
| Agricultural land tax                   | 1                | 0                | 0                | -                | -                | -                |
| Land value tax                          | 42 361           | 42 291           | 45 315           | 46 853           | 92 039           | 50 920           |
| Land value increment tax                | 115 772          | 132 492          | 128 488          | 101 460          | 123 494          | 42 262           |
| House tax                               | 42 946           | 45 852           | 48 302           | 45 852           | 48 436           | 48 056           |
| Vehicle license tax                     | -                | -                | -                | -                | 46 689           | 44 688           |
| Deeds tax                               | 17 370           | 15 509           | 14 346           | 13 096           | 15 267           | 8 493            |
| Stamp tax                               | -                | -                | -                | -                | 11 032           | 7 036            |
| Amusement tax                           | 1 851            | 1 655            | 1 769            | 1 690            | 2 252            | 1 533            |
| Slaughter tax                           | -                | -                | -                | -                | -                | -                |
| Education Surtax                        | -                | -                | -                | -                | 88               | 25               |
| Monopoly revenues                       | 55 959           | 58 179           | 57 448           | 55 322           | 77 316           | 57 563           |
| Financial enterprises business tax      | -                | -                | -                | -                | -                | -                |
| Health and welfare surcharge on tobacco | -                | -                | -                | -                | -                | -                |

Notes : Education Surtax is excluded from the National taxes and the Municipality & county(city) taxes since 2000.

## tax revenues (continued)

Million NT\$

| 2002             | 2003             | 2004             | 2005             | 2006             | 2007             | 2008             | 2009             | 2010             |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>1 225 601</b> | <b>1 252 766</b> | <b>1 387 300</b> | <b>1 567 396</b> | <b>1 600 804</b> | <b>1 733 895</b> | <b>1 760 438</b> | <b>1 530 282</b> | <b>1 622 244</b> |
| 1 190 874        | 1 220 116        | 1 353 410        | 1 531 297        | 1 556 652        | 1 685 875        | 1 710 617        | 1 483 518        | 1 565 847        |
| 981 610          | 991 380          | 1 097 710        | 1 269 563        | 1 295 680        | 1 420 741        | 1 461 840        | 1 238 558        | 1 292 839        |
| 85 901           | 82 783           | 78 885           | 82 374           | 79 567           | 81 859           | 80 426           | 68 827           | 89 484           |
| 10               | 10               | 4                | 1                | 0                | 0                | 0                | 0                | 0                |
| 392 939          | 411 087          | 455 914          | 625 807          | 646 218          | 730 160          | 834 988          | 640 967          | 590 387          |
| 165 759          | 213 683          | 241 089          | 329 357          | 311 888          | 382 634          | 445 245          | 334 163          | 285 701          |
| 227 180          | 197 404          | 214 825          | 296 450          | 334 330          | 347 526          | 389 744          | 306 804          | 304 686          |
| 23 537           | 30 106           | 29 048           | 30 451           | 28 694           | 28 481           | 28 978           | 22 327           | 40 330           |
| 143 641          | 146 012          | 159 644          | 168 411          | 159 201          | 149 037          | 126 660          | 127 879          | 150 777          |
| 41 188           | 49 773           | 48 336           | 50 443           | 51 042           | 50 415           | 49 506           | 45 349           | 44 516           |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| 76 794           | 69 283           | 84 148           | 68 204           | 89 954           | 128 895          | 90 630           | 105 956          | 104 574          |
| 2 864            | 4 806            | 8 272            | 6 342            | 4 072            | 5 758            | 6 692            | 3 750            | 4 556            |
| 214 735          | 197 521          | 233 460          | 237 531          | 236 931          | 246 137          | 243 961          | 223 503          | 268 214          |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| 209 241          | 228 718          | 255 691          | 261 725          | 260 964          | 265 129          | 248 772          | 244 960          | 273 017          |
| 98 069           | 111 803          | 133 893          | 135 370          | 131 208          | 133 691          | 116 082          | 112 367          | 136 357          |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| 50 169           | 50 762           | 52 617           | 53 706           | 54 660           | 59 009           | 59 127           | 59 054           | 63 044           |
| 47 900           | 61 041           | 81 276           | 81 664           | 76 547           | 74 682           | 56 955           | 53 313           | 73 313           |
| 46 464           | 48 013           | 49 323           | 50 877           | 52 494           | 53 883           | 55 343           | 56 347           | 58 203           |
| 45 886           | 47 765           | 49 904           | 51 863           | 52 548           | 53 271           | 53 255           | 53 050           | 54 052           |
| 10 262           | 11 600           | 12 937           | 13 178           | 14 014           | 13 637           | 12 696           | 13 066           | 13 815           |
| 6 911            | 7 786            | 7 771            | 8 458            | 8 714            | 8 837            | 9 650            | 8 464            | 8 945            |
| 1 649            | 1 751            | 1 862            | 1 979            | 1 986            | 1 809            | 1 745            | 1 666            | 1 646            |
| -                | -                | -                | -                | -                | -                | -                | -                | -                |
| 23               | 18               | 9                | 10               | 8                | 5                | 5                | 0                | - 9              |
| 346              | -                | -                | -                | -                | -                | -                | -                | -                |
| 26 083           | 22 433           | 24 230           | 25 712           | 26 644           | 28 131           | 29 706           | 21 853           | 21 602           |
| 8 298            | 10 217           | 9 661            | 10 387           | 17 508           | 19 888           | 20 115           | 24 911           | 34 795           |

Table 155. Government bonds: issues, redemption and outstanding volumes

Million NT\$

| End of Year      | Total       | Issued by central government        |           | Issued by provincial government | Issued by municipal government |
|------------------|-------------|-------------------------------------|-----------|---------------------------------|--------------------------------|
|                  |             | Construction bonds of central gov't | Others    |                                 |                                |
| 1982 Outstanding | 43 386      | 33 624                              | 18        | 7 602                           | 2 142                          |
| 1983 Outstanding | 48 338      | 37 887                              | 15        | 5 922                           | 4 514                          |
| 1984 Outstanding | 43 109      | 30 574                              | 14        | 7 102                           | 5 419                          |
| 1985 Outstanding | 66 429      | 49 870                              |           | 8 380                           | 8 179                          |
| 1986 Outstanding | 92 131      | 73 508                              |           | 9 880                           | 8 743                          |
| 1987 Outstanding | 130 741     | 105 072                             |           | 13 660                          | 12 009                         |
| 1988 Outstanding | 183 939     | 151 422                             |           | 20 920                          | 13 390                         |
| 1989 Outstanding | 222 815     | 169 847                             |           | 31 520                          | 21 448                         |
| 1990 Outstanding | 188 774     | 127 437                             |           | 42 085                          | 19 252                         |
| 1991 Outstanding | 347 647     | 260 163                             |           | 63 324                          | 24 160                         |
| 1992 Outstanding | 531 404     | 451 058                             |           | 75 175                          | 25 171                         |
| 1993 Outstanding | 722 269     | 613 540                             |           | 80 068                          | 28 661                         |
| 1994 Outstanding | 797 758     | 710 155                             |           | 65 069                          | 22 534                         |
| 1995 Outstanding | 867 140     | 805 110                             |           | 46 848                          | 15 182                         |
| 1996 Outstanding | 996 277     | 936 146                             |           | 33 158                          | 26 973                         |
| 1997 Outstanding | 1 034 831   | 975 394                             |           | 32 347                          | 31 090                         |
| 1998 Outstanding | 1 043 899   | 969 422                             |           | 74 477                          |                                |
| 1999 Outstanding | 1 245 232   | 1 181 930                           |           | 63 302                          |                                |
| 2000 Outstanding | 1 480 335   | 1 409 036                           |           | 71 299                          |                                |
| 2001 Outstanding | 1 858 304   | 1 772 613                           |           | 85 691                          |                                |
| 2002 Outstanding | 2 214 536   | 2 124 129                           |           | 90 407                          |                                |
| 2003 Outstanding | 2 588 495   | 2 503 633                           |           | 84 862                          |                                |
| 2004 Outstanding | 2 852 667   | 2 729 233                           |           | 123 434                         |                                |
| 2005 Outstanding | 3 142 228   | 3 013 072                           |           | 129 156                         |                                |
| 2006 Outstanding | 3 384 723   | 3 239 339                           |           | 145 384                         |                                |
| 2007 Outstanding | 3 519 847   | 3 410 030                           |           | 109 817                         |                                |
| 2008 Outstanding | 3 736 184   | 3 609 731                           |           | 126 453                         |                                |
| 2009 Outstanding | 3 970 940   | 3 829 580                           |           | 141 360                         |                                |
| 2010 {           | Issues      | 629 300                             | 610 000   |                                 | 19 300                         |
|                  | Redemption  | 265 942                             | 251 989   |                                 | 13 953                         |
|                  | Outstanding | 4 334 298                           | 4 187 591 |                                 | 146 707                        |

## PRICES

This chapter is concerned with data on price indices, including wholesale price index, consumer price index, import price index, and export price index. These four kinds of indices are compiled by the Directorate-General of Budget, Accounting and Statistics, using the intentional sampling method and calculated by the Laspeyres formula. Results of the compilation are published in the *Price Statistics Monthly*.

