

ISSN 0256-7857

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

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# **2007**

DIRECTORATE GENERAL OF BUDGET, ACCOUNTING AND STATISTICS  
EXECUTIVE YUAN, REPUBLIC OF CHINA  
OCTOBER 2008

**STATISTICAL YEARBOOK OF THE REPUBLIC OF CHINA**

1975---Taipei: Directorate-General of Budget, Accounting and  
Statistics, Executive Yuan, 1975-  
1300v.; 30cm.

ISSN 0256-7857

1.China - Statistics - Periodicals. I. Title.

HA4631/C441s

**STATISTICAL YEARBOOK OF THE REPUBLIC OF CHINA 2007**

Edited by: Directorate-General of Budget, Accounting and Statistics  
Executive Yuan, Republic of China  
2, Guang-jhou St., Taipei, Republic of China  
Tel.: 886 - 2 - 23803439  
<http://www.stat.gov.tw>  
<http://www.dgbas.gov.tw>

Book Agency: The Chinese Statistical Association  
2, Guang-jhou St., Taipei, Republic of China  
Tel.: 886 - 2 - 23803656  
Postal Giro No.: 0004130-8  
Government Bookstore  
#10 B1, Sec. 3, Ba-Der Road, Taipei, Republic of China  
Tel.: 886 - 2 - 25781515 ext 643

Printed on: October 2008

Price: NT\$ 200

## INTRODUCTION

This yearbook mainly uses statistical tables to report the R.O.C. social-economic development in Taiwan-Fukien Area<sup>1</sup> for the period from 1978 to 2007.

1. To facilitate international comparison, a cross-reference table of the correspondent statistical table numbers between the 50<sup>th</sup> issue of the United Nations' *Statistical Yearbook* and the R.O.C. 2007 *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 16 sections, and 161 tables. The table numbers contained in each section are arranged as follows :

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<sup>1</sup>Taiwan-Fukien Area referred to Taiwan District's Taiwan Province, Taipei Municipality, Kaohsiung Municipality and Fukien Province's Kinmen Hsien and Lienchiang Hsien.

**Corresponding Table Numbers between the 50<sup>th</sup> issue of the United Nations' Statistical Yearbook and the 2007 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         | 36                 | 116                    | 71                 | not applicable         |
| 2                  | 8                      | 37                 | not applicable         | 72                 | 139                    |
| 3                  | 106                    | 38                 | not applicable         | 73                 | not applicable         |
| 4                  | not applicable         | 39                 | 116                    | 74                 | not applicable         |
| 5                  | 114                    | 40                 | not applicable         | 75                 | not applicable         |
| 6                  | 117                    | 41                 | not applicable         | 76                 | not applicable         |
| 7                  | 119                    | 42                 | 116                    |                    |                        |
| 8                  | 8, 11                  | 43                 | 116                    |                    |                        |
| 9                  | 37,38,39,40<br>41, 42  | 44                 | not applicable         |                    |                        |
| 10                 | 47, 48                 | 45                 | not applicable         |                    |                        |
| 11                 | 112                    | 46                 | 116                    |                    |                        |
| 12                 | 15,16,17               | 47                 | 116                    |                    |                        |
| 13                 | 58                     | 48                 | not applicable         |                    |                        |
| 14                 | 131                    | 49                 | not applicable         |                    |                        |
| 15                 | 131                    | 50                 | not applicable         |                    |                        |
| 16                 | 131                    | 51                 | not applicable         |                    |                        |
| 17                 | 93                     | 52                 | not applicable         |                    |                        |
| 18                 | 94                     | 53                 | 128                    |                    |                        |
| 19                 | 96                     | 54                 | 128                    |                    |                        |
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| 24                 | 141                    | 59                 | 117                    |                    |                        |
| 25                 | 142                    | 60                 | 1, 113                 |                    |                        |
| 26                 | not applicable         | 61                 | 71                     |                    |                        |
| 27                 | not applicable         | 62                 | 72                     |                    |                        |
| 28                 | 148                    | 63                 | 50                     |                    |                        |
| 29                 | 151, 152               | 64                 | 50                     |                    |                        |
| 30                 | 106                    | 65                 | 119                    |                    |                        |
| 31                 | 107                    | 66                 | 120                    |                    |                        |
| 32                 | 108                    | 67                 | 120                    |                    |                        |
| 33                 | not applicable         | 68                 | 135                    |                    |                        |
| 34                 | not applicable         | 69                 | 136                    |                    |                        |
| 35                 | 116                    | 70                 | not applicable         |                    |                        |

## EXPLANATION OF SYMBOLS

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

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.

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## 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. Please refer to the *Statistical Abstract of Interior of the Republic of China* for details. The information on climate comes from data collected by the eleven weather observatories of the Central Weather Bureau located all over Taiwan Area and published in the *Monthly Statistics of Transportation and Communications, R.O.C.* and the *Statistical Abstract of Transportation and Communications, R.O.C.* by the Ministry of Transportation and Communications as well as in the *Climatological Data Annual Report* by the Central Weather Bureau.

The size of Taiwan Area, calculated at the time of full tide, is 35,961.2125 square kilometers which excludes the reclaimed tidal land. The data of reclaimed tidal land is provided in the table for reference only. The cultivated land contains all types of registered land and unregistered land, including reclaimed river bed, reclaimed tidal land, slope-land, and virgin land, which have been used for farming purposes. 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 1983 to 1994; however, the data prevailing before the survey is still cited for the Penghu District because Penghu was not covered by the aerial survey. The climatic observation time adopts the central standard time at the meridian 120° E except the number of sunshine hours for which apparent solar time is used. Each climatic observatory conducts general observation for eight times a day once every three hours from 2 a.m. The number of days with precipitation refer to the days in each of which the rainfalls amount to one-tenth of millimeter and above. The seismic data are collected by the Seismic Observation and Reporting Center of the Central Weather Bureau from its 24-hour observation of the region from 21° to 26° North Latitude and from 119° to 123° East Longitude.

The Republic of China (ROC) Government currently controls the Taiwan, Kinmen and Matsu areas. The Taiwan Area with 36,006 square kilometers includes Taiwan proper, the Penghu Islands, Green Island, Orchid Island, and Tiaoyutai Islets. Taiwan, also known as Formosa, is an island about 160 kilometers off the southeast coast of mainland China. It is separated from Fukien Province on the mainland China by the Taiwan Straits. The island measures 394km long and 144km wide at its widest point. 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-fourth of Taiwan is arable. Shorelines are fairly straight and good natural harbors few. Rivers are short and useful for power generation, but not for navigation. Physiographically, Taiwan has five major divisions: the Central Mountain Range, volcanic mountains, foothills, tablelands, and coastal plains and basins. The Kinmen and Matsu, with 182 square kilometers, are two island groups just off the mainland China.

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

km<sup>2</sup>

| Year | Area <sup>1</sup> |           |             | Cultivated <sup>2</sup><br>land area | Forest land area |
|------|-------------------|-----------|-------------|--------------------------------------|------------------|
|      | Total             | Land area | Reclamation |                                      |                  |
| 1978 | 36 168.81         | 36 140.26 | 28.55       | 9 181.43                             | 18 651.41        |
| 1979 | 36 179.12         | 36 140.27 | 38.85       | 9 153.93                             | 18 651.41        |
| 1980 | 36 179.12         | 36 140.27 | 38.85       | 9 073.53                             | 18 651.41        |
| 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        |

Note : <sup>1</sup> Data included Taiwan-Fukien area.

<sup>2</sup> Cultivated land refers to land under temporary and permanent crops, and can be classified 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 |
|------|---------|----------|--------|---------|-------|----------|---------|---------------|---------|------------|-----------|
| 1978 | 22.1    | 22.2     | 22.4   | 22.1    | 22.3  | 22.9     | 23.4    | 19.1          | 10.5    | 24.4       | 25.3      |
| 1979 | 22.3    | 22.1     | 22.1   | 22.3    | 22.4  | 22.9     | 23.1    | 19.1          | 10.3    | 24.7       | 24.5      |
| 1980 | 22.1    | 22.6     | 22.5   | 22.3    | 22.4  | 23.1     | 23.4    | 19.6          | 10.9    | 25.0       | 25.2      |
| 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      |

Table 3. Average relative humidity

%

| Year | Keelung | Danshuei | Taipei | Hsinchu | Yilan | Taichung | Hualien | Sun Moon Lake | Alishan | Kao-hsiung | Heng-chun |
|------|---------|----------|--------|---------|-------|----------|---------|---------------|---------|------------|-----------|
| 1978 | 81      | 80       | 77     | 83      | 85    | 78       | 77      | 84            | 89      | 79         | 75        |
| 1979 | 81      | 79       | 78     | 81      | 82    | 75       | 75      | 82            | 89      | 80         | 76        |
| 1980 | 82      | 81       | 77     | 81      | 84    | 74       | 77      | 81            | 88      | 77         | 75        |
| 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 | 78      | 80       | 78     | 79      | 83    | 77       | 81      | 82            | 87      | 78         | 75        |
| 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        |

Table 4. Precipitation at station

mm

| Year | Keelung | Danshuei | Taipei | Hsinchu | Yilan | Taichung | Hualien | Sun Moon Lake | Alishan | Kao-hsiung | Heng-chun |
|------|---------|----------|--------|---------|-------|----------|---------|---------------|---------|------------|-----------|
| 1978 | 3 691   | 2 199    | 2 019  | 1 894   | 2 671 | 1 358    | 2 044   | 2 433         | 4 775   | 1 146      | 1 925     |
| 1979 | 3 193   | 2 208    | 2 334  | 1 773   | 2 139 | 1 561    | 1 266   | 2 562         | 4 118   | 1 481      | 2 080     |
| 1980 | 3 515   | 1 766    | 2 162  | 1 280   | 2 153 | 1 014    | 1 724   | 1 576         | 2 240   | 573        | 989       |
| 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 | 5 404   | 2 644    | 2 744  | 1 756   | 4 212 | 1 797    | 2 461   | 1 955         | 3 093   | 1 569      | 2 327     |
| 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     |

Table 5. Number of days with precipitation

| Year | Days    |          |        |         |       |          |         |               |         |            |           |
|------|---------|----------|--------|---------|-------|----------|---------|---------------|---------|------------|-----------|
|      | Keelung | Danshuei | Taipei | Hsinchu | Yilan | Taichung | Hualien | Sun Moon Lake | Alishan | Kao-hsiung | Heng-chun |
| 1978 | 215     | 140      | 170    | 140     | 207   | 133      | 200     | 179           | 206     | 109        | 151       |
| 1979 | 213     | 144      | 163    | 149     | 203   | 121      | 160     | 158           | 173     | 87         | 149       |
| 1980 | 202     | 154      | 160    | 139     | 206   | 97       | 151     | 130           | 161     | 69         | 132       |
| 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 | 208     | 169      | 174    | 121     | 220   | 110      | 161     | 153           | 163     | 88         | 112       |
| 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       |



Table 6. Duration of sunshine

| Year | Hours   |          |        |         |       |          |         |               |         |            |           |
|------|---------|----------|--------|---------|-------|----------|---------|---------------|---------|------------|-----------|
|      | Keelung | Danshuei | Taipei | Hsinchu | Yilan | Taichung | Hualien | Sun Moon Lake | Alishan | Kao-hsiung | Heng-chun |
| 1978 | 1 174   | 1 477    | 1 480  | 1 890   | 1 413 | 2 063    | 1 471   | 1 633         | 1 528   | 1 936      | 2 451     |
| 1979 | 1 282   | 1 513    | 1 548  | 1 890   | 1 515 | 2 099    | 1 592   | 1 678         | 1 720   | 1 883      | 2 433     |
| 1980 | 1 260   | 1 511    | 1 464  | 1 932   | 1 453 | 2 228    | 1 643   | 1 849         | 1 812   | 2 167      | 2 701     |
| 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      | 2 104     |
| 2000 | 1 248   | 1 514    | 983    | 1 725   | 1 400 | 2 114    | 1 475   | 1 574         | 1 480   | 2 016      | 2 091     |
| 2001 | 1 398   | 1 597    | 1 497  | 1 848   | 1 469 | 2 169    | 1 579   | 1 543         | 1 586   | 2 231      | 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     |