The Wholesale price survey covers a scope limited only to the tradable goods at the processing stage (including materials, semi-finished goods, and finished goods) and importing commodities, excluding such non-tradable products as services, real estates, and securities. The commodities under investigation are picked based on the economic structure of Taiwan Area in the base year, updated once every five years, a practice applicable to all other price indices. The priced commodities include 424 items for consumer prices, 1,123 items for wholesale prices, 273 items for import prices, 275 items for export prices and 108 items for construction cost. The investigation is conducted by correspondence inquiry. The price of domestic manufactured goods are surveyed by monthly inquiry mailing to selected companies except the prices of Agriculture, Forestry and Fishing goods are obtained from the digital transmission data dispatch by the Council of Agriculture, Executive Yuan. The designated companies are required to report the actual selling prices of selected commodities most close to the 20th day of a month. (In principal, prices after adjustment for rebates, tax, and shipment, etc.) The prices of import and export goods are directly provided by the Import and Export Price Indices Survey conducted by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan.

The consumer price survey covers a scope of consumer goods and services purchased by ordinary families, excluding investment or savings goods such a financial assets and real estates. The priced items were selected based on the family consumption structure in the base year. During pricing period, the actual retail prices of the selected items are taken by investigators in 16 pricing counties and cities. Rural areas were included in the pricing scope in the base year of 1981; however, due to the restraint of funding, the priced items have been less than those of the urban areas. In the base year of 2006, a total of 424 items of goods and services were designated for pricing in 16 cities or counties; for the 8 surveyed cities, prices are collected nine times a month for fresh food and three times a month for other goods and services; for the 8 surveyed counties, they are three times and once a month respectively.

The import and export price survey covers a scope of commodities imported and exported. The priced items were picked based on the structure of imports and exports prevailing in the base year. The pricing is conducted by way of correspondence investigation. Selected importers and exporters are required to report the actual transaction prices most close to the 20th day of a month. The export price is on a F.O.B. basis while the import, on a C.I.F. basis. For the base year of 2006, a total of 273 import categories items and 275 export categories items have been selected for pricing.

The price data contained in this chapter are not seasonally adjusted ones. For seasonally adjusted price statistics, please refer to the *Price Statistics Monthly*. For the four price indices, the seasonal price adjustment is done, following the X-11-ARIMA program adopted by the US Census Bureau.

Table 156. Indices of wholesale price

2006 = 100

| Item  | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   |
|---|--------|--------|--------|--------|--------|--------|
| General index                                       | 94.67  | 100.00 | 106.47 | 111.95 | 102.17 | 107.75 |
| Domestic sales including imports                    | 93.55  | 100.00 | 107.59 | 116.82 | 105.38 | 113.00 |
| Domestic sales excluding imports                    | 95.00  | 100.00 | 106.39 | 115.48 | 103.93 | 111.66 |
| Imports   | 91.90  | 100.00 | 108.95 | 118.58 | 107.19 | 114.74 |
| Exports   | 97.57  | 100.00 | 103.56 | 101.34 | 94.65  | 96.57  |
| Basic group indices                                 |        |        |        |        |        |        |
| Agriculture, forestry, livestock & fishery products | 103.14 | 100.00 | 108.71 | 132.13 | 123.35 | 128.07 |
| Farm products                                       | 103.12 | 100.00 | 113.98 | 134.13 | 115.94 | 118.61 |
| Poultry & livestock products                        | 109.14 | 100.00 | 105.42 | 133.49 | 129.92 | 132.42 |
| Forest products                                     | 92.75  | 100.00 | 115.81 | 111.58 | 99.54  | 113.96 |
| Aquatic products                                    | 97.38  | 100.00 | 100.65 | 126.07 | 130.11 | 139.90 |
| Quarrying and mineral products                      | 82.95  | 100.00 | 113.17 | 150.33 | 111.86 | 132.45 |
| Energy minerals                                     | 79.96  | 100.00 | 111.63 | 144.92 | 101.45 | 123.69 |
| Manufacturing products                              | 95.28  | 100.00 | 105.84 | 108.05 | 99.67  | 104.28 |
| Foods   | 96.27  | 100.00 | 109.12 | 121.52 | 118.42 | 126.18 |
| Beverages   | 99.59  | 100.00 | 100.29 | 102.08 | 103.12 | 102.89 |
| Tobaccos  | 91.88  | 100.00 | 102.94 | 102.49 | 111.48 | 117.65 |
| Textile products                                    | 98.57  | 100.00 | 104.55 | 107.01 | 107.73 | 116.33 |
| Ready-made apparel & accessories                    | 99.59  | 100.00 | 100.30 | 97.02  | 100.24 | 97.90  |
| Leather, fur & related products                     | 97.10  | 100.00 | 105.13 | 104.77 | 104.23 | 110.07 |
| Lumber & bamboo products                            | 96.79  | 100.00 | 105.54 | 109.55 | 106.41 | 114.49 |
| Pulp, paper & allied products                       | 98.53  | 100.00 | 106.11 | 116.04 | 106.60 | 120.73 |
| Petroleum & coal products                           | 84.13  | 100.00 | 112.20 | 135.12 | 101.21 | 119.59 |
| Chemical material                                   | 92.54  | 100.00 | 110.35 | 116.34 | 94.92  | 115.80 |
| Chemical products & medical goods                   | 98.19  | 100.00 | 102.75 | 107.46 | 110.03 | 108.97 |
| Rubber & plastic products                           | 97.49  | 100.00 | 103.28 | 109.41 | 111.53 | 113.09 |
| Non-metallic mineral products                       | 97.26  | 100.00 | 105.63 | 113.97 | 113.14 | 107.02 |
| Basic metal   | 83.11  | 100.00 | 121.90 | 134.65 | 98.07  | 118.62 |
| Fabricated metal products                           | 97.12  | 100.00 | 110.65 | 119.31 | 106.88 | 111.96 |
| Electronic parts & components                       | 102.58 | 100.00 | 96.00  | 85.18  | 83.91  | 80.11  |
| Computers, electronic & optical products            | 104.63 | 100.00 | 96.10  | 87.49  | 87.20  | 80.76  |
| Electrical equipment                                | 87.26  | 100.00 | 105.12 | 106.52 | 102.76 | 108.04 |
| Machinery & equipment                               | 99.68  | 100.00 | 101.66 | 105.72 | 112.13 | 110.78 |
| Transportation equipment & parts                    | 100.52 | 100.00 | 101.29 | 103.93 | 108.40 | 107.99 |
| Furniture & fixtures                                | 98.69  | 100.00 | 101.78 | 106.85 | 108.97 | 107.02 |
| Miscellaneous products                              | 97.58  | 100.00 | 102.56 | 103.79 | 107.30 | 107.45 |
| Water supply, electricity & gas                     | 95.36  | 100.00 | 104.55 | 113.46 | 123.55 | 127.39 |
| Water supply  | 94.68  | 100.00 | 100.00 | 100.00 | 100.00 | 98.10  |
| Electricity   | 96.25  | 100.00 | 103.61 | 113.05 | 128.87 | 129.62 |
| Gas   | 90.99  | 100.00 | 111.57 | 120.86 | 103.53 | 126.51 |



**Table 157. Indices of wholesale price by industry**

2006 = 100

| Year | Agriculture,<br>forestry livestock &<br>fishery products | Minerals products | Manufacturing<br>products | Manufacturing products                       |                                       | Water supply,<br>electricity & gas |
|------|--|-------------------|---------------------------|--|---------------------------------------|------------------------------------|
|      |  |                   |                           | Non-heavy<br>chemical industrial<br>products | Heavy chemical<br>industrial products |                                    |
| 1996 | 96.73  | 28.96             | 94.03                     | 92.44  | 96.13                                 | 90.48                              |
| 1997 | 85.78  | 32.58             | 94.01                     | 93.77  | 95.00                                 | 91.57                              |
| 1998 | 93.67  | 30.40             | 94.45                     | 97.24  | 94.06                                 | 91.95                              |
| 1999 | 99.33  | 34.84             | 88.88                     | 94.27  | 87.24                                 | 90.99                              |
| 2000 | 88.78  | 43.31             | 90.47                     | 93.39  | 89.93                                 | 92.88                              |
| 2001 | 84.56  | 43.13             | 89.35                     | 94.25  | 87.91                                 | 93.00                              |
| 2002 | 84.43  | 45.38             | 89.21                     | 95.29  | 87.22                                 | 92.62                              |
| 2003 | 90.26  | 51.99             | 90.77                     | 96.34  | 89.12                                 | 93.53                              |
| 2004 | 102.04   | 64.93             | 96.30                     | 98.44  | 95.66                                 | 94.30                              |
| 2005 | 103.14   | 82.95             | 95.28                     | 97.80  | 94.53                                 | 95.36                              |
| 2006 | 100.00   | 100.00            | 100.00                    | 100.00                                       | 100.00                                | 100.00                             |
| 2007 | 108.71   | 113.17            | 105.84                    | 104.20                                       | 106.32                                | 104.55                             |
| 2008 | 132.13   | 150.33            | 108.05                    | 108.57                                       | 108.03                                | 113.46                             |
| 2009 | 123.35   | 111.86            | 99.67                     | 108.41                                       | 97.69                                 | 123.55                             |
| 2010 | 128.07   | 132.45            | 104.28                    | 112.26                                       | 102.50                                | 127.39                             |

**Table 158. Indices of wholesale price by stage of processing**

2006 = 100

| Year | Raw<br>materials | Intermediate<br>materials | Finished goods | Manufacturing products |                   |                              |                                  |
|------|------------------|---------------------------|----------------|------------------------|-------------------|------------------------------|----------------------------------|
|      |                  |                           |                | Capital goods          | Consumer<br>goods | Durable<br>consumer<br>goods | Non-durable<br>consumer<br>goods |
| 1996 | 44.91            | 84.48                     | 105.80         | 116.59                 | 100.38            | 115.12                       | 96.98                            |
| 1997 | 45.30            | 83.58                     | 102.54         | 111.82                 | 97.56             | 113.80                       | 93.59                            |
| 1998 | 45.21            | 81.33                     | 103.50         | 116.99                 | 97.74             | 115.12                       | 92.99                            |
| 1999 | 50.18            | 77.23                     | 101.45         | 113.63                 | 96.19             | 113.26                       | 91.53                            |
| 2000 | 53.02            | 81.05                     | 100.03         | 110.35                 | 95.47             | 113.79                       | 90.56                            |
| 2001 | 52.25            | 78.73                     | 99.34          | 109.51                 | 94.85             | 111.86                       | 90.21                            |
| 2002 | 55.10            | 78.93                     | 99.34          | 107.83                 | 95.47             | 108.86                       | 91.59                            |
| 2003 | 62.29            | 82.75                     | 99.65          | 107.27                 | 96.20             | 106.63                       | 93.11                            |
| 2004 | 75.66            | 92.24                     | 100.32         | 105.35                 | 98.04             | 104.55                       | 96.12                            |
| 2005 | 87.36            | 92.62                     | 99.74          | 100.78                 | 99.28             | 101.06                       | 98.75                            |
| 2006 | 100.00           | 100.00                    | 100.00         | 100.00                 | 100.00            | 100.00                       | 100.00                           |
| 2007 | 114.04           | 108.32                    | 101.77         | 100.29                 | 102.44            | 99.47                        | 103.32                           |
| 2008 | 143.46           | 114.40                    | 105.70         | 102.49                 | 107.20            | 98.17                        | 111.03                           |
| 2009 | 112.35           | 104.50                    | 107.89         | 109.40                 | 106.50            | 98.81                        | 109.52                           |
| 2010 | 132.54           | 110.42                    | 108.55         | 108.30                 | 108.23            | 97.06                        | 113.34                           |

**Table 159. Indices of consumer price by commodity quality**

2006 = 100

| Year | General index | General index<br>excluding food | Commodity                   |                                |                               |                                  |         | Service |
|------|---------------|---------------------------------|-----------------------------|--------------------------------|-------------------------------|----------------------------------|---------|---------|
|      |               |                                 | Commodity<br>including food | Commodity<br>excluding<br>food | Non-durable<br>including food | Non-durable<br>excluding<br>food | Durable |         |
| 1986 | 67.29         | 70.26                           | 76.17                       | 95.88                          | 64.94                         | 80.87                            | 129.57  | 56.90   |
| 1987 | 67.64         | 70.35                           | 76.07                       | 94.35                          | 65.06                         | 79.16                            | 128.47  | 57.77   |
| 1988 | 68.51         | 71.20                           | 76.07                       | 93.05                          | 65.18                         | 77.37                            | 124.33  | 59.66   |
| 1989 | 71.53         | 73.58                           | 78.18                       | 92.06                          | 67.73                         | 76.34                            | 121.26  | 63.78   |
| 1990 | 74.49         | 76.88                           | 79.46                       | 92.18                          | 69.32                         | 77.09                            | 119.00  | 68.71   |
| 1991 | 77.18         | 80.85                           | 80.34                       | 93.97                          | 70.24                         | 79.86                            | 118.58  | 73.55   |
| 1992 | 80.63         | 83.17                           | 83.82                       | 94.18                          | 74.77                         | 80.37                            | 116.66  | 76.97   |
| 1993 | 83.00         | 85.56                           | 84.97                       | 94.05                          | 76.49                         | 80.83                            | 117.55  | 80.65   |
| 1994 | 86.41         | 88.19                           | 88.03                       | 94.34                          | 80.24                         | 80.74                            | 119.40  | 84.42   |
| 1995 | 89.58         | 91.18                           | 91.16                       | 96.95                          | 83.29                         | 82.81                            | 122.06  | 87.65   |
| 1996 | 92.33         | 93.67                           | 93.71                       | 98.70                          | 85.91                         | 84.27                            | 122.53  | 90.61   |
| 1997 | 93.17         | 95.21                           | 93.30                       | 99.21                          | 85.56                         | 85.89                            | 120.41  | 92.74   |
| 1998 | 94.73         | 95.91                           | 94.55                       | 97.94                          | 88.42                         | 86.06                            | 118.27  | 94.67   |
| 1999 | 94.90         | 96.42                           | 93.25                       | 96.75                          | 87.34                         | 85.54                            | 115.67  | 96.27   |
| 2000 | 96.09         | 97.96                           | 93.92                       | 97.84                          | 88.49                         | 88.34                            | 114.16  | 97.97   |
| 2001 | 96.08         | 98.29                           | 92.86                       | 96.85                          | 87.75                         | 88.27                            | 111.50  | 98.99   |
| 2002 | 95.89         | 98.08                           | 92.78                       | 96.95                          | 88.13                         | 89.79                            | 109.21  | 98.69   |
| 2003 | 95.62         | 97.76                           | 92.81                       | 96.80                          | 88.73                         | 90.78                            | 105.68  | 98.13   |
| 2004 | 97.17         | 98.43                           | 95.52                       | 97.89                          | 92.45                         | 92.73                            | 103.99  | 98.62   |
| 2005 | 99.41         | 98.93                           | 99.45                       | 98.20                          | 98.45                         | 94.56                            | 101.63  | 99.37   |
| 2006 | 100.00        | 100.00                          | 100.00                      | 100.00                         | 100.00                        | 100.00                           | 100.00  | 100.00  |
| 2007 | 101.80        | 101.39                          | 102.76                      | 102.59                         | 103.55                        | 104.36                           | 99.65   | 100.94  |
| 2008 | 105.39        | 103.08                          | 107.86                      | 104.81                         | 110.84                        | 108.77                           | 98.26   | 103.24  |
| 2009 | 104.47        | 102.01                          | 106.10                      | 102.65                         | 109.50                        | 107.14                           | 93.61   | 102.96  |
| 2010 | 105.48        | 103.13                          | 107.99                      | 105.10                         | 112.31                        | 112.37                           | 92.55   | 103.28  |