Table 7. Number of occurrence of perceptible earthquake

| Numbers |       |             |            |               |              |              |              |              |             |
|---------|-------|-------------|------------|---------------|--------------|--------------|--------------|--------------|-------------|
| Year    | Total | Taipei Area | Yilan Area | Taichung Area | Hwalien Area | Chianan Area | Taitung Area | Kaoping Area | Other Areas |
| 1978    | 199   | 19          |            | 7             | 127          | 4            | 39           | 3            | -           |
| 1979    | 140   | 14          |            | 4             | 58           | 14           | 46           | 4            | -           |
| 1980    | 112   | 12          |            | 4             | 57           | 10           | 25           | 4            | -           |
| 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    | 492   | 2           | 21         | 32            | 195          | 69           | 124          | 48           | 1           |

**Note :** Central Weather Bureau adopted new equipments detecting earthquake vibration from 1991.  
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 *Projections of the population of the Taiwan Area, Republic of China 2008 to 2056* prepared by the Manpower Planning Department of Council for Economic Planning and Development, Executive Yuan. Other population statistics come from the *Taiwan-Fukien Demographic Fact Book, R.O.C.*, the *Taiwan-Fukien Demography Quarterly*, and the *Abridged Life Tables of Taiwan Area, the Republic of China*, published by the Ministry of the Interior, and the *Report on Population and Housing Census, Taiwan-Fukien Area, R.O.C.*, published by Census Office of the Executive Yuan. Data on living standards of households are obtained from the personal income distribution survey (Please refers to the chapter on national economy for details.)

The population statistics mainly come from the household registration and the household/population census. 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 types: i.e., static year-end stocks and dynamic changes about registered population. Included in the first type are demographic data on composition in sex, in age and population by education, marital status, industry, occupation, and employment status. Contained in the seconds type is data concerning birth, death, marriage, divorce, and migration. All of the static demographic data were based on the fact registered as of December 31, except for statistics about population classified by economic activities, industries, occupations, and employment status that were based on the fact prevailing in the period from December 1 to 31. An annual year-end household check, except for the census year, has been conducted to correct errors, omissions, and other incorrect data, in an effort to make demographic statistics more accurate and reliable. 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.

Housing Unit -- The housing unit refers to a residential building or any other place which, bearing an address and occupied or available for occupation by household, is equipped with a complete set of housing facilities.

In addition to the above publications, demographic data can also be found in the *Monthly Bulletin of Interior Statistics Taiwan and Fukien Area, R.O.C.*, and the *Statistical Yearbook of Interior of the Republic of China* published by the Ministry of the Interior. Housing data can also be found in the *Report on the*

*Housing Survey in Taiwan Area, R.O.C.*, published by the Directorate General of Budget, Accounting and Statistics, Executive Yuan.

**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     |                             |                          |                               |                                    |                           |
| 1978        | 17 135 714 | 8 956 557  | 8 179 157  | 1.92                        | 109.5                    | 4.99                          | 476.1                              | 19.43                     |
| 1979        | 17 479 314 | 9 126 925  | 8 352 389  | 2.01                        | 109.3                    | 4.86                          | 485.5                              | 19.68                     |
| 1980        | 17 805 067 | 9 288 199  | 8 516 868  | 1.86                        | 109.1                    | 4.76                          | 494.6                              | 18.62                     |
| 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                      |

Notes : <sup>1</sup> All figures are based on the household registration data at the end of year.

<sup>2</sup> Data included Taiwan-Fukien area beginning 1981.

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

| Year | Birth           |                      | Death           |                      | Married |                                       | Divorced |                                      |
|------|-----------------|----------------------|-----------------|----------------------|---------|---------------------------------------|----------|--------------------------------------|
|      | Number (person) | Crude birth rate (‰) | Number (person) | Crude death rate (‰) | Couple  | Marriage rate (couples per 1000 pop.) | Couple   | Divorce rate (couples per 1000 pop.) |
| 1978 | 409 203         | 24.11                | 79 359          | 4.68                 | 163 313 | 9.62                                  | 10 630   | 0.63                                 |
| 1979 | 422 518         | 24.41                | 81 860          | 4.73                 | 152 807 | 8.83                                  | 12 398   | 0.72                                 |
| 1980 | 413 881         | 23.38                | 84 333          | 4.76                 | 175 090 | 9.89                                  | 13 478   | 0.76                                 |
| 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                                 |

Note : <sup>1</sup> The rates are in per thousand of the estimated midyear population.

<sup>2</sup> Data includeded Taiwan-Fukien area beginning 1981.

**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><br>(Year) |
|-------------|---------------------------|-------|-----------------|------------------|-----------------|-----------------------------------|
|             | 0-14                      | 15-64 | 65 <sup>+</sup> |                  |                 |                                   |
| 1978        | 33.3                      | 62.8  | 4.0             | 60               | 12.0            | 22.2                              |
| 1979        | 32.7                      | 63.2  | 4.1             | 58               | 12.7            | 22.5                              |
| 1980        | 32.1                      | 63.6  | 4.3             | 57               | 13.3            | 22.9                              |
| 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        | 25.1                      | 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            | 34.2                              |
| 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                              |

Notes : <sup>1</sup> Data were computed by estimated midyear population.

<sup>2</sup> All figures are based on the household registration data at the end of year.

<sup>3</sup> Data includeded Taiwan-Fukien area beginning 1981.

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     |
| 1978        | 17 135 714 | 1 903 291 | 1 853 221 | 1 942 245 | 2 001 993 | 1 854 293 | 1 573 591 | 961 458   | 937 569   | 841 093   |
| 1979        | 17 479 314 | 1 958 319 | 1 829 338 | 1 926 405 | 2 007 553 | 1 894 868 | 1 653 992 | 1 044 180 | 936 114   | 857 560   |
| 1980        | 17 805 067 | 1 990 324 | 1 810 077 | 1 913 895 | 2 000 950 | 1 917 390 | 1 730 828 | 1 171 952 | 904 588   | 883 633   |
| 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 |

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

<sup>2</sup> All figures are based on the household registration data at the end of year.

<sup>3</sup> Data includeded Taiwan-Fukien area beginning 1981.



**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 <sup>+</sup> |
| 827 659   | 760 457   | 579 044   | 417 436 | 321 055 | 192 222 | 102 975 |         |         |        | 66 112 |                  |
| 819 985   | 788 429   | 609 910   | 428 900 | 337 070 | 206 103 | 109 805 |         |         |        | 70 783 |                  |
| 814 868   | 808 707   | 643 581   | 452 031 | 350 092 | 217 158 | 118 307 |         |         |        | 76 686 |                  |
| 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            |

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   |
| 1978        | 8 956 557  | 982 444   | 953 710   | 998 943   | 1 026 514 | 948 526   | 805 619   | 494 047 | 479 660 | 431 270 |
| 1979        | 9 126 925  | 1 011 120 | 941 369   | 990 555   | 1 029 616 | 968 667   | 845 994   | 536 784 | 480 268 | 436 754 |
| 1980        | 9 288 199  | 1 028 213 | 931 380   | 984 989   | 1 025 231 | 980 819   | 885 014   | 602 465 | 464 663 | 450 153 |
| 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   | 1 007 707 | 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 |

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 <sup>+</sup> |
| 469 192 | 458 460 | 339 462 | 235 500 | 170 962 | 92 862  | 45 452  |         |        |        | 23 934 |                  |
| 452 579 | 474 044 | 359 047 | 243 124 | 181 453 | 100 632 | 48 976  |         |        |        | 25 943 |                  |
| 436 765 | 481 467 | 381 081 | 257 398 | 190 544 | 106 085 | 53 192  |         |        |        | 28 740 |                  |
| 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  |                  |
| 465 196 | 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            |

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   |
| 1978        | 8 179 157  | 920 847 | 899 511 | 943 302 | 975 479 | 905 767 | 767 972 | 467 411 | 457 909 | 409 823 |
| 1979        | 8 352 389  | 947 199 | 887 969 | 935 850 | 977 937 | 926 201 | 807 998 | 507 396 | 455 846 | 420 806 |
| 1980        | 8 516 868  | 962 111 | 878 697 | 928 906 | 975 719 | 936 571 | 845 814 | 569 487 | 439 925 | 433 480 |
| 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 | 947 895 | 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 |

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 <sup>+</sup> |
| 358 467 | 301 997 | 239 582 | 181 936 | 150 093 | 99 360  | 57 523  |         |        |        | 42 178 |                  |
| 367 406 | 314 385 | 250 863 | 185 776 | 155 617 | 105 471 | 60 829  |         |        |        | 44 840 |                  |
| 378 103 | 327 240 | 262 500 | 194 633 | 159 548 | 111 073 | 65 115  |         |        |        | 47 946 |                  |
| 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            |
| 450 304 | 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              |

Table 12. Population of age 15 years

| End of Year | Male      |           |      |           |      |         |     |          |     |
|-------------|-----------|-----------|------|-----------|------|---------|-----|----------|-----|
|             | Total     | Single    |      | Married   |      | Widowed |     | Divorced |     |
|             |           | Number    | %    | Number    | %    | Number  | %   | Number   | %   |
| 1978        | 6 021 460 | 2 521 366 | 41.9 | 3 308 975 | 54.9 | 132 444 | 2.2 | 58 675   | 1.0 |
| 1979        | 6 183 881 | 2 574 841 | 41.6 | 3 406 596 | 55.1 | 138 460 | 2.2 | 63 984   | 1.0 |
| 1980        | 6 343 626 | 2 603 457 | 41.0 | 3 529 895 | 55.6 | 141 084 | 2.2 | 69 190   | 1.1 |
| 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 |

Notes : <sup>1</sup> All figures are based on the household registration data at the end of year.

<sup>2</sup> Data included Taiwan-Fukien area beginning 1981.