Table 160. Indices of consumer price

2006 = 100

| Item                            | 2005   | 2006   | 2007 <sup>r</sup> | 2008   | 2009 <sup>r</sup> | 2010   |
|---------------------------------|--------|--------|-------------------|--------|-------------------|--------|
| General index                   | 99.41  | 100.00 | 101.80            | 105.39 | 104.47            | 105.48 |
| Food                            | 100.64 | 100.00 | 102.85            | 111.65 | 111.16            | 111.84 |
| Cereals & cereal products       | 98.85  | 100.00 | 102.56            | 114.10 | 116.39            | 115.80 |
| Rice & rice products            | 100.00 | 100.00 | 99.82             | 108.37 | 113.49            | 112.16 |
| Meat                            | 100.84 | 100.00 | 103.28            | 118.71 | 118.25            | 120.54 |
| Meat products                   | 98.88  | 100.00 | 100.68            | 112.30 | 118.17            | 117.44 |
| Eggs                            | 104.21 | 100.00 | 105.00            | 127.29 | 127.94            | 113.91 |
| Fish & shellfish                | 99.30  | 100.00 | 106.19            | 119.43 | 124.64            | 133.04 |
| Processed fishes                | 97.32  | 100.00 | 100.91            | 113.25 | 120.13            | 121.75 |
| Vegetables                      | 109.53 | 100.00 | 109.49            | 109.38 | 97.52             | 98.65  |
| Processed vegetables            | 100.30 | 100.00 | 103.34            | 114.24 | 118.36            | 123.08 |
| Fruits                          | 98.97  | 100.00 | 96.46             | 108.48 | 102.24            | 100.50 |
| Processed fruits                | 98.72  | 100.00 | 100.55            | 104.66 | 109.43            | 109.79 |
| Dairy products                  | 98.81  | 100.00 | 105.78            | 117.35 | 120.05            | 125.28 |
| Bean and bean products          | 95.66  | 100.00 | 98.39             | 112.99 | 116.19            | 119.16 |
| Edible oil                      | 98.75  | 100.00 | 107.58            | 143.95 | 139.66            | 139.65 |
| Condiments                      | 99.29  | 100.00 | 100.48            | 105.32 | 108.78            | 111.63 |
| Alcoholic                       | 99.80  | 100.00 | 99.63             | 99.98  | 98.70             | 95.46  |
| Nonalcoholic beverages          | 101.33 | 100.00 | 100.26            | 103.86 | 104.06            | 103.38 |
| Cooked food                     | 98.74  | 100.00 | 102.57            | 109.24 | 111.88            | 107.02 |
| Food away from home             | 99.33  | 100.00 | 102.50            | 110.14 | 110.91            | 110.94 |
| Other food                      | 97.90  | 100.00 | 101.75            | 110.42 | 115.07            | 115.51 |
| Clothing                        | 102.47 | 100.00 | 103.01            | 104.88 | 104.81            | 107.32 |
| Garments                        | 104.54 | 100.00 | 103.17            | 104.02 | 103.14            | 105.48 |
| Footwear                        | 101.95 | 100.00 | 101.82            | 102.60 | 102.28            | 101.70 |
| Apparel services & accessories  | 94.87  | 100.00 | 103.37            | 109.01 | 111.99            | 117.92 |
| Housing                         | 99.16  | 100.00 | 100.94            | 102.39 | 102.05            | 102.55 |
| Residential rent                | 99.80  | 100.00 | 100.20            | 100.82 | 100.58            | 100.61 |
| Maintenance & repairs           | 96.21  | 100.00 | 104.41            | 109.12 | 106.58            | 107.34 |
| Household appliances            | 99.41  | 100.00 | 101.57            | 104.33 | 104.86            | 104.12 |
| Household keeping services      | 100.52 | 100.00 | 99.90             | 99.33  | 99.06             | 99.59  |
| Water, electricity & gas supply | 96.27  | 100.00 | 103.46            | 107.76 | 107.09            | 110.70 |
| Transportation & communication  | 98.35  | 100.00 | 101.72            | 104.10 | 99.93             | 102.71 |
| Transportation equipment        | 102.37 | 100.00 | 99.37             | 97.98  | 93.54             | 96.72  |
| Oils                            | 89.83  | 100.00 | 106.10            | 113.54 | 101.73            | 112.34 |
| Communication services          | 100.56 | 100.00 | 100.67            | 102.16 | 101.19            | 100.66 |
| Medicines & medical care        | 96.80  | 100.00 | 103.91            | 106.17 | 106.81            | 107.50 |
| Medical care services           | 95.82  | 100.00 | 100.45            | 101.64 | 102.73            | 103.26 |
| Medicines & health food         | 98.54  | 100.00 | 115.91            | 122.06 | 121.87            | 123.65 |
| Medical supplies & appliance    | 101.12 | 100.00 | 99.66             | 100.17 | 99.18             | 98.25  |
| Education & entertainment       | 99.83  | 100.00 | 100.61            | 101.93 | 100.11            | 100.06 |
| Educational expenses            | 99.64  | 100.00 | 100.33            | 100.45 | 99.43             | 98.34  |
| Entertainment expenses          | 100.37 | 100.00 | 101.42            | 104.59 | 101.32            | 103.17 |
| Miscellaneous                   | 95.76  | 100.00 | 101.90            | 103.50 | 106.46            | 109.38 |
| Tobacco & betelnut              | 89.85  | 100.00 | 103.83            | 104.96 | 115.94            | 128.21 |
| Cosmetic items                  | 99.91  | 100.00 | 100.99            | 104.66 | 105.70            | 105.36 |
| Personal care services          | 99.41  | 100.00 | 99.90             | 99.50  | 99.03             | 98.50  |
| Others                          | 99.52  | 100.00 | 101.04            | 103.35 | 103.20            | 103.61 |

**Table 161. Indices of import price by S.I.T.C.**

2006 = 100

| Item  | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   |
|---|--------|--------|--------|--------|--------|--------|
| General index                               | 91.90  | 100.00 | 108.95 | 118.58 | 107.19 | 114.74 |
| Foods and edible live animals               | 86.90  | 100.00 | 124.65 | 140.25 | 124.60 | 139.43 |
| Beverages and tobaccos                      | 97.91  | 100.00 | 104.92 | 105.93 | 108.11 | 107.06 |
| Inedible crude materials, except fuels      | 91.40  | 100.00 | 117.47 | 143.11 | 119.69 | 152.63 |
| Fuels and related materials                 | 83.27  | 100.00 | 113.06 | 151.70 | 110.21 | 130.22 |
| Chemicals and related products              | 94.57  | 100.00 | 108.66 | 114.37 | 104.74 | 113.35 |
| Manufacturing goods classified by materials | 78.49  | 100.00 | 121.13 | 126.01 | 101.24 | 118.27 |
| Machinery and transport equipments          | 102.21 | 100.00 | 98.77  | 94.46  | 100.26 | 96.19  |
| Miscellaneous products                      | 100.82 | 100.00 | 101.47 | 100.14 | 103.82 | 102.48 |

**Table 162. Indices of export price by S.I.T.C.**

2006 = 100

| Item  | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   |
|---|--------|--------|--------|--------|--------|--------|
| General index                               | 97.57  | 100.00 | 103.56 | 101.34 | 94.65  | 96.57  |
| Foods and edible live animals               | 96.58  | 100.00 | 100.19 | 122.92 | 120.71 | 130.56 |
| Inedible crude materials, except fuels      | 94.48  | 100.00 | 110.90 | 123.92 | 100.99 | 128.59 |
| Chemicals and related products              | 94.41  | 100.00 | 110.50 | 113.10 | 99.97  | 114.03 |
| Manufacturing goods classified by materials | 94.63  | 100.00 | 110.04 | 113.66 | 102.41 | 111.22 |
| Machinery and transport equipments          | 100.77 | 100.00 | 97.72  | 90.22  | 90.17  | 85.84  |
| Miscellaneous products                      | 95.95  | 100.00 | 104.10 | 105.89 | 90.54  | 93.62  |

## ADMINISTRATION

This chapter is concerned with information on civil service personnel, central and local public office elections and aids extended for foreign countries. Information on civil service personnel is obtained from the official statistics of the Ministry of Civil Service, contained in the *Personnel Affairs Statistics*, an annual report published by the Ministry of Civil Service. Data on public office elections are compiled by the Central Election Commission one month after the elections are closed and incorporated in the *Statistical Yearbook of Interior of the Republic of China* published by the Ministry of Interior. As for data on aids extended for foreign countries is from the International Cooperation & Development Fund and the International Cooperation Department, Ministry of Economic Affairs.

**Civil Service Personnel** -- They include all politically appointed officials and administrative officers filling in civil service positions given with specific titles, grades and steeds at executive agencies, public enterprises, public schools, and other organizations formed on accordance with laws. Also included in this category are elected chiefs of government offices and military officers filling in civil service positions.

**Central Public Office Elections** -- After our country put the Constitution into force, the first central public office elections took place in 1947. Legislators had a term of three years before 2008, which is four afterwards. Meanwhile national assemblymen and members of Control Yuan had a terms of six years. However, due to the loss of the mainland to the Chinese communists, the central public offices could not be put for re-election. To meet the national requirement and to make up the vacancies left for one reason or another, several additional and supplementary elections had been conducted. When the Mobilization Period ended in 1991, the second term of national assemblymen were elected in accordance with the provisions of the Constitution as amended. The election for the second term of legislators were elected for late December 1992.

**Local Public Office Elections** -- Local elected public offices include Taiwan provincial governor, Taiwan provincial assemblymen, mayers and councilmen at Taipei and Kaohsiung Cities, county (or city) councilmen, county magistrates, and city mayors in Taiwan Province. However, the term of Taiwan Provincial governor and Taiwan provincial assemblymen ended in December 1998.

Table 163. Civil service personnel

| Year | Total   | Administrative agencies |                    |                   |
|------|---------|-------------------------|--------------------|-------------------|
|      |         | Sub-total               | Central government | Local governments |
| 1981 | 442 991 | 152 527                 | 40 043             | 112 484           |
| 1982 | 453 842 | 157 513                 | 43 397             | 114 116           |
| 1983 | 463 196 | 162 548                 | 45 270             | 117 278           |
| 1984 | 476 233 | 168 488                 | 46 888             | 121 600           |
| 1985 | 491 250 | 172 238                 | 48 349             | 123 889           |
| 1986 | 498 909 | 176 395                 | 50 158             | 126 237           |
| 1987 | 507 238 | 177 927                 | 50 980             | 126 947           |
| 1988 | 530 068 | 190 101                 | 51 764             | 138 337           |
| 1989 | 552 519 | 202 687                 | 54 677             | 148 010           |
| 1990 | 569 768 | 205 623                 | 73 198             | 132 425           |
| 1991 | 574 658 | 213 897                 | 77 911             | 135 986           |
| 1992 | 592 976 | 221 775                 | 82 648             | 139 127           |
| 1993 | 607 457 | 229 974                 | 85 156             | 144 818           |
| 1994 | 612 514 | 233 064                 | 87 955             | 145 109           |
| 1995 | 618 170 | 240 901                 | 93 322             | 147 579           |
| 1996 | 622 699 | 244 463                 | 94 429             | 150 034           |
| 1997 | 625 753 | 245 246                 | 95 238             | 150 008           |
| 1998 | 602 396 | 245 282                 | 93 948             | 151 334           |
| 1999 | 599 134 | 242 847                 | 116 769            | 126 078           |
| 2000 | 602 407 | 240 780                 | 113 934            | 126 846           |
| 2001 | 395 523 | 217 211                 | 91 806             | 125 405           |
| 2002 | 389 957 | 218 958                 | 90 491             | 128 467           |
| 2003 | 376 128 | 218 775                 | 89 348             | 129 427           |
| 2004 | 368 899 | 217 418                 | 88 420             | 128 998           |
| 2005 | 337 261 | 215 783                 | 87 376             | 128 407           |
| 2006 | 335 274 | 216 422                 | 87 018             | 129 404           |
| 2007 | 336 842 | 218 793                 | 88 647             | 130 146           |
| 2008 | 338 305 | 219 615                 | 89 052             | 130 563           |
| 2009 | 339 875 | 222 336                 | 90 541             | 131 795           |
| 2010 | 340 106 | 225 351                 | 93 060             | 132 291           |

Notes : From year 2001, data sourced from national official personnel database, which exclude those of public school teachers.

## by organizations

Persons

| Public enterprises |                    |                   | All level of schools |                    |                   |
|--------------------|--------------------|-------------------|----------------------|--------------------|-------------------|
| Sub-total          | Central government | Local governments | Sub-total            | Central government | Local governments |
| 134 917            | 66 685             | 68 232            | 155 547              | 12 329             | 143 218           |
| 138 375            | 68 254             | 70 121            | 157 954              | 13 727             | 144 227           |
| 139 222            | 69 674             | 69 548            | 161 426              | 14 088             | 147 338           |
| 144 340            | 75 372             | 68 968            | 163 405              | 15 000             | 148 405           |
| 153 093            | 76 419             | 76 674            | 165 919              | 15 800             | 150 118           |
| 154 462            | 77 816             | 76 646            | 168 052              | 16 312             | 151 740           |
| 157 179            | 79 115             | 78 064            | 172 132              | 17 277             | 154 855           |
| 161 359            | 79 537             | 81 822            | 178 608              | 18 978             | 159 630           |
| 165 385            | 83 826             | 81 559            | 184 447              | 19 840             | 164 607           |
| 171 538            | 89 091             | 82 447            | 192 607              | 21 269             | 171 338           |
| 170 841            | 90 311             | 80 530            | 189 920              | 24 548             | 165 372           |
| 176 547            | 96 766             | 79 781            | 194 654              | 25 993             | 168 661           |
| 177 791            | 96 958             | 80 833            | 199 692              | 27 098             | 172 594           |
| 176 683            | 95 075             | 81 608            | 202 767              | 27 702             | 175 065           |
| 170 897            | 89 650             | 81 247            | 206 372              | 28 462             | 177 910           |
| 169 666            | 89 457             | 80 209            | 208 570              | 29 258             | 179 312           |
| 167 136            | 88 166             | 78 970            | 213 371              | 29 658             | 183 713           |
| 142 410            | 97 629             | 44 781            | 214 704              | 30 442             | 184 262           |
| 136 356            | 133 999            | 2 357             | 219 931              | 52 277             | 167 654           |
| 136 472            | 134 099            | 2 373             | 225 155              | 52 469             | 172 686           |
| 152 375            | 144 027            | 8 348             | 25 937               | 10 756             | 15 181            |
| 144 022            | 135 824            | 8 198             | 26 977               | 11 450             | 15 527            |
| 130 391            | 122 747            | 7 644             | 26 962               | 11 349             | 15 613            |
| 125 549            | 118 349            | 7 200             | 25 932               | 10 735             | 15 197            |
| 97 769             | 91 352             | 6 417             | 23 709               | 9 442              | 14 267            |
| 94 883             | 88 797             | 6 086             | 23 969               | 9 471              | 14 498            |
| 93 720             | 87 801             | 5 919             | 24 329               | 9 512              | 14 817            |
| 93 988             | 88 133             | 5 855             | 24 702               | 9 635              | 15 067            |
| 92 460             | 86 703             | 5 757             | 25 079               | 9 630              | 15 449            |
| 89 400             | 83 719             | 5 681             | 25 355               | 9 602              | 15 753            |

Table 164. Civil service

| Year | Total   | 24-    | 25-29  | 30-34   | 35-39   |
|------|---------|--------|--------|---------|---------|
| 1981 | 442 991 | 32 663 | 76 609 | 80 357  | 53 602  |
| 1982 | 453 842 | 33 297 | 77 008 | 86 301  | 56 754  |
| 1983 | 463 196 | 34 334 | 75 358 | 89 235  | 61 329  |
| 1984 | 476 233 | 35 049 | 74 844 | 92 847  | 67 336  |
| 1985 | 491 250 | 34 201 | 72 836 | 95 279  | 78 259  |
| 1986 | 498 909 | 32 282 | 71 154 | 95 257  | 86 883  |
| 1987 | 507 238 | 30 426 | 69 878 | 94 564  | 91 945  |
| 1988 | 530 068 | 32 267 | 73 714 | 95 845  | 97 462  |
| 1989 | 552 519 | 36 156 | 76 493 | 98 647  | 102 142 |
| 1990 | 569 768 | 40 635 | 79 613 | 97 320  | 103 202 |
| 1991 | 574 658 | 41 665 | 79 142 | 97 325  | 104 417 |
| 1992 | 592 976 | 39 157 | 81 502 | 99 382  | 109 279 |
| 1993 | 607 457 | 37 437 | 83 288 | 102 524 | 110 374 |
| 1994 | 612 514 | 38 472 | 81 744 | 101 230 | 109 179 |
| 1995 | 618 170 | 37 676 | 85 830 | 102 480 | 107 832 |
| 1996 | 622 699 | 28 994 | 83 137 | 102 677 | 106 589 |
| 1997 | 625 753 | 25 612 | 81 603 | 101 548 | 106 393 |
| 1998 | 602 396 | 18 320 | 75 243 | 97 611  | 104 247 |
| 1999 | 599 134 | 14 356 | 72 552 | 98 523  | 103 849 |
| 2000 | 602 407 | 12 338 | 69 092 | 100 272 | 104 184 |
| 2001 | 395 523 | 4 200  | 34 461 | 63 341  | 69 026  |
| 2002 | 389 957 | 3 244  | 29 152 | 61 876  | 67 506  |
| 2003 | 376 128 | 3 734  | 24 599 | 58 395  | 66 116  |
| 2004 | 368 899 | 3 563  | 20 676 | 53 337  | 67 318  |
| 2005 | 337 261 | 3 518  | 17 212 | 46 518  | 65 167  |
| 2006 | 335 274 | 4 454  | 16 010 | 42 356  | 64 009  |
| 2007 | 336 842 | 4 883  | 18 269 | 38 037  | 62 979  |
| 2008 | 338 305 | 5 892  | 20 818 | 35 084  | 59 655  |
| 2009 | 339 875 | 5 718  | 22 202 | 33 750  | 55 813  |
| 2010 | 340 106 | 5 121  | 24 982 | 34 209  | 51 521  |

Notes : From year 2001, data sourced from national official personnel database, which exclude those of public school teachers.