## and over by sex and marital status

| Female    |           |      |           |      |         |     |          |     |
|-----------|-----------|------|-----------|------|---------|-----|----------|-----|
| Total     | Single    |      | Married   |      | Widowed |     | Divorced |     |
|           | Number    | %    | Number    | %    | Number  | %   | Number   | %   |
| 5 415 497 | 1 687 097 | 31.2 | 3 297 417 | 60.9 | 381 626 | 7.0 | 49 357   | 0.9 |
| 5 581 371 | 1 737 985 | 31.1 | 3 393 242 | 60.8 | 395 744 | 7.1 | 54 400   | 1.0 |
| 5 747 145 | 1 768 536 | 30.8 | 3 521 451 | 61.3 | 396 844 | 6.9 | 60 314   | 1.0 |
| 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 |

Table 13. Population of cities

| End of Year | Taipei City | Kaohsiung City | Keelung City | Hsinchu City | Taichung City | Chiayi City | Tainan City |
|-------------|-------------|----------------|--------------|--------------|---------------|-------------|-------------|
| 1978        | 2 163 605   | 1 063 797      | 342 678      | 235 833      | 579 726       | 253 227     | 558 635     |
| 1979        | 2 196 237   | 1 172 977      | 345 392      | 237 677      | 585 205       | 253 302     | 572 590     |
| 1980        | 2 220 427   | 1 202 123      | 344 867      | 240 900      | 593 427       | 252 037     | 583 799     |
| 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      | 816 280       | 273 075     | 764 658     |

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



## over 150 000 inhabitants

| Banciao City | Sanchong City | Yonghe City | Jhonghe City | Sinjhuang City | Sindian City | Tucheng City |
|--------------|---------------|-------------|--------------|----------------|--------------|--------------|
| 349 261      | 306 606       | 178 399     | 206 243      | 142 659        | 152 915      | 44 022       |
| 377 523      | 317 936       | 192 729     | 235 612      | 159 170        | 160 553      | 48 919       |
| 403 057      | 327 001       | 205 313     | 261 684      | 178 019        | 166 423      | 54 737       |
| 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      |

Table 13. Population of cities

| End of Year | Lujhou City | Sijhih City | Shulin City | Taoyuan City | Jhongli City | Pingjhen City | Bade City |
|-------------|-------------|-------------|-------------|--------------|--------------|---------------|-----------|
| 1978        | 39 926      | 58 157      | 66 663      | 170 871      | 190 430      | 81 144        | 67 061    |
| 1979        | 42 755      | 60 359      | 70 498      | 175 961      | 199 428      | 88 967        | 79 044    |
| 1980        | 46 256      | 65 276      | 73 187      | 179 214      | 207 712      | 96 172        | 98 618    |
| 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   |

## over 150 000 inhabitants (continued)

| Fongyuan City | Dali City | Taiping City | Changhua City | Yongkang City | Fongshan City | Pingdong City |
|---------------|-----------|--------------|---------------|---------------|---------------|---------------|
| 124 192       | 59 749    | 50 380       | 171 754       | 69 998        | 188 482       | 183 304       |
| 125 570       | 65 694    | 60 023       | 176 687       | 71 899        | 204 865       | 185 142       |
| 126 658       | 73 173    | 69 658       | 181 359       | 77 075        | 218 106       | 187 383       |
| 128 944       | 77 908    | 75 957       | 185 816       | 81 854        | 227 310       | 189 347       |
| 131 955       | 82 812    | 80 605       | 190 315       | 86 536        | 240 625       | 192 232       |
| 134 610       | 87 090    | 85 275       | 193 789       | 90 927        | 255 268       | 195 288       |
| 137 084       | 92 089    | 90 568       | 198 195       | 97 024        | 259 781       | 198 237       |
| 139 747       | 96 740    | 95 224       | 201 103       | 103 797       | 267 022       | 200 411       |
| 142 552       | 101 136   | 99 672       | 203 541       | 107 982       | 271 738       | 202 079       |
| 144 434       | 107 308   | 104 797      | 206 603       | 114 904       | 276 259       | 204 990       |
| 147 372       | 114 430   | 110 199      | 209 179       | 122 983       | 282 352       | 206 991       |
| 149 506       | 118 643   | 114 021      | 212 311       | 129 180       | 285 853       | 207 970       |
| 151 642       | 124 422   | 118 429      | 215 224       | 136 705       | 290 777       | 210 801       |
| 154 175       | 132 039   | 122 923      | 217 328       | 141 479       | 293 522       | 212 335       |
| 155 959       | 138 498   | 129 182      | 219 536       | 147 272       | 294 471       | 213 309       |
| 156 906       | 152 261   | 135 103      | 221 090       | 155 745       | 298 059       | 214 304       |
| 157 548       | 156 040   | 143 015      | 222 722       | 166 359       | 301 374       | 214 728       |
| 158 315       | 159 896   | 148 810      | 223 675       | 173 552       | 303 956       | 215 096       |
| 158 847       | 163 336   | 153 693      | 224 066       | 179 214       | 309 062       | 214 627       |
| 159 580       | 165 902   | 158 145      | 225 006       | 184 740       | 315 488       | 214 628       |
| 160 256       | 169 239   | 162 615      | 226 151       | 189 631       | 316 350       | 214 313       |
| 161 032       | 171 940   | 165 524      | 227 715       | 193 005       | 318 562       | 214 727       |
| 161 104       | 174 930   | 166 923      | 229 915       | 197 194       | 321 707       | 215 282       |
| 161 589       | 176 860   | 167 907      | 231 129       | 198 372       | 322 678       | 215 245       |
| 162 115       | 178 998   | 168 892      | 232 156       | 200 719       | 323 799       | 215 584       |
| 162 828       | 181 308   | 169 969      | 233 435       | 202 552       | 328 878       | 216 338       |
| 163 228       | 184 164   | 170 363      | 234 308       | 204 196       | 333 474       | 216 777       |
| 163 746       | 186 818   | 170 712      | 234 614       | 206 411       | 336 510       | 216 708       |
| 164 051       | 189 945   | 171 139      | 235 322       | 208 919       | 338 596       | 216 425       |
| 164 619       | 192 437   | 171 628      | 235 998       | 210 585       | 338 900       | 215 962       |

**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                                  | %    |
| 1978        | 17 135 714          | 7 774 450                                | 45.4 | 8 308 216                                  | 48.5 |
| 1979        | 17 479 314          | 8 187 655                                | 46.8 | 8 248 843                                  | 47.2 |
| 1980        | 17 805 067          | 8 395 674                                | 47.2 | 8 356 380                                  | 46.9 |
| 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 |

Notes : <sup>1</sup> All figures are based on the end of the household registration data at the end of year.

<sup>2</sup> Data includeded Taiwan-Fukien area beginning 1981.

<sup>3</sup> 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 |                         |                       |
| 1978 | 96                     | 2 715                | 36                          | 194   | 213   | 74    | 20    | 5     | 1     | 1 306.7                 | 1 259.2               |
| 1979 | 96                     | 2 670                | 35                          | 195   | 209   | 72    | 18    | 4     | 1     | 1 283.9                 | 1 238.3               |
| 1980 | 91                     | 2 515                | 33                          | 180   | 200   | 69    | 16    | 4     | 1     | 1 218.1                 | 1 177.7               |
| 1981 | 89                     | 2 455                | 31                          | 176   | 197   | 69    | 14    | 3     | 1     | 1 185.6                 | 1 148.2               |
| 1982 | 85                     | 2 320                | 29                          | 166   | 186   | 66    | 14    | 3     | 0     | 1 121.3                 | 1 085.5               |
| 1983 | 79                     | 2 170                | 26                          | 154   | 174   | 63    | 14    | 3     | 0     | 1 049.7                 | 1 014.7               |
| 1984 | 75                     | 2 055                | 23                          | 144   | 169   | 60    | 13    | 2     | 0     | 991.0                   | 959.2                 |
| 1985 | 68                     | 1 880                | 19                          | 129   | 158   | 56    | 12    | 2     | 0     | 909.7                   | 883.0                 |
| 1986 | 60                     | 1 680                | 18                          | 112   | 140   | 52    | 12    | 2     | 0     | 810.5                   | 786.5                 |
| 1987 | 60                     | 1 700                | 16                          | 109   | 147   | 54    | 12    | 2     | 0     | 815.9                   | 790.2                 |
| 1988 | 64                     | 1 855                | 16                          | 111   | 164   | 64    | 14    | 2     | 0     | 891.0                   | 865.3                 |
| 1989 | 58                     | 1 680                | 16                          | 98    | 145   | 61    | 14    | 2     | 0     | 805.3                   | 781.2                 |
| 1990 | 62                     | 1 810                | 17                          | 100   | 159   | 69    | 15    | 2     | 0     | 860.8                   | 835.2                 |
| 1991 | 58                     | 1 720                | 17                          | 92    | 149   | 68    | 16    | 2     | 0     | 817.3                   | 799.8                 |
| 1992 | 57                     | 1 730                | 17                          | 91    | 148   | 72    | 16    | 2     | 0     | 824.1                   | 805.7                 |
| 1993 | 57                     | 1 760                | 17                          | 91    | 149   | 75    | 18    | 2     | 0     | 845.6                   | 827.8                 |
| 1994 | 55                     | 1 755                | 17                          | 87    | 148   | 79    | 18    | 2     | 0     | 840.2                   | 823.7                 |
| 1995 | 55                     | 1 775                | 17                          | 86    | 148   | 82    | 20    | 2     | 0     | 853.8                   | 837.4                 |
| 1996 | 54                     | 1 760                | 17                          | 83    | 145   | 84    | 21    | 2     | 0     | 843.1                   | 826.9                 |
| 1997 | 53                     | 1 770                | 15                          | 80    | 147   | 87    | 22    | 3     | 0     | 847.2                   | 831.7                 |
| 1998 | 43                     | 1 465                | 14                          | 66    | 116   | 73    | 21    | 3     | 0     | 701.9                   | 689.2                 |
| 1999 | 45                     | 1 555                | 13                          | 66    | 126   | 82    | 21    | 3     | 0     | 742.4                   | 725.2                 |
| 2000 | 48                     | 1 680                | 14                          | 72    | 133   | 90    | 24    | 3     | 0     | 802.1                   | 789.5                 |
| 2001 | 41                     | 1 400                | 13                          | 62    | 106   | 75    | 21    | 3     | 0     | 670.8                   | 660.8                 |
| 2002 | 39                     | 1 340                | 13                          | 57    | 102   | 73    | 20    | 3     | 0     | 638.7                   | 629.6                 |
| 2003 | 36                     | 1 235                | 11                          | 52    | 92    | 69    | 20    | 3     | 0     | 587.7                   | 578.8                 |
| 2004 | 34                     | 1 180                | 10                          | 49    | 86    | 68    | 20    | 3     | 0     | 560.2                   | 552.1                 |
| 2005 | 33                     | 1 115                | 8                           | 44    | 79    | 68    | 21    | 3     | 0     | 533.4                   | 525.5                 |
| 2006 | 33                     | 1 115                | 7                           | 41    | 78    | 71    | 23    | 3     | 0     | 531.9                   | 524.5                 |
| 2007 | 32                     | 1 100                | 6                           | 37    | 76    | 74    | 24    | 3     | 0     | 524.5                   | 517.3                 |

Notes : <sup>1</sup> The rates are in per thousand of the estimated midyear population.

<sup>2</sup> Data on gross reproduction rate and net reproduction rate before 1982 included Taiwan area only.

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 |
| 1978 | ...                             | 4.69     | 11.30 | 1.51 | 0.51 | 0.44  | 1.02  | 1.25  | 1.32  | 1.60  | 2.30  | 3.47  |
| 1979 | ...                             | 4.73     | 10.98 | 1.35 | 0.49 | 0.41  | 1.10  | 1.29  | 1.31  | 1.59  | 2.17  | 3.38  |
| 1980 | ...                             | 4.76     | 11.02 | 1.34 | 0.46 | 0.40  | 1.02  | 1.27  | 1.26  | 1.56  | 2.28  | 3.23  |
| 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  |

Notes : <sup>1</sup> All figures before 1977 presented were based on registration; from 1977, data were compiled on ages according to occurrence.

<sup>2</sup> Standardized death rate is based on 2000 midyear population age structure.

<sup>3</sup> Data includeded Taiwan-Fukien area beginning 1981.

## by age and sex

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| both sexes |       |       |       |       |       |       |        |                 |
|------------|-------|-------|-------|-------|-------|-------|--------|-----------------|
| 45-49      | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84  | 85 <sup>+</sup> |
| 4.98       | 7.72  | 12.00 | 18.48 | 23.48 | 47.83 | 76.34 | 128.05 | 234.64          |
| 5.00       | 7.50  | 11.51 | 18.09 | 29.14 | 47.20 | 73.36 | 112.51 | 196.97          |
| 5.03       | 7.50  | 11.40 | 18.16 | 28.90 | 44.57 | 72.61 | 111.15 | 191.39          |
| 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 | 44.09 | 69.83 | 106.54 | 190.79          |
| 4.83       | 6.94  | 10.91 | 17.33 | 28.50 | 44.71 | 73.23 | 113.44 | 197.51          |
| 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 | 182.97          |
| 4.21       | 6.35  | 9.55  | 15.37 | 25.11 | 41.96 | 65.92 | 106.30 | 179.24          |
| 4.35       | 6.60  | 9.62  | 15.21 | 24.78 | 41.82 | 67.62 | 110.68 | 188.01          |
| 4.41       | 6.28  | 9.44  | 14.66 | 25.01 | 40.19 | 65.89 | 103.87 | 175.77          |
| 4.16       | 6.18  | 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 | 58.32 | 91.80  | 163.11          |
| 4.05       | 5.95  | 8.89  | 14.18 | 21.93 | 35.72 | 59.20 | 92.24  | 165.05          |
| 3.98       | 6.05  | 9.04  | 13.96 | 21.27 | 34.65 | 57.44 | 93.43  | 164.24          |
| 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          |

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 |
| 1978 | 5.43     | 12.20 | 1.57 | 0.61 | 0.53  | 1.46  | 1.71  | 1.82  | 2.08  | 3.01  | 4.46  |
| 1979 | 5.51     | 12.00 | 1.45 | 0.59 | 0.51  | 1.52  | 1.78  | 1.79  | 2.10  | 2.87  | 4.22  |
| 1980 | 5.53     | 12.05 | 1.44 | 0.57 | 0.48  | 1.44  | 1.71  | 1.69  | 2.06  | 3.04  | 4.24  |
| 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 | 0.48  | 1.24  | 1.60  | 1.73  | 2.04  | 2.92  | 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 | 0.50 | 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  | 3.96  |
| 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  | 2.00  | 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  |



## by age and sex (continued)

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| Male  |       |       |       |       |       |       |        |        |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84  | 85+    |
| 6.11  | 8.95  | 14.05 | 21.96 | 28.31 | 57.73 | 90.62 | 145.32 | 281.22 |
| 6.14  | 8.83  | 13.68 | 21.67 | 34.79 | 55.64 | 84.17 | 133.14 | 220.27 |
| 6.22  | 8.68  | 13.08 | 21.53 | 34.04 | 52.81 | 83.49 | 127.65 | 211.57 |
| 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 | 51.08 | 78.83 | 118.36 | 205.43 |
| 6.24  | 8.46  | 12.71 | 20.52 | 33.21 | 51.52 | 83.47 | 125.39 | 213.54 |
| 6.16  | 8.45  | 12.22 | 19.49 | 30.56 | 49.52 | 78.92 | 113.47 | 196.82 |
| 5.73  | 8.28  | 11.70 | 18.77 | 30.54 | 49.36 | 78.00 | 117.24 | 195.46 |
| 5.73  | 8.10  | 11.88 | 18.30 | 30.05 | 48.69 | 79.33 | 118.69 | 197.48 |
| 5.68  | 8.19  | 11.56 | 18.05 | 29.00 | 47.39 | 74.68 | 117.38 | 192.44 |
| 5.81  | 8.56  | 11.87 | 17.78 | 28.66 | 47.50 | 91.26 | 120.37 | 194.69 |
| 5.97  | 8.40  | 11.91 | 17.20 | 28.97 | 45.53 | 74.04 | 112.18 | 188.05 |
| 5.71  | 8.30  | 12.26 | 17.70 | 27.66 | 45.62 | 71.99 | 112.37 | 184.46 |
| 5.62  | 8.20  | 11.72 | 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 | 169.74 |
| 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 |

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 |
| 1978 | 3.87     | 10.32 | 1.44 | 0.40 | 0.34  | 0.55  | 0.77  | 0.78  | 1.10  | 1.56  | 2.42  |
| 1979 | 3.87     | 9.88  | 1.24 | 0.38 | 0.32  | 0.66  | 0.77  | 0.81  | 1.05  | 1.44  | 2.51  |
| 1980 | 3.92     | 9.92  | 1.22 | 0.34 | 0.32  | 0.88  | 0.80  | 0.81  | 1.02  | 1.47  | 2.19  |
| 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  | 2.00  |
| 1983 | 4.00     | 7.55  | 0.94 | 0.36 | 0.31  | 0.50  | 0.70  | 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 | 0.28  | 0.45  | 0.65  | 0.72  | 0.92  | 1.27  | 1.82  |
| 1986 | 3.97     | 6.18  | 0.79 | 0.30 | 0.26  | 0.52  | 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  | 0.88  | 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  | 1.18  | 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  |

## by age and sex (continued)

‰

| Female |       |       |       |       |       |       |        |        |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|
| 45-49  | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84  | 85+    |
| 3.46   | 5.86  | 9.12  | 13.99 | 18.06 | 38.59 | 65.25 | 117.35 | 214.00 |
| 3.56   | 5.49  | 8.42  | 13.42 | 22.64 | 39.23 | 64.74 | 99.50  | 186.37 |
| 3.61   | 5.75  | 8.98  | 13.71 | 22.84 | 36.70 | 63.79 | 100.52 | 181.79 |
| 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 | 98.62  | 183.44 |
| 3.35   | 4.92  | 8.24  | 12.98 | 22.74 | 37.54 | 64.51 | 105.09 | 189.31 |
| 3.14   | 4.68  | 7.76  | 12.42 | 21.67 | 35.35 | 60.92 | 96.71  | 174.17 |
| 2.93   | 4.66  | 7.43  | 12.11 | 20.50 | 35.70 | 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  | 171.68 |
| 2.84   | 4.56  | 6.72  | 11.53 | 19.75 | 35.28 | 60.34 | 103.22 | 184.05 |
| 2.80   | 4.12  | 6.45  | 11.04 | 19.83 | 33.96 | 57.80 | 97.42  | 168.27 |
| 2.56   | 4.04  | 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 |
| 2.62   | 3.88  | 6.14  | 10.38 | 17.63 | 31.65 | 56.82 | 93.34  | 169.79 |
| 2.59   | 3.84  | 6.31  | 10.08 | 16.96 | 29.38 | 51.88 | 88.04  | 162.30 |
| 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 | 27.84 | 49.54 | 85.03  | 159.14 |
| 2.29   | 3.58  | 5.58  | 9.48  | 15.82 | 25.82 | 46.88 | 81.60  | 152.88 |
| 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  | 141.41 |
| 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 |

Table 17. Life expectation

| Year              | Male  |       |       |       |       |       |       |       |      |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|                   | 0     | 10    | 20    | 30    | 40    | 50    | 60    | 70    | 80   |
| 1978              | 69.15 | 60.54 | 51.07 | 41.89 | 32.83 | 24.32 | 16.60 | 9.86  | 5.11 |
| 1979              | 69.36 | 60.69 | 51.24 | 42.07 | 32.99 | 24.45 | 16.70 | 10.37 | 5.77 |
| 1980              | 69.57 | 60.91 | 51.43 | 42.23 | 33.18 | 24.66 | 16.86 | 10.51 | 5.80 |
| 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 <sup>Ⓟ</sup> | 75.09 | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...  |

Notes : <sup>1</sup>All figures before 1975 presented were based on ages according to registration. From 1975, data were compiled on ages according to occurrence.

<sup>2</sup>Data includeded Taiwan-Fukien area beginning 1992.

<sup>3</sup>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  |
| 1978 | 409 203          | 714      | 34 072 | 173 042 | 156 937 | 32 948 |
| 1979 | 422 518          | 422      | 33 540 | 178 576 | 164 784 | 35 132 |
| 1980 | 412 557          | 500      | 32 309 | 168 682 | 164 875 | 36 962 |
| 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 |

Notes : <sup>1</sup> All figures were based on registration.<sup>2</sup> Data includeded Taiwan-Fukien area beginning 1992.

## and number of births

| (persons) |       |       |     | Number of births (%) |              |           |
|-----------|-------|-------|-----|----------------------|--------------|-----------|
| 35-39     | 40-44 | 45-49 | 50+ | Legitimate           | Illegitimate | Abandoned |
| 9 116     | 2 073 | 181   | 120 | 98.40                | 1.56         | 0.04      |
| 8 068     | 1 814 | 156   | 26  | 98.51                | 1.45         | 0.04      |
| 7 270     | 1 721 | 185   | 53  | 98.32                | 1.64         | 0.04      |
| 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      |

Table 19. Household appliances

| End of Year | Color T. V. set | DVD  | Air conditioner | Washing machine | Cable T.V. |
|-------------|-----------------|------|-----------------|-----------------|------------|
| 1978        | 46.6            | -    | 8.7             | 54.0            | -          |
| 1979        | 58.6            | -    | 11.7            | 60.1            | -          |
| 1980        | 69.3            | -    | 14.4            | 64.7            | -          |
| 1981        | 77.9            | -    | 16.4            | 68.9            | -          |
| 1982        | 83.1            | -    | 17.2            | 70.5            | -          |
| 1983        | 87.8            | -    | 19.7            | 73.7            | -          |
| 1984        | 90.4            | -    | 22.9            | 75.5            | -          |
| 1985        | 92.3            | -    | 24.0            | 77.8            | -          |
| 1986        | 94.4            | -    | 25.5            | 79.5            | -          |
| 1987        | 95.8            | -    | 28.7            | 81.3            | -          |
| 1988        | 97.3            | -    | 34.3            | 84.0            | -          |
| 1989        | 97.8            | -    | 41.7            | 86.8            | -          |
| 1990        | 98.3            | -    | 47.3            | 88.8            | -          |
| 1991        | 99.2            | 1.7  | 52.4            | 89.5            | -          |
| 1992        | 99.3            | 2.4  | 56.1            | 90.4            | -          |
| 1993        | 99.3            | 3.2  | 60.7            | 91.5            | -          |
| 1994        | 99.4            | 4.0  | 64.0            | 92.3            | 43.4       |
| 1995        | 99.3            | 4.2  | 67.1            | 92.8            | 54.2       |
| 1996        | 99.3            | 5.1  | 71.7            | 93.0            | 59.6       |
| 1997        | 99.5            | 5.7  | 73.8            | 94.0            | 66.0       |
| 1998        | 99.2            | 6.4  | 76.2            | 93.9            | 68.1       |
| 1999        | 99.3            | 7.3  | 78.9            | 94.7            | 67.9       |
| 2000        | 99.5            | 13.5 | 79.5            | 95.4            | 72.0       |
| 2001        | 99.3            | 22.5 | 80.5            | 95.1            | 72.3       |
| 2002        | 99.6            | 32.9 | 83.1            | 96.0            | 74.8       |
| 2003        | 99.5            | 40.1 | 84.5            | 96.6            | 76.1       |
| 2004        | 99.5            | 46.0 | 85.7            | 96.9            | 78.5       |
| 2005        | 99.5            | 48.6 | 85.7            | 96.7            | 79.0       |
| 2006        | 99.6            | 53.5 | 87.5            | 97.1            | 79.8       |
| 2007        | 99.4            | 52.7 | 87.6            | 97.5            | 79.9       |