**personnel by ages**

Persons

| 40-44   | 45-49  | 50-54  | 55-59  | 60-64  | 65+   | Average age<br>(Years) |
|---------|--------|--------|--------|--------|-------|------------------------|
| 47 499  | 39 400 | 51 130 | 42 128 | 17 883 | 1 720 | 39.9                   |
| 49 539  | 38 478 | 47 459 | 43 825 | 19 813 | 1 368 | 39.8                   |
| 51 098  | 39 404 | 43 724 | 45 557 | 21 600 | 1 557 | 39.8                   |
| 52 230  | 41 331 | 41 083 | 46 405 | 23 521 | 1 587 | 39.8                   |
| 53 571  | 44 434 | 39 118 | 45 672 | 26 073 | 1 807 | 39.9                   |
| 54 171  | 47 364 | 37 175 | 44 413 | 28 176 | 2 034 | 40.0                   |
| 57 551  | 50 209 | 37 405 | 42 859 | 30 042 | 2 359 | 40.2                   |
| 65 085  | 52 845 | 40 523 | 39 287 | 30 234 | 2 806 | 40.1                   |
| 70 979  | 56 400 | 42 904 | 36 281 | 29 690 | 2 827 | 39.8                   |
| 79 785  | 55 727 | 43 997 | 36 085 | 30 323 | 3 081 | 39.7                   |
| 87 625  | 55 622 | 44 658 | 32 783 | 28 151 | 3 270 | 39.6                   |
| 94 939  | 60 592 | 47 417 | 31 569 | 26 372 | 2 767 | 39.6                   |
| 97 712  | 66 011 | 49 375 | 32 476 | 25 601 | 2 659 | 39.7                   |
| 100 246 | 70 473 | 49 943 | 34 050 | 24 636 | 2 541 | 39.8                   |
| 102 783 | 76 083 | 46 856 | 35 333 | 21 221 | 2 076 | 39.6                   |
| 106 651 | 86 865 | 48 003 | 37 249 | 20 240 | 2 294 | 40.1                   |
| 106 872 | 92 515 | 50 945 | 38 346 | 19 834 | 2 085 | 40.4                   |
| 103 910 | 93 015 | 52 837 | 36 291 | 19 443 | 1 479 | 40.8                   |
| 102 631 | 94 872 | 56 573 | 34 568 | 19 685 | 1 525 | 41.0                   |
| 102 588 | 97 483 | 62 254 | 32 606 | 20 086 | 1 504 | 41.2                   |
| 73 001  | 69 963 | 46 489 | 20 554 | 13 104 | 1 384 | 42.1                   |
| 72 569  | 69 903 | 50 280 | 21 455 | 12 395 | 1 577 | 42.0                   |
| 70 452  | 69 030 | 50 713 | 21 673 | 10 459 | 957   | 42.2                   |
| 69 481  | 68 774 | 51 354 | 22 519 | 10 710 | 1 167 | 42.5                   |
| 64 440  | 61 915 | 45 747 | 22 300 | 9 200  | 1 244 | 42.6                   |
| 64 007  | 62 346 | 46 285 | 25 203 | 9 124  | 1 410 | 42.9                   |
| 63 383  | 63 413 | 47 551 | 27 220 | 9 711  | 1 396 | 43.1                   |
| 63 877  | 64 098 | 48 915 | 28 345 | 10 834 | 787   | 43.2                   |
| 65 753  | 64 184 | 49 871 | 29 338 | 12 525 | 721   | 43.4                   |
| 66 415  | 63 946 | 49 545 | 30 369 | 13 472 | 526   | 43.4                   |

Table 165. Central

| Year and kind of election     | Population | Eligible voters | Date of balloting |       |     | Number of candidates |       |        |
|-------------------------------|------------|-----------------|-------------------|-------|-----|----------------------|-------|--------|
|                               |            |                 | Year              | Month | Day | Sub-total            | Male  | Female |
| 1980                          |            |                 |                   |       |     |                      |       |        |
| National assemblymen          | 17 474 500 | 9 891 068       | 1980              | 12    | 6   | 185                  | 168   | 17     |
| Legislators                   | 17 474 500 | 9 921 965       | 1980              | 12    | 6   | 218                  | 201   | 17     |
|                               |            |                 |                   |       |     | (287)                | (...) | (...)  |
| Members of Control Yuan       | -          | 175             | 1980              | 12    | 29  | 54                   | 47    | 7      |
|                               |            |                 |                   |       |     | (75)                 | (...) | (...)  |
| 1983                          |            |                 |                   |       |     |                      |       |        |
| Legislators                   | 18 647 856 | 10 908 171      | 1983              | 12    | 3   | 171                  | 149   | 22     |
|                               |            |                 |                   |       |     | (270)                | (...) | (...)  |
| 1986                          |            |                 |                   |       |     |                      |       |        |
| National assemblymen          | 19 405 473 | 11 790 344      | 1986              | 12    | 6   | 169                  | 144   | 25     |
| Legislators                   | 19 405 473 | 11 814 315      | 1986              | 12    | 6   | 137                  | 125   | 12     |
|                               |            |                 |                   |       |     | (...)                | (...) | (...)  |
| 1987                          |            |                 |                   |       |     |                      |       |        |
| Members of Control Yuan       | ...        | 169             | 1987              | 1     | 10  | 58                   | ...   | ...    |
| 1989                          |            |                 |                   |       |     |                      |       |        |
| Legislators                   | 20 040 882 | 12 600 901      | 1989              | 12    | 2   | 302                  | 276   | 26     |
|                               |            |                 |                   |       |     | (...)                | (...) | (...)  |
| 1991                          |            |                 |                   |       |     |                      |       |        |
| 2nd term National assemblymen | 20 491 467 | 13 083 119      | 1991              | 12    | 21  | 627                  | 551   | 76     |
|                               |            |                 |                   |       |     | (160)                | (145) | (15)   |
| 1992                          |            |                 |                   |       |     |                      |       |        |
| 2nd term legislators          | 20 685 341 | 13 421 170      | 1992              | 12    | 19  | 348                  | 312   | 36     |
|                               |            |                 |                   |       |     | (55)                 | (45)  | (10)   |
| 1995                          |            |                 |                   |       |     |                      |       |        |
| 3rd term legislators          | 21 263 225 | 14 153 420      | 1995              | 12    | 2   | 332                  | 292   | 40     |
|                               |            |                 |                   |       |     | (65)                 | (55)  | (10)   |
| 1996                          |            |                 |                   |       |     |                      |       |        |
| The 9th President             | 21 311 885 | 14 313 288      | 1996              | 3     | 23  | 4                    | 4     | 0      |
| 3rd term National assemblymen | 21 222 112 | 14 130 084      | 1996              | 3     | 23  | 432                  | 353   | 79     |
|                               |            |                 |                   |       |     | (159)                | (135) | (24)   |
| 1998                          |            |                 |                   |       |     |                      |       |        |
| 4th term legislators          | 21 833 772 | 14 961 930      | 1998              | 12    | 5   | 397                  | 333   | 64     |
|                               |            |                 |                   |       |     | (101)                | (79)  | (22)   |
| 2000                          |            |                 |                   |       |     |                      |       |        |
| The 10th President            | 22 134 777 | 15 462 625      | 2000              | 3     | 18  | 5                    | 5     | -      |
| 2001                          |            |                 |                   |       |     |                      |       |        |
| 5th term legislators          | 22 350 363 | 15 822 583      | 2001              | 12    | 1   | 455                  | 372   | 83     |
|                               |            |                 |                   |       |     | (129)                | (102) | (27)   |
| 2004                          |            |                 |                   |       |     |                      |       |        |
| The 11th President            | 22 573 965 | 16 507 179      | 2004              | 3     | 20  | 2                    | 2     | -      |
| 6th term legislators          | 22 640 250 | 16 559 254      | 2004              | 12    | 11  | 386                  | 321   | 65     |
|                               |            |                 |                   |       |     | (106)                | (75)  | (31)   |
| 2008                          |            |                 |                   |       |     |                      |       |        |
| The 12th President            | 22 925 311 | 17 321 622      | 2008              | 3     | 22  | 2                    | 2     | -      |
| 7th term legislators          | 22 925 311 | 17 179 656      | 2008              | 1     | 12  | 295                  | 235   | 60     |
|                               |            |                 |                   |       |     | (128)                | (67)  | (61)   |

Notes : Figures in parentheses for years before 1989 refer to the legislators and Control Yuan members selected among overseas Chinese while that for 1991 afterwards represents the number of seats elected from national and overseas Chinese candidates registered by the political parties based on the proportion of votes won by these parties.

## public office elections

Persons, %

| Number of elected officials |      |        | Turn-outs  | Eligible voters as<br>% of population | Turn-outs as % of<br>eligible voters | Elected officials<br>as % of<br>candidates |
|-----------------------------|------|--------|------------|---------------------------------------|--------------------------------------|--|
| Sub-total                   | Male | Female |            |                                       |                                      |  |
| 76                          | 64   | 12     | 6 570 847  | 56.60                                 | 66.43                                | 41.08                                      |
| 70                          | 63   | 7      | 6 584 338  | 56.78                                 | 66.36                                | 32.11                                      |
| (27)                        | (26) | (1)    |            |                                       |                                      |  |
| 22                          | 18   | 4      | 175        | -                                     | 100.00                               | 40.74                                      |
| (10)                        | (8)  | (2)    |            |                                       |                                      |  |
| 71                          | 63   | 8      | 6 891 160  | 58.50                                 | 63.17                                | 41.52                                      |
| (27)                        | (27) | (-)    |            |                                       |                                      |  |
| 84                          | 68   | 16     | 7 714 392  | 60.76                                 | 65.43                                | 49.70                                      |
| 73                          | 66   | 7      | 7 723 637  | 60.88                                 | 65.38                                | 53.28                                      |
| (27)                        | (26) | (1)    |            |                                       |                                      |  |
| 32                          | ...  | ...    | ...        | ...                                   | 91.72                                | ...  |
| 101                         | 88   | 13     | 9 470 526  | 62.88                                 | 75.16                                | 33.44                                      |
| (29)                        | (28) | (1)    |            |                                       |                                      |  |
| 325                         | 194  | 31     | 8 938 622  | 63.85                                 | 68.32                                | 51.83                                      |
| (100)                       | (89) | (11)   |            |                                       |                                      |  |
| 125                         | 113  | 12     | 9 666 020  | 64.88                                 | 72.02                                | 35.92                                      |
| (36)                        | (32) | (4)    |            |                                       |                                      |  |
| 128                         | 109  | 19     | 9 574 388  | 66.56                                 | 67.65                                | 38.55                                      |
| (36)                        | (32) | (4)    |            |                                       |                                      |  |
| 1                           | 1    | -      | 10 883 279 | 67.16                                 | 76.04                                | 25.00                                      |
| 234                         | 191  | 43     | 10 769 224 | 66.58                                 | 76.21                                | 54.17                                      |
| (100)                       | (82) | (18)   |            |                                       |                                      |  |
| 176                         | 141  | 35     | 10 188 302 | 68.53                                 | 68.09                                | 44.33                                      |
| (49)                        | (41) | (8)    |            |                                       |                                      |  |
| 1                           | 1    | -      | 12 786 671 | 69.86                                 | 82.69                                | 20.00                                      |
| 176                         | 137  | 39     | 10 469 005 | 70.79                                 | 66.16                                | 38.68                                      |
| (49)                        | (38) | (11)   |            |                                       |                                      |  |
| 1                           | 1    | -      | 13 251 719 | 73.12                                 | 80.28                                | 50.00                                      |
| 176                         | 144  | 32     | 9 796 299  | 73.14                                 | 59.16                                | 45.60                                      |
| (49)                        | (34) | (15)   |            |                                       |                                      |  |
| 1                           | 1    | -      | 13 221 609 | 75.56                                 | 76.33                                | 50.00                                      |
| 79                          | 62   | 17     | 10 050 619 | 74.94                                 | 58.50                                | 26.78                                      |
| (34)                        | (17) | (17)   |            |                                       |                                      |  |

Table 166. Local

| Kind of election                                     | Population | Eligible voters | Date of balloting |       |     | Number of candidates |      |        |
|--|------------|-----------------|-------------------|-------|-----|----------------------|------|--------|
|  |            |                 | Year              | Month | Day | Sub-total            | Male | Female |
| Taipei Municipality                                  |            |                 |                   |       |     |                      |      |        |
| Mayor  |            |                 |                   |       |     |                      |      |        |
| 1st term   | 2 651 419  | 1 816 986       | 1994              | 12    | 3   | 4                    | 4    | -      |
| 2nd term   | 2 622 171  | 1 868 860       | 1998              | 12    | 5   | 3                    | 3    | -      |
| 3rd term   | 2 639 094  | 1 947 169       | 2002              | 12    | 7   | 2                    | 2    | -      |
| 4th term   | 2 627 474  | 2 008 434       | 2006              | 12    | 9   | 6                    | 5    | 1      |
| Councilmen   |            |                 |                   |       |     |                      |      |        |
| 7th term   | 2 649 735  | 1 811 825       | 1994              | 12    | 3   | 145                  | 116  | 29     |
| 8th term   | 2 622 171  | 1 864 314       | 1998              | 12    | 5   | 110                  | 82   | 28     |
| 9th term   | 2 639 094  | 1 943 250       | 2002              | 12    | 7   | 113                  | 83   | 30     |
| 10th term  | 2 627 474  | 2 004 204       | 2006              | 12    | 9   | 103                  | 72   | 31     |
| Kaohsiung Municipality                               |            |                 |                   |       |     |                      |      |        |
| Mayor  |            |                 |                   |       |     |                      |      |        |
| 1st term   | 1 413 240  | 926 318         | 1994              | 12    | 3   | 5                    | 5    | -      |
| 2nd term   | 1 454 439  | 1 004 872       | 1998              | 12    | 5   | 4                    | 4    | -      |
| 3rd term   | 1 508 761  | 1 092 668       | 2002              | 12    | 7   | 5                    | 4    | 1      |
| 4th term   | 1 512 255  | 1 140 110       | 2006              | 12    | 9   | 5                    | 4    | 1      |
| Councilmen   |            |                 |                   |       |     |                      |      |        |
| 4th term   | 1 413 460  | 923 456         | 1994              | 12    | 3   | 129                  | 113  | 16     |
| 5th term   | 1 454 439  | 1 002 480       | 1998              | 12    | 5   | 105                  | 90   | 15     |
| 6th term   | 1 508 761  | 1 090 234       | 2002              | 12    | 7   | 114                  | 95   | 19     |
| 7th term   | 1 512 255  | 1 137 345       | 2006              | 12    | 9   | 77                   | 51   | 26     |
| County magistrates or city mayors of Taiwan province |            |                 |                   |       |     |                      |      |        |
| 13th term  | 17 596 736 | 11 809 277      | 1997              | 11    | 29  | 80                   | 75   | 5      |
| 14th term  | 18 216 802 | 12 835 467      | 2001              | 12    | 1   | 88                   | 78   | 10     |
| 15th term  | 18 607 680 | 13 645 079      | 2005              | 12    | 3   | 76                   | 67   | 9      |
| 16th term  | 9 346 529  | 7 051 039       | 2009              | 12    | 5   | 54                   | 47   | 7      |
| Year and kind of election                            | Population | Eligible voters | Date of balloting |       |     | Number of candidates |      |        |
|  |            |                 | Year              | Month | Day | Sub-total            | Male | Female |
| 2010   |            |                 |                   |       |     |                      |      |        |
| Municipality   |            |                 |                   |       |     |                      |      |        |
| Mayor  |            |                 |                   |       |     |                      |      |        |
| New Taipei City                                      | 3 892 603  | 3 006 877       | 2010              | 11    | 27  | 2                    | 1    | 1      |
| Taipei City  | 2 608 923  | 2 045 925       | 2010              | 11    | 27  | 5                    | 4    | 1      |
| Taichung City  | 2 645 194  | 1 977 368       | 2010              | 11    | 27  | 2                    | 2    | -      |
| Tainan City  | 1 873 754  | 1 467 256       | 2010              | 11    | 27  | 2                    | 2    | -      |
| Kaohsiung City                                       | 2 772 777  | 2 166 119       | 2010              | 11    | 27  | 3                    | 1    | 2      |
| Councilmen   |            |                 |                   |       |     |                      |      |        |
| New Taipei City                                      | 3 892 603  | 2 999 163       | 2010              | 11    | 27  | 142                  | 100  | 42     |
| Taipei City  | 2 608 923  | 2 039 527       | 2010              | 11    | 27  | 103                  | 67   | 36     |
| Taichung City  | 2 645 194  | 1 970 019       | 2010              | 11    | 27  | 137                  | 102  | 35     |
| Tainan City  | 1 873 754  | 1 462 844       | 2010              | 11    | 27  | 130                  | 93   | 37     |
| Kaohsiung City                                       | 2 772 777  | 2 158 007       | 2010              | 11    | 27  | 134                  | 96   | 38     |