## saturation

%

| Geyser | Movies Camera | Telephone | Automobile | Motorcycle | Personal computer |
|--------|---------------|-----------|------------|------------|-------------------|
| 41.1   | -             | 35.5      | 2.8        | 54.7       | -                 |
| 43.5   | 1.0           | 41.1      | 4.1        | 58.8       | -                 |
| 50.8   | 1.6           | 51.1      | 5.1        | 63.5       | -                 |
| 53.9   | 1.2           | 60.9      | 6.4        | 67.2       | -                 |
| 56.1   | 1.1           | 67.7      | 7.2        | 68.5       | -                 |
| 60.5   | 0.8           | 74.4      | 9.3        | 70.3       | 1.5               |
| 65.0   | 0.7           | 79.6      | 10.4       | 70.6       | 1.9               |
| 68.1   | 0.7           | 82.1      | 11.9       | 71.9       | 2.3               |
| 72.2   | 0.8           | 85.3      | 13.6       | 72.8       | 2.9               |
| 76.5   | 0.8           | 87.2      | 15.5       | 73.8       | 3.6               |
| 80.5   | 1.1           | 89.1      | 19.2       | 75.3       | 4.0               |
| 83.5   | 1.5           | 91.5      | 24.9       | 76.8       | 5.4               |
| 87.1   | 2.3           | 93.1      | 29.1       | 77.5       | 6.8               |
| 90.8   | 3.2           | 94.8      | 33.7       | 79.2       | 9.6               |
| 91.8   | 4.4           | 95.1      | 38.9       | 78.5       | 11.8              |
| 93.1   | 4.7           | 96.0      | 41.1       | 79.5       | 13.6              |
| 93.9   | 5.9           | 96.5      | 45.5       | 80.8       | 15.3              |
| 94.4   | 6.0           | 96.7      | 48.0       | 79.9       | 18.5              |
| 91.0   | 7.2           | 97.5      | 51.2       | 80.8       | 22.6              |
| 92.4   | 8.2           | 97.5      | 53.8       | 80.2       | 28.4              |
| 92.3   | 8.0           | 97.6      | 54.5       | 80.0       | 32.3              |
| 93.7   | 8.8           | 98.0      | 54.3       | 79.2       | 38.9              |
| 94.5   | 8.6           | 98.0      | 55.6       | 79.4       | 46.5              |
| 93.9   | 8.9           | 97.8      | 55.6       | 79.7       | 50.9              |
| 95.6   | 9.4           | 97.9      | 58.2       | 81.0       | 56.8              |
| 95.9   | 9.5           | 97.8      | 57.4       | 81.0       | 58.7              |
| 96.7   | 10.3          | 97.6      | 58.0       | 80.8       | 62.4              |
| 96.2   | 9.8           | 97.6      | 58.4       | 80.9       | 63.2              |
| 96.8   | 10.1          | 97.4      | 59.1       | 81.7       | 66.1              |
| 97.2   | 8.7           | 96.7      | 58.7       | 83.0       | 67.1              |

Table 20. Population projections (2008-2056)

| Year | Population (Thousand persons) |        |        | Age-specific distribution (%) |       |      | Dependency ratio (%) |      |
|------|-------------------------------|--------|--------|-------------------------------|-------|------|----------------------|------|
|      | Both sexes                    | Male   | Female | 0-14                          | 15-64 | 65 + | Young                | Old  |
| 2008 | 23 054                        | 11 636 | 11 418 | 17.0                          | 72.6  | 10.5 | 23.4                 | 14.4 |
| 2009 | 23 136                        | 11 657 | 11 479 | 16.4                          | 72.9  | 10.7 | 22.6                 | 14.6 |
| 2010 | 23 216                        | 11 677 | 11 539 | 15.9                          | 73.4  | 10.8 | 21.7                 | 14.7 |
| 2011 | 23 294                        | 11 696 | 11 598 | 15.3                          | 73.7  | 10.9 | 20.8                 | 14.8 |
| 2012 | 23 369                        | 11 713 | 11 656 | 14.8                          | 74.0  | 11.2 | 20.0                 | 15.2 |
| 2013 | 23 440                        | 11 729 | 11 711 | 14.5                          | 73.9  | 11.6 | 19.6                 | 15.7 |
| 2014 | 23 508                        | 11 743 | 11 765 | 14.1                          | 73.8  | 12.1 | 19.1                 | 16.4 |
| 2015 | 23 573                        | 11 756 | 11 817 | 13.6                          | 73.7  | 12.6 | 18.5                 | 17.1 |
| 2016 | 23 633                        | 11 767 | 11 866 | 13.4                          | 73.3  | 13.4 | 18.2                 | 18.2 |
| 2017 | 23 687                        | 11 775 | 11 912 | 13.1                          | 72.8  | 14.0 | 18.0                 | 19.3 |
| 2022 | 23 879                        | 11 779 | 12 100 | 12.7                          | 69.6  | 17.7 | 18.2                 | 25.5 |
| 2027 | 23 925                        | 11 718 | 12 207 | 12.3                          | 66.0  | 21.7 | 18.6                 | 32.9 |
| 2032 | 23 784                        | 11 567 | 12 217 | 11.7                          | 62.9  | 25.4 | 18.7                 | 40.4 |
| 2037 | 23 404                        | 11 298 | 12 106 | 11.1                          | 60.4  | 28.5 | 18.4                 | 47.2 |
| 2042 | 22 789                        | 10 924 | 11 864 | 10.5                          | 58.2  | 31.4 | 18.0                 | 53.9 |
| 2047 | 22 007                        | 10 489 | 11 518 | 10.0                          | 55.4  | 34.6 | 18.2                 | 62.5 |
| 2052 | 21 123                        | 10 024 | 11 099 | 10.0                          | 53.7  | 36.3 | 18.6                 | 67.7 |
| 2056 | 20 360                        | 9 634  | 10 726 | 10.2                          | 52.3  | 37.6 | 19.4                 | 71.8 |

Note : 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, Taiwan Area, Republic of China*, the *Monthly Bulletin of Manpower Statistics, Taiwan Area, Republic of China*, the *Yearbook of Earnings and Productivity Statistics, Taiwan Area, Republic of China* and the *Monthly Bulletin of Earnings and Productivity Statistics, Taiwan Area, Republic of China*. 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, Taiwan Area, Republic of China* 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, 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, 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 seventh revision of the Industrial Classification Standard 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) no job, (2) available to work, (3) seeking for a job, or had sought work but waiting for result. 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 school, being engaged in housekeeping, aged, disabled, as well as, not working 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) those 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 not 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 survey, are the input. Information and compilation methods for labor productivity measured by quantum of output, capital productivity, and multi-factor productivity, please see the *Trends in Labor Productivity, Taiwan Area, Republic of China*, the *Research on Measurement of Capital Productivity Statistics, Taiwan Area, Republic of China* and the *Trends in Multi-factor Productivity of Industrial Sector, Taiwan Area, Republic of China* 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 *Yearbook of Labor Statistics, Taiwan Area, Republic of China* published by the Council of Labor Affairs.

For statistics on conditions of labor, readers may also refer to the Report on the Manpower Utilization Survey, Taiwan Area, Republic of China published by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan and Analytical Report on Living Conditions of Labor, Taiwan Area, Republic of China, and the Report for Survey about Enterprises' Employment Administration System and Labor's Sense of Work, Taiwan Area, Republic of China (Chinese edition) published by the Council of Labor Affairs, Executive Yuan.

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. 1978 | 16 974           | 10 784                         | 5 333  | 6 337       | 2 087  | 6 231      | 2 048  | 106        | 39     | 4 448              | 3 246  |
| Ave. 1979 | 17 307           | 11 092                         | 5 504  | 6 515       | 2 159  | 6 432      | 2 126  | 83         | 33     | 4 577              | 3 345  |
| Ave. 1980 | 17 642           | 11 378                         | 5 664  | 6 629       | 2 223  | 6 547      | 2 191  | 82         | 33     | 4 749              | 3 441  |
| 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  |

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. 1978 | 37.33                       | 58.76                          | 77.96 | 39.13  | 9.48  | 36.71                       | 57.78                              | 98.33                  | 1.67                                 |
| Ave. 1979 | 37.64                       | 58.73                          | 77.95 | 39.23  | 9.26  | 37.16                       | 57.99                              | 98.73                  | 1.27                                 |
| Ave. 1980 | 37.58                       | 58.26                          | 77.11 | 39.25  | 8.48  | 37.11                       | 57.55                              | 98.77                  | 1.23                                 |
| 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                                 |

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

Thousands

| Year      | Total | Intend to work but not seeking for | Attending school or rebrushing to take entrance exams | Busy in house keeping | Old aged and disabled | Others |
|-----------|-------|------------------------------------|---|-----------------------|-----------------------|--------|
| Ave. 1978 | 4 448 | 67                                 | 1 150   | 2 372                 | 637                   | 222    |
| Ave. 1979 | 4 577 | 62                                 | 1 207   | 2 432                 | 668                   | 208    |
| Ave. 1980 | 4 749 | 55                                 | 1 269   | 2 473                 | 708                   | 244    |
| 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    |

Table 24. Labor

| 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. 1978 | 6 337              | 876   | 968   | 1 026 | 646   | 654   | 584   | 547   | 473   | 320   | 181   | 63  |
| Ave. 1979 | 6 515              | 868   | 966   | 1 086 | 690   | 670   | 596   | 551   | 499   | 342   | 182   | 65  |
| Ave. 1980 | 6 629              | 813   | 975   | 1 148 | 735   | 681   | 614   | 552   | 514   | 353   | 182   | 63  |
| 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 |



## force 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        | 13.83 | 15.27 | 16.19 | 10.20 | 10.31 | 9.21  | 8.63  | 7.46  | 5.06  | 2.85  | 0.99 |
| 100.00        | 13.33 | 14.83 | 16.67 | 10.59 | 10.28 | 9.15  | 8.45  | 7.66  | 5.24  | 2.79  | 1.00 |
| 100.00        | 12.27 | 14.71 | 17.32 | 11.09 | 10.27 | 9.26  | 8.32  | 7.75  | 5.32  | 2.74  | 0.95 |
| 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 |

Table 25. Employed

| Year      | Total | Agriculture,<br>forestry, fishing &<br>animal husbandry | Mining & quarrying | Manufacturing | Electricity, gas<br>& water | Construction |
|-----------|-------|---|--------------------|---------------|-----------------------------|--------------|
| Ave. 1986 | 7 733 | 1 317   | 33                 | 2 635         | 34                          | 512          |
| Ave. 1987 | 8 022 | 1 226   | 31                 | 2 821         | 35                          | 544          |
| Ave. 1988 | 8 107 | 1 113   | 28                 | 2 802         | 35                          | 577          |
| Ave. 1989 | 8 258 | 1 066   | 24                 | 2 796         | 35                          | 620          |
| Ave. 1990 | 8 283 | 1 064   | 20                 | 2 653         | 36                          | 673          |
| Ave. 1991 | 8 439 | 1 093   | 19                 | 2 598         | 37                          | 715          |
| Ave. 1992 | 8 632 | 1 065   | 18                 | 2 585         | 37                          | 778          |
| Ave. 1993 | 8 745 | 1 005   | 19                 | 2 483         | 36                          | 879          |
| Ave. 1994 | 8 939 | 976   | 18                 | 2 485         | 36                          | 967          |
| Ave. 1995 | 9 045 | 954   | 15                 | 2 449         | 36                          | 1 003        |
| Ave. 1996 | 9 068 | 918   | 14                 | 2 422         | 35                          | 928          |
| Ave. 1997 | 9 176 | 878   | 13                 | 2 570         | 35                          | 885          |
| Ave. 1998 | 9 289 | 822   | 12                 | 2 611         | 35                          | 865          |
| Ave. 1999 | 9 385 | 776   | 11                 | 2 603         | 35                          | 843          |
| Ave. 2000 | 9 491 | 740   | 11                 | 2 655         | 36                          | 832          |

  

| Year      | Total  | Agriculture,<br>forestry,<br>fishing &<br>animal<br>husbandry | Mining &<br>quarrying | Manu-<br>facturing | Electricity<br>& gas<br>supply | Water<br>supply &<br>remediation<br>services | Construc-<br>tion | Wholesale<br>& retail<br>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                              |

Notes : Figures is based on the eighth revised edition of R.O.C Standard Industrial Classification System from 2001.

## persons by industry

Thousands

| Wholesale, retail & restaurant | Transportation, storage & communication | Finance, insurance & real estate | Business services | Social & personal services | Public administration |
|--------------------------------|---|----------------------------------|-------------------|----------------------------|-----------------------|
| 1 372                          | 408                                     | 132                              | 91                | 901                        | 297                   |
| 1 429                          | 418                                     | 137                              | 104               | 976                        | 302                   |
| 1 530                          | 423                                     | 160                              | 122               | 1 011                      | 305                   |
| 1 605                          | 432                                     | 193                              | 130               | 1 048                      | 309                   |
| 1 621                          | 441                                     | 220                              | 148               | 1 098                      | 308                   |
| 1 712                          | 448                                     | 227                              | 149               | 1 147                      | 294                   |
| 1 771                          | 450                                     | 247                              | 171               | 1 200                      | 309                   |
| 1 806                          | 463                                     | 277                              | 205               | 1 259                      | 313                   |
| 1 875                          | 473                                     | 290                              | 214               | 1 288                      | 317                   |
| 1 919                          | 469                                     | 311                              | 223               | 1 347                      | 317                   |
| 1 976                          | 472                                     | 334                              | 233               | 1 412                      | 324                   |
| 1 995                          | 465                                     | 351                              | 240               | 1 421                      | 323                   |
| 2 047                          | 477                                     | 385                              | 260               | 1 461                      | 315                   |
| 2 130                          | 476                                     | 406                              | 284               | 1 502                      | 318                   |
| 2 163                          | 481                                     | 412                              | 313               | 1 534                      | 315                   |

  

| Transport, storage & communication | 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            |

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 &<br>fishing workers | Prod. &<br>machine<br>operators &<br>related<br>workers |
| 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   |

## persons by occupation

| Structure (%) |   |               |   |        |  |   |   |
|---------------|---|---------------|---|--------|--|---|---|
| Total         | Legislators,<br>government<br>administrators,<br>business<br>executives &<br>managers | Professionals | Technicians &<br>associate<br>professionals | Clerks | Service<br>workers &<br>shop & market<br>sales workers | Agricultural,<br>animal<br>husbandry<br>forestry &<br>fishing workers | Prod. &<br>machine<br>operators &<br>related<br>workers |
| 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   |

Table 27. Employed

| Year      | Number (Thousands) |           |                     |                       |                |         |            |
|-----------|--------------------|-----------|---------------------|-----------------------|----------------|---------|------------|
|           | Total              | Employers | Own-account workers | Unpaid family workers | Paid employees |         |            |
|           |                    |           |                     |                       | Sub-total      | Private | Government |
| Ave. 1978 | 6 231              | 197       | 1 374               | 775                   | 3 885          | 3 141   | 744        |
| Ave. 1979 | 6 432              | 266       | 1 348               | 717                   | 4 100          | 3 329   | 771        |
| Ave. 1980 | 6 547              | 290       | 1 341               | 701                   | 4 216          | 3 400   | 815        |
| 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        |

## persons by class of workers

| Structure (%) |           |                     |                       |                |         |            |
|---------------|-----------|---------------------|-----------------------|----------------|---------|------------|
| Total         | Employers | Own-account workers | Unpaid family workers | Paid employees |         |            |
|               |           |                     |                       | Sub-total      | Private | Government |
| 100.00        | 3.16      | 22.05               | 12.44                 | 62.35          | 50.41   | 11.94      |
| 100.00        | 4.13      | 20.96               | 11.16                 | 63.75          | 51.76   | 11.98      |
| 100.00        | 4.43      | 20.48               | 10.71                 | 64.39          | 51.93   | 12.45      |
| 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       |

**Table 28. Employed persons**

| Year      | Number (Thousands) |                              |                |                    |                    |                   |                |                              |
|-----------|--------------------|------------------------------|----------------|--------------------|--------------------|-------------------|----------------|------------------------------|
|           | Total              | Illiterate and self-educated | Primary school | Junior high school | Senior high school | Vocational school | Junior college | University & graduate school |
| Ave. 1992 | 8 632              | 359                          | 2 296          | 1 760              | 745                | 1 946             | 884            | 643                          |
| Ave. 1993 | 8 745              | 329                          | 2 187          | 1 750              | 759                | 2 064             | 954            | 704                          |
| Ave. 1994 | 8 939              | 315                          | 2 142          | 1 804              | 774                | 2 151             | 1 019          | 732                          |
| Ave. 1995 | 9 045              | 297                          | 2 064          | 1 819              | 767                | 2 232             | 1 066          | 800                          |
| 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                        |

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

| Year      | Number (Thousands) |                              |                |                    |                    |                   |                |                              |
|-----------|--------------------|------------------------------|----------------|--------------------|--------------------|-------------------|----------------|------------------------------|
|           | Total              | Illiterate and self-educated | Primary school | Junior high school | Senior high school | Vocational school | Junior college | University & graduate school |
| Ave. 1992 | 132                | 1                            | 12             | 27                 | 16                 | 43                | 19             | 15                           |
| Ave. 1993 | 128                | 1                            | 11             | 24                 | 14                 | 41                | 22             | 15                           |
| Ave. 1994 | 142                | 1                            | 14             | 28                 | 14                 | 45                | 22             | 18                           |
| Ave. 1995 | 165                | 1                            | 15             | 33                 | 17                 | 52                | 26             | 21                           |
| 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                          |



**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        | 4.16                         | 26.59          | 20.39              | 8.63               | 22.55             | 10.24          | 7.45                         |
| 100.00        | 3.76                         | 25.01          | 20.00              | 8.67               | 23.60             | 10.91          | 8.05                         |
| 100.00        | 3.53                         | 23.97          | 20.18              | 8.66               | 24.06             | 11.39          | 8.19                         |
| 100.00        | 3.28                         | 22.82          | 20.11              | 8.48               | 24.68             | 11.79          | 8.85                         |
| 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                        |

**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 |
| 1.51                  | 0.28                         | 0.53           | 1.52               | 2.05               | 2.17              | 2.05           | 2.28                         |
| 1.45                  | 0.21                         | 0.51           | 1.38               | 1.82               | 1.95              | 2.25           | 2.07                         |
| 1.56                  | 0.27                         | 0.65           | 1.53               | 1.80               | 2.04              | 2.12           | 2.38                         |
| 1.79                  | 0.40                         | 0.73           | 1.80               | 2.12               | 2.29              | 2.35           | 2.52                         |
| 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                         |

Table 30. Average monthly

| Year      | Mining & quarrying | Manufacturing | Electricity, gas & water | Construction | Trade  | Accommodation & eating-drinking places |
|-----------|--------------------|---------------|--------------------------|--------------|--------|--|
| Ave. 1992 | 31 931             | 26 981        | 58 411                   | 30 825       | 28 145 | 18 227                                 |
| Ave. 1993 | 32 870             | 28 870        | 62 035                   | 33 639       | 30 540 | 18 967                                 |
| Ave. 1994 | 33 880             | 30 803        | 67 329                   | 34 378       | 32 084 | 20 389                                 |
| Ave. 1995 | 35 624             | 32 555        | 69 871                   | 35 278       | 34 142 | 22 337                                 |
| Ave. 1996 | 37 343             | 33 911        | 76 517                   | 35 817       | 34 897 | 22 214                                 |
| Ave. 1997 | 38 533             | 35 492        | 77 619                   | 37 029       | 36 399 | 23 543                                 |
| Ave. 1998 | 40 068             | 36 546        | 84 764                   | 37 885       | 37 688 | 24 055                                 |
| Ave. 1999 | 41 414             | 37 882        | 88 803                   | 38 070       | 38 684 | 25 134                                 |
| Ave. 2000 | 43 046             | 39 080        | 88 348                   | 38 896       | 39 528 | 26 078                                 |
| Ave. 2001 | 44 264             | 38 586        | 93 091                   | 37 746       | 39 760 | 25 991                                 |
| Ave. 2002 | 45 006             | 38 565        | 89 591                   | 36 848       | 39 202 | 25 828                                 |
| Ave. 2003 | 47 263             | 39 583        | 91 034                   | 37 219       | 39 799 | 25 181                                 |
| Ave. 2004 | 45 297             | 40 611        | 90 711                   | 37 921       | 40 129 | 25 141                                 |
| Ave. 2005 | 45 893             | 41 751        | 89 264                   | 38 455       | 40 033 | 25 578                                 |
| Ave. 2006 | 49 574             | 42 293        | 95 664                   | 39 175       | 40 028 | 25 482                                 |
| Ave. 2007 | 47 317             | 43 206        | 95 867                   | 40 325       | 40 142 | 25 950                                 |

Table 31. Average monthly

| Year      | Mining & quarrying | Manufacturing | Electricity, gas & water | Construction | Trade | Accommodation & eating-drinking places |
|-----------|--------------------|---------------|--------------------------|--------------|-------|--|
| Ave. 1992 | 189.7              | 201.8         | 188.2                    | 191.1        | 189.1 | 197.6                                  |
| Ave. 1993 | 192.6              | 201.9         | 188.4                    | 190.9        | 189.1 | 200.7                                  |
| Ave. 1994 | 190.8              | 202.4         | 187.9                    | 195.3        | 189.5 | 198.5                                  |
| Ave. 1995 | 189.0              | 201.6         | 185.9                    | 194.7        | 185.5 | 192.8                                  |
| Ave. 1996 | 188.7              | 201.1         | 184.6                    | 193.2        | 184.2 | 186.4                                  |
| Ave. 1997 | 190.6              | 201.8         | 183.2                    | 192.1        | 186.5 | 183.9                                  |
| Ave. 1998 | 189.8              | 198.0         | 180.3                    | 188.3        | 182.9 | 184.6                                  |
| Ave. 1999 | 185.9              | 199.1         | 181.5                    | 185.3        | 182.9 | 188.9                                  |
| Ave. 2000 | 185.4              | 198.7         | 180.9                    | 187.3        | 182.9 | 188.2                                  |
| Ave. 2001 | 184.5              | 184.4         | 171.6                    | 180.8        | 178.2 | 175.6                                  |
| Ave. 2002 | 188.6              | 187.6         | 171.2                    | 176.2        | 177.4 | 175.7                                  |
| Ave. 2003 | 186.2              | 188.3         | 170.3                    | 175.6        | 176.0 | 177.3                                  |
| Ave. 2004 | 185.3              | 190.7         | 171.7                    | 177.2        | 180.1 | 169.7                                  |
| Ave. 2005 | 182.2              | 188.8         | 170.3                    | 177.7        | 177.6 | 174.6                                  |
| Ave. 2006 | 184.1              | 187.3         | 170.5                    | 178.0        | 175.3 | 174.4                                  |
| Ave. 2007 | 185.8              | 187.5         | 170.4                    | 177.0        | 174.6 | 173.1                                  |