## public office elections

Persons, %

| Number of elected officials |      |        | Turn-outs | Eligible voters as % of population | Turn-outs as % of eligible voters | Elected officials as % of candidates |
|-----------------------------|------|--------|-----------|------------------------------------|-----------------------------------|--------------------------------------|
| Sub-total                   | Male | Female |           |                                    |                                   |                                      |
| 1                           | 1    | -      | 1 426 852 | 68.53                              | 78.53                             | 25.00                                |
| 1                           | 1    | -      | 1 511 635 | 71.27                              | 80.89                             | 33.33                                |
| 1                           | 1    | -      | 1 374 862 | 73.78                              | 70.61                             | 50.00                                |
| 1                           | 1    | -      | 1 295 790 | 76.44                              | 64.52                             | 16.67                                |
| 52                          | 40   | 12     | 1 422 920 | 68.38                              | 78.54                             | 35.86                                |
| 52                          | 35   | 17     | 1 507 844 | 71.10                              | 80.88                             | 47.27                                |
| 52                          | 35   | 17     | 1 372 567 | 73.63                              | 70.63                             | 46.02                                |
| 52                          | 33   | 19     | 1 293 595 | 76.28                              | 64.54                             | 50.49                                |
| 1                           | 1    | -      | 746 469   | 65.55                              | 80.58                             | 20.00                                |
| 1                           | 1    | -      | 807 996   | 69.09                              | 80.41                             | 25.00                                |
| 1                           | 1    | -      | 779 911   | 72.42                              | 71.38                             | 20.00                                |
| 1                           | -    | 1      | 774 490   | 75.39                              | 67.93                             | 20.00                                |
| 44                          | 38   | 6      | 744 775   | 65.33                              | 80.65                             | 34.11                                |
| 44                          | 39   | 5      | 806 491   | 68.93                              | 80.45                             | 41.90                                |
| 44                          | 34   | 10     | 778 472   | 72.26                              | 71.40                             | 38.60                                |
| 44                          | 28   | 16     | 773 040   | 75.21                              | 67.97                             | 57.14                                |
| 23                          | 20   | 3      | 7 784 908 | 67.11                              | 65.92                             | 28.75                                |
| 23                          | 21   | 2      | 8 529 647 | 70.46                              | 66.45                             | 26.14                                |
| 23                          | 21   | 2      | 9 035 144 | 73.33                              | 66.22                             | 30.26                                |
| 17                          | 14   | 3      | 4 466 403 | 75.44                              | 63.34                             | 31.48                                |
| Number of elected officials |      |        | Turn-outs | Eligible voters as % of population | Turn-outs as % of eligible voters | Elected officials as % of candidates |
| Sub-total                   | Male | Female |           |                                    |                                   |                                      |
| 1                           | 1    | -      | 2 142 410 | 77.25                              | 71.25                             | 50.00                                |
| 1                           | 1    | -      | 1 445 370 | 78.42                              | 70.65                             | 20.00                                |
| 1                           | 1    | -      | 1 446 519 | 74.75                              | 73.15                             | 50.00                                |
| 1                           | 1    | -      | 1 041 941 | 78.31                              | 71.01                             | 50.00                                |
| 1                           | -    | 1      | 1 570 895 | 78.12                              | 72.52                             | 33.33                                |
| 66                          | 43   | 23     | 2 138 091 | 77.05                              | 71.29                             | 46.48                                |
| 62                          | 41   | 21     | 1 441 006 | 78.18                              | 70.65                             | 60.19                                |
| 63                          | 46   | 17     | 1 442 237 | 74.48                              | 73.21                             | 45.99                                |
| 57                          | 34   | 23     | 1 039 888 | 78.07                              | 71.09                             | 43.85                                |
| 66                          | 43   | 23     | 1 566 701 | 77.83                              | 72.60                             | 49.25                                |





**Table 168. Trainees in Japan under Taiwan-Japan technical cooperation programs**

Persons

| Fiscal Year | Total | Agriculture & natural resources | Industry & mining | Transportation & public construction | Public health & environmental protection | Education & vocational training | Public security & public administration | Economic development | General and misc. |
|-------------|-------|---------------------------------|-------------------|--------------------------------------|--|---------------------------------|---|----------------------|-------------------|
| 1981        | 180   | 53                              | 13                | 11                                   | 19                                       | 37                              | 18                                      | 4                    | 25                |
| 1982        | 258   | 91                              | 28                | 9                                    | 18                                       | 14                              | 38                                      | 21                   | 39                |
| 1983        | 199   | 67                              | 26                | 16                                   | 38                                       | 6                               | 10                                      | 13                   | 23                |
| 1984        | 222   | 51                              | 22                | -                                    | 67                                       | 6                               | 19                                      | 34                   | 23                |
| 1985        | 152   | 52                              | 26                | 5                                    | 40                                       | 3                               | 2                                       | 10                   | 14                |
| 1986        | 272   | 71                              | 31                | 15                                   | 91                                       | 4                               | 1                                       | 33                   | 26                |
| 1987        | 186   | 43                              | 29                | 5                                    | 51                                       | 12                              | 5                                       | 14                   | 27                |
| 1988        | 304   | 62                              | 23                | 5                                    | 100                                      | 42                              | 12                                      | 25                   | 35                |
| 1989        | 241   | 49                              | 28                | 12                                   | 56                                       | 35                              | 29                                      | 14                   | 18                |
| 1990        | 192   | 39                              | 32                | -                                    | 51                                       | 36                              | 7                                       | 13                   | 14                |
| 1991        | 202   | 29                              | 29                | -                                    | 47                                       | 31                              | 8                                       | 8                    | 50                |
| 1992        | 241   | 28                              | 42                | 7                                    | 61                                       | 27                              | 2                                       | 16                   | 58                |
| 1993        | 226   | 17                              | 42                | 10                                   | 58                                       | 21                              | 21                                      | 18                   | 39                |
| 1994        | 193   | 21                              | 39                | 10                                   | 31                                       | 20                              | -                                       | 21                   | 51                |
| 1995        | 201   | 7                               | 45                | 5                                    | 26                                       | 24                              | 18                                      | 28                   | 48                |
| 1996        | 260   | 33                              | 52                | 5                                    | 38                                       | 27                              | 31                                      | 19                   | 55                |
| 1997        | 162   | 9                               | 30                | 5                                    | 46                                       | 20                              | 20                                      | 8                    | 24                |
| 1998        | 156   | 10                              | 28                | 13                                   | 34                                       | 9                               | 18                                      | 14                   | 30                |
| 1999        | 80    | -                               | 10                | 8                                    | 14                                       | 4                               | 16                                      | 17                   | 11                |
| 2000        | 145   | 22                              | 28                | 27                                   | 31                                       | 9                               | 11                                      | 4                    | 13                |
| 2001        | 78    | 6                               | 8                 | 23                                   | 20                                       | -                               | 14                                      | 3                    | 4                 |
| 2002        | 84    | 3                               | 7                 | 21                                   | 26                                       | 4                               | -                                       | 12                   | 11                |
| 2003        | 69    | 3                               | 11                | 14                                   | 12                                       | 4                               | 3                                       | 11                   | 11                |
| 2004        | 73    | 4                               | 7                 | 6                                    | 11                                       | 4                               | 11                                      | 17                   | 13                |
| 2005        | 66    | 4                               | 8                 | 14                                   | 8  | -                               | 9                                       | 15                   | 8                 |
| 2006        | 56    | 3                               | 20                | 7                                    | 4  | -                               | 8                                       | 11                   | 3                 |
| 2007        | 53    | 2                               | 10                | 6                                    | 6  | -                               | 6                                       | 15                   | 8                 |
| 2008        | 48    | 3                               | 3                 | 3                                    | 4  | -                               | 3                                       | 22                   | 10                |
| 2009        | 51    | 3                               | 4                 | 3                                    | 2  | 4                               | 4                                       | 24                   | 7                 |
| 2010        | 40    | 4                               | 8                 | 4                                    | 4  | -                               | -                                       | 2                    | 18                |