**earnings of employees by industry**

N. T. Dollars

| Transport, storage & communication | Finance & insurance | Real estate & rental & leasing | Professional, scientific & technical services | Health care services | Cultural, sporting & recreational services | Other services |
|------------------------------------|---------------------|--------------------------------|---|----------------------|--|----------------|
| 34 936                             | 46 311              | 39 216                         | 41 380  | 35 812               | 27 511                                     | 21 814         |
| 37 838                             | 49 957              | 41 962                         | 44 140  | 37 324               | 29 728                                     | 23 111         |
| 40 224                             | 56 472              | 41 023                         | 43 745  | 39 791               | 32 754                                     | 24 436         |
| 43 064                             | 54 658              | 40 447                         | 45 725  | 41 789               | 34 497                                     | 26 873         |
| 45 021                             | 56 913              | 39 936                         | 46 372  | 44 976               | 35 792                                     | 27 737         |
| 47 225                             | 60 641              | 40 760                         | 49 158  | 47 567               | 38 331                                     | 28 721         |
| 49 181                             | 59 566              | 41 622                         | 51 038  | 49 115               | 40 770                                     | 30 110         |
| 50 480                             | 60 352              | 44 240                         | 52 893  | 51 223               | 39 528                                     | 30 841         |
| 51 561                             | 60 871              | 43 708                         | 53 630  | 53 610               | 41 199                                     | 31 515         |
| 53 350                             | 62 625              | 42 604                         | 53 191  | 54 701               | 41 242                                     | 31 157         |
| 51 564                             | 65 767              | 40 714                         | 49 587  | 54 115               | 39 489                                     | 30 525         |
| 51 396                             | 64 693              | 39 872                         | 50 990  | 55 999               | 40 861                                     | 30 057         |
| 51 704                             | 66 743              | 40 006                         | 52 833  | 55 638               | 41 257                                     | 30 489         |
| 53 793                             | 65 097              | 39 129                         | 54 868  | 55 918               | 41 409                                     | 31 352         |
| 53 313                             | 69 132              | 38 213                         | 55 579  | 55 735               | 42 108                                     | 31 447         |
| 54 856                             | 76 036              | 38 082                         | 57 401  | 56 864               | 42 318                                     | 31 614         |

**working hours of employees by industry**

Hours

| Transport, storage & communication | Finance & insurance | Real estate & rental & leasing | Professional, scientific & technical services | Health care services | Cultural, sporting & recreational services | Other services |
|------------------------------------|---------------------|--------------------------------|---|----------------------|--|----------------|
| 197.1                              | 182.1               | 193.1                          | 184.9   | 187.4                | 195.0                                      | 211.5          |
| 195.8                              | 182.8               | 194.2                          | 184.0   | 186.9                | 197.1                                      | 210.1          |
| 195.4                              | 180.9               | 197.3                          | 182.7   | 185.5                | 197.4                                      | 208.4          |
| 193.6                              | 179.6               | 194.2                          | 179.6   | 185.4                | 194.0                                      | 206.2          |
| 193.5                              | 180.9               | 187.8                          | 180.0   | 185.1                | 191.9                                      | 208.8          |
| 193.3                              | 180.0               | 187.3                          | 179.7   | 187.6                | 192.0                                      | 206.7          |
| 190.4                              | 175.4               | 185.1                          | 176.4   | 187.1                | 191.7                                      | 199.2          |
| 188.4                              | 174.6               | 181.3                          | 177.8   | 185.1                | 188.1                                      | 198.1          |
| 187.5                              | 173.9               | 179.9                          | 178.4   | 182.5                | 185.4                                      | 201.5          |
| 178.3                              | 166.2               | 172.4                          | 171.3   | 178.0                | 177.4                                      | 196.7          |
| 178.5                              | 168.5               | 174.2                          | 172.3   | 179.1                | 177.2                                      | 195.8          |
| 177.1                              | 168.7               | 176.3                          | 173.2   | 176.9                | 175.4                                      | 195.8          |
| 180.2                              | 169.1               | 183.8                          | 174.4   | 176.2                | 174.8                                      | 196.9          |
| 178.6                              | 168.0               | 184.1                          | 172.2   | 175.9                | 173.1                                      | 195.7          |
| 177.9                              | 168.6               | 181.9                          | 171.5   | 175.3                | 173.1                                      | 198.1          |
| 177.3                              | 167.1               | 178.0                          | 171.8   | 175.1                | 173.5                                      | 195.9          |

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

2001=100

| Year       | Mining & quarrying | Manufacturing | Electricity, gas & water | Construction | Trade  | Accommodation & Eating-drinking places |  |
|------------|--------------------|---------------|--------------------------|--------------|--------|--|--|
| Ave., 1999 | 105.02             | 92.63         | 89.26                    | 103.79       | 94.37  | 95.47                                  |  |
| Ave. 2000  | 98.55              | 97.67         | 92.67                    | 99.16        | 99.64  | 99.63                                  |  |
| Ave. 2001  | 100.00             | 100.00        | 100.00                   | 100.00       | 100.00 | 100.00                                 |  |
| Ave. 2002  | 108.44             | 108.01        | 102.69                   | 103.45       | 103.07 | 91.51                                  |  |
| Ave. 2003  | 95.40              | 112.24        | 106.75                   | 102.26       | 106.81 | 88.30                                  |  |
| Ave. 2004  | 103.62             | 117.66        | 110.34                   | 103.15       | 110.41 | 95.28                                  |  |
| Ave. 2005  | 106.61             | 124.47        | 119.02                   | 96.49        | 119.75 | 94.84                                  |  |
| Ave. 2006  | 100.62             | 132.73        | 123.59                   | 97.93        | 127.04 | 95.25                                  |  |
| Ave. 2007  | 123.27             | 142.87        | 126.10                   | 100.00       | 132.79 | 96.82                                  |  |

  

| Year       | Transport, storage & communication | Financing & insurance | Real estate & rental & leasing | Professional, scientific & technical services | Health care services | Cultural, sporting & recreational services | Other services |
|------------|------------------------------------|-----------------------|--------------------------------|---|----------------------|--|----------------|
| Ave., 1999 | 84.70                              | 95.61                 | 92.16                          | 98.60   | 100.31               | 88.15                                      | 91.74          |
| Ave. 2000  | 94.13                              | 95.93                 | 94.54                          | 100.60  | 100.14               | 96.62                                      | 93.71          |
| Ave. 2001  | 100.00                             | 100.00                | 100.00                         | 100.00  | 100.00               | 100.00                                     | 100.00         |
| Ave. 2002  | 106.79                             | 102.48                | 107.13                         | 94.64   | 99.75                | 92.72                                      | 105.35         |
| Ave. 2003  | 110.54                             | 108.20                | 105.17                         | 96.04   | 99.39                | 96.17                                      | 103.93         |
| Ave. 2004  | 115.38                             | 109.82                | 101.11                         | 96.58   | 98.32                | 98.06                                      | 102.80         |
| Ave. 2005  | 123.94                             | 107.18                | 99.59                          | 92.01   | 95.47                | 102.73                                     | 106.01         |
| Ave. 2006  | 128.27                             | 107.76                | 113.24                         | 96.85   | 95.69                | 107.47                                     | 108.91         |
| Ave. 2007  | 131.67                             | 118.19                | 117.47                         | 97.18   | 97.54                | 118.21                                     | 112.19         |

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

| Year                                    | Labor unions<br>(Establishments) | Institutional members<br>(Establishments) | Personal members<br>(Persons) |
|---|----------------------------------|---|-------------------------------|
| 2003                                    | 4 158                            | 4 769                                     | 2 901 972                     |
| 2004                                    | 4 290                            | 4 844                                     | 2 964 611                     |
| 2005                                    | 4 310                            | 4 862                                     | 2 986 804                     |
| 2006                                    | 4 476                            | 4 871                                     | 2 978 973                     |
| 2007                                    | 4 574                            | 4 912                                     | 3 026 508                     |
| National                                | 77                               | 290                                       | 20 807                        |
| General federation of labor unions      | 14                               | 112                                       | -                             |
| Federation of industrial labor unions   | 10                               | 20  | -                             |
| Federation of occupational labor unions | 50                               | 158                                       | -                             |
| Occupational labor unions               | 3                                | -   | 20 807                        |
| Regional                                | 8                                | -   | 182 026                       |
| Industrial labor unions                 | 8                                | -   | 182 026                       |
| Export processing zones                 | 49                               | 45  | 31 879                        |
| Federation of industrial labor unions   | 1                                | 45  | -                             |
| Industrial labor unions                 | 48                               | -   | 31 879                        |
| Science-based industrial park           | 2                                | -   | 2 044                         |
| Federations of industrial labor unions  | -                                | -   | -                             |
| Industrial labor unions                 | 2                                | -   | 2 044                         |
| Provincial level                        |                                  |   |                               |
| Taipei municipality                     | 448                              | 297                                       | 559 069                       |
| General federation of labor unions      | 3                                | 290                                       | -                             |
| Federation of industrial labor unions   | 4                                | 7   | -                             |
| Industrial labor unions                 | 158                              | -   | 103 545                       |
| Occupational labor unions               | 283                              | -   | 455 524                       |
| Kaohsiung municipality                  | 420                              | 297                                       | 236 364                       |
| General federation of labor unions      | 3                                | 280                                       | -                             |
| Federation of industrial labor unions   | 4                                | 17  | -                             |
| Industrial labor unions                 | 95                               | -   | 36 903                        |
| Occupational labor unions               | 318                              | -   | 199 461                       |
| Taiwan province                         | 75                               | 1 000                                     | -                             |
| General federation of labor unions      | 3                                | 125                                       | -                             |
| Federation of industrial labor unions   | 17                               | 240                                       | -                             |
| Federation of occupational labor unions | 55                               | 635                                       | -                             |
| County/City                             | 3 495                            | 2 983                                     | 1 994 319                     |
| General federation of labor unions      | 52                               | 2 983                                     | -                             |
| Industrial labor unions                 | 671                              | -   | 216 764                       |
| Occupational labor unions               | 2 772                            | -   | 1 777 555                     |

Table 34. Occupational

| Year <sup>3</sup> | Reporting enterprises (Establishment) | Employee (Person) | Total workdays (Day) | Total person-workhours (Hour) | Times of disability (Person-case) | Frequency of disability <sup>1</sup> |
|-------------------|---------------------------------------|-------------------|----------------------|-------------------------------|-----------------------------------|--------------------------------------|
| 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                                 |

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

<sup>3</sup> 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**

| Cases of disability closed (Person-case) | Deaths (Person) | Permanent total disability (Person) | Permanent partial disability (Person-case) | Temporary total disability (Person-case) | Total workday lost (Day) | Severity of disability <sup>2</sup> |
|--|-----------------|-------------------------------------|--|--|--------------------------|-------------------------------------|
| 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                                 |

Table 35. Labor

| Year | Cause of |          |        |            |                  |              |           |            |                           |
|------|----------|----------|--------|------------|------------------|--------------|-----------|------------|---------------------------|
|      | Total    | Contract | Wage   | Retirement | Welfare benefits | Working hour | Insurance | Management | Employment discrimination |
| 1978 | 506      | 227      | 101    | 11         |                  |              | 39        |            | -                         |
| 1979 | 503      | 169      | 97     | 6          |                  |              | 22        |            | -                         |
| 1980 | 626      | 194      | 174    | 55         |                  |              | 61        |            | -                         |
| 1981 | 891      | 229      | 263    | 203        |                  |              | 60        |            | -                         |
| 1982 | 1 153    | 573      | 261    | 173        |                  |              | 37        |            | -                         |
| 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                        |

Notes : <sup>1</sup> Beginning 1991, each cause of dispute in total cases may involve more than one case of dispute.

<sup>2</sup> The time series before 1988 included the settlements by legal channels.



## dispute

| dispute <sup>1</sup> (Cases) |                   |              |             |        | Persons involved     |                      | Result of dispute (Cases) |           |                          |
|------------------------------|-------------------|--------------|-------------|--------|----------------------|----------------------|---------------------------|-----------|--------------------------|
| Occupational hazards         | Safety and health | mass dismiss | Labor union | Others | in dispute (Persons) | Involvement rate (‰) | Conciliation              | Mediation | Arbitration <sup>2</sup> |
| 44                           |                   | -            |             | 84     | 4 084                | 1.76                 | 506                       |           | -                        |
| 66                           |                   | -            |             | 143    | 11 529               | 3.34                 | 503                       |           | -                        |
| 57                           |                   | -            |             | 85     | 6 305                | 1.75                 | 601                       |           | -                        |
| 120                          |                   | -            |             | 16     | 7 053                | 1.91                 | 830                       |           | 42                       |
| 93                           |                   | -            |             | 16     | 9 501                | 2.57                 | 1 106                     |           | 22                       |
| 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     | -                        |

Table 36. Labor turnover rates

| Year      | Accession          |               |                           |              |       |  |
|-----------|--------------------|---------------|---------------------------|--------------|-------|--|
|           | Mining & quarrying | Manufacturing | Electricity , gas & water | Construction | Trade | Accommodation & eating-drinking places |
| Ave. 1992 | 1.86               | 3.06          | 0.37                      | 3.41         | 2.78  | 5.51                                   |
| Ave. 1993 | 1.77               | 2.95          | 0.23                      | 3.38         | 2.97  | 4.72                                   |
| Ave. 1994 | 1.45               | 2.63          | 0.31                      | 3.57         | 3.40  | 3.81                                   |
| Ave. 1995 | 1.49               | 2.50          | 0.24                      | 3.48         | 3.27  | 4.32                                   |
| Ave. 1996 | 1.35               | 2.20          | 0.25                      | 3.07         | 2.94  | 3.97                                   |
| Ave. 1997 | 1.27               | 2.31          | 0.22                      | 3.28         | 3.16  | 4.13                                   |
| Ave. 1998 | 1.63               | 2.14          | 0.11                      | 3.21         | 3.29  | 3.84                                   |
| Ave. 1999 | 0.79               | 2.21          | 0.70                      | 3.74         | 3.34  | 4.11                                   |
| Ave. 2000 | 0.77               | 2.22          | 0.29                      | 3.49         | 3.34  | 4.24                                   |
| Ave. 2001 | 0.67               | 1.50          | 0.31                      | 3.17         | 2.70  | 3.46                                   |
| Ave. 2002 | 1.24               | 1.92          | 0.21                      | 3.34         | 2.55  | 3.60                                   |
| Ave. 2003 | 1.28               | 1.95          | 0.41                      | 3.64         | 2.57  | 4.51                                   |
| Ave. 2004 | 1.12               | 1.98          | 0.25                      | 3.49         | 2.45  | 4.48                                   |
| Ave. 2005 | 1.30               | 2.00          | 0.31                      | 3.34         | 2.97  | 4.33                                   |
| Ave. 2006 | 1.05               | 2.28          | 0.48                      | 3.30         | 2.91  | 3.82                                   |
| Ave. 2007 | 1.24               | 2.16          | 0.44                      | 3.27         | 2.53  | 4.19                                   |

  

| Year      | Separation         |               |                           |              |       |  |
|-----------|--------------------|---------------|---------------------------|--------------|-------|--|
|           | Mining & quarrying | Manufacturing | Electricity , gas & water | Construction | Trade | Accommodation & eating-drinking places |
| Ave. 1992 | 1.82               | 3.09          | 0.27                      | 2.44         | 1.94  | 4.83                                   |
| Ave. 1993 | 1.81               | 2.89          | 0.26                      | 2.62         | 2.37  | 4.47                                   |
| Ave. 1994 | 1.93               | 2.57          | 0.38                      | 3.03         | 2.45  | 3.26                                   |
| Ave. 1995 | 2.25               | 2.67          | 0.22                      | 3.85         | 2.86  | 4.19                                   |
| Ave. 1996 | 2.07               | 2.29          | 0.30                      | 3.69         | 3.22  | 4.29                                   |
| Ave. 1997 | 1.78               | 2.14          | 0.37                      | 3.15         | 2.80  | 4.36                                   |
| Ave. 1998 | 2.20               | 2.27          | 0.35                      | 3.87         | 3.36  | 4.17                                   |
| Ave. 1999 | 1.79               | 1.97          | 0.33                      | 3.76         | 2.94  | 4.04                                   |
| Ave. 2000 | 1.51               | 2.21          | 0.37                      | 3.95         | 3.23  | 4.30                                   |
| Ave. 2001 | 1.71               | 2.09          | 0.56                      | 3.81         | 2.94  | 4.35                                   |
| Ave. 2002 | 1.59               | 1.79          | 0.38                      | 3.52         | 2.32  | 3.64                                   |
| Ave. 2003 | 2.02               | 1.74          | 0.43                      | 3.65         | 2.55  | 4.37                                   |
| Ave. 2004 | 1.77               | 1.78          | 0.47                      | 2.78         | 2.20  | 4.10                                   |
| Ave. 2005 | 1.84               | 1.99          | 0.40                      | 2.63         | 2.74  | 3.89                                   |
| Ave. 2006 | 1.73               | 2.16          | 0.40                      | 2.17         | 2.85  | 3.68                                   |
| Ave. 2007 | 1.62               | 1.99          | 0.43                      | 2.53         | 2.54  | 3.94                                   |

## of employees by industry

%

| Transportation,<br>storage &<br>communications | Finance &<br>insurance | Real estate &<br>rental & leasing | Professional,<br>scientific &<br>technical<br>services | Health care<br>services | Cultural,<br>sporting &<br>recreational<br>services | Other services |
|--|------------------------|-----------------------------------|--|-------------------------|---|----------------|
| 1.48   | 1.66                   | 4.07                              | 3.15   | 2.09                    | 3.14  | 3.06           |
| 1.43   | 1.56                   | 4.10                              | 3.54   | 2.19                    | 3.04  | 3.23           |
| 1.21   | 1.89                   | 3.55                              | 3.52   | 1.94                    | 2.91  | 3.67           |
| 1.40   | 2.09                   | 3.76                              | 4.03   | 1.97                    | 3.11  | 3.46           |
| 1.20   | 1.80                   | 2.93                              | 3.20   | 1.92                    | 2.75  | 2.96           |
| 1.39   | 2.26                   | 2.96                              | 3.54   | 1.70                    | 2.38  | 3.26           |
| 1.41   | 1.96                   | 2.70                              | 3.14   | 2.04                    | 2.71  | 3.72           |
| 1.22   | 1.72                   | 2.62                              | 2.72   | 2.18                    | 3.41  | 3.64           |
| 1.24   | 1.67                   | 1.28                              | 3.23   | 1.84                    | 3.50  | 3.64           |
| 1.36   | 1.24                   | 1.11                              | 2.69   | 1.19                    | 1.94  | 3.38           |
| 1.31   | 1.29                   | 1.95                              | 2.89   | 1.44                    | 2.52  | 3.19           |
| 1.34   | 1.81                   | 2.56                              | 2.84   | 1.71                    | 2.77  | 3.32           |
| 1.45   | 1.82                   | 3.43                              | 2.53   | 1.78                    | 3.23  | 3.53           |
| 1.53   | 1.67                   | 3.35                              | 2.72   | 1.60                    | 3.40  | 4.04           |
| 1.63   | 1.76                   | 2.91                              | 2.70   | 1.50                    | 3.38  | 4.10           |
| 1.50   | 1.86                   | 3.48                              | 2.57   | 1.53                    | 3.15  | 4.14           |

| Transportation,<br>storage &<br>communications | Finance &<br>insurance | Real estate &<br>rental & leasing | Professional,<br>scientific &<br>technical<br>services | Health care<br>services | Cultural,<br>sporting &<br>recreational<br>services | Other services |
|--|------------------------|-----------------------------------|--|-------------------------|---|----------------|
| 1.21   | 1.31                   | 1.62                              | 2.21   | 1.52                    | 2.54  | 2.83           |
| 1.36   | 1.32                   | 2.64                              | 2.87   | 1.50                    | 2.20  | 2.64           |
| 0.91   | 1.04                   | 2.41                              | 2.49   | 1.40                    | 2.19  | 2.99           |
| 1.09   | 1.39                   | 3.46                              | 3.45   | 1.55                    | 2.56  | 3.04           |
| 1.30   | 1.52                   | 2.91                              | 2.86   | 1.42                    | 2.83  | 3.10           |
| 1.33   | 1.62                   | 2.13                              | 3.20   | 1.49                    | 2.40  | 2.98           |
| 1.40   | 1.74                   | 3.25                              | 3.08   | 1.71                    | 2.80  | 3.69           |
| 1.16   | 1.51                   | 3.56                              | 2.53   | 1.61                    | 3.83  | 3.23           |
| 1.17   | 1.54                   | 2.49                              | 2.97   | 1.63                    | 3.64  | 3.59           |
| 1.64   | 1.52                   | 2.45                              | 3.20   | 1.18                    | 2.67  | 3.77           |
| 1.38   | 1.46                   | 2.25                              | 2.75   | 1.25                    | 2.64  | 2.77           |
| 1.49   | 1.49                   | 2.32                              | 2.12   | 1.37                    | 3.02  | 2.53           |
| 1.40   | 1.60                   | 2.81                              | 1.94   | 1.54                    | 3.29  | 3.24           |
| 1.61   | 1.48                   | 2.93                              | 2.20   | 1.31                    | 3.45  | 3.73           |
| 1.58   | 1.89                   | 2.42                              | 2.36   | 1.24                    | 3.34  | 3.37           |
| 1.60   | 1.66                   | 3.11                              | 2.26   | 1.17                    | 3.24  | 3.38           |

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## 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 Ministry of the Interior, 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 Government Information Office while that on newspapers and magazines, from the *Report on the Survey of Family Income and Distribution* 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.

For additional information on education, please refer to the *Statistical Abstract of Education of the Republic of China*, and the *Statistics on Status of Universities and Colleges of the Republic of China*. For additional information on scientific and technological activities, please refer to the *Science and Technology Yearbook of the Republic of China*. For more information on culture and mass communication, please refer to the *Cultural 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 |
| 1978        | 967                   | 352    | 5 186                    | 5 115  | 1 130     | 1 099  | 151 290                     | 69 954  | 40 205    | 18 676 |
| 1979        | 1 076                 | 375    | 6 275                    | 6 172  | 1 249     | 1 219  | 165 165                     | 77 247  | 41 821    | 19 631 |
| 1980        | 1 186                 | 404    | 6 690                    | 6 619  | 1 257     | 1 234  | 178 216                     | 83 498  | 44 934    | 21 348 |
| 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 |

Table 38. Education at the first level :

| School Year | Institution (Numbers) |        | Teaching staff (Persons) |          |           |        |
|-------------|-----------------------|--------|--------------------------|----------|-----------|--------|
|             | Total                 | Public | Total                    |          | Public    |        |
|             |                       |        | Both sexes               | Female   | Sub-total | Female |
| 1978        | 2 412                 | 2 390  | 68 413                   | 33 532   | 67 610    | 32 894 |
| 1979        | 2 421                 | 2 399  | 69 207                   | 34 663   | 68 400    | 34 018 |
| 1980        | 2 428                 | 2 406  | 69 141                   | 35 042   | 68 337    | 34 400 |
| 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        | 2 627                 | 2 597  | 104 300                  | 70 986   | 103 172   | 70 052 |
| 2003        | 2 638                 | 2 609  | 103 793                  | Ⓘ 70 298 | 102 653   | 69 336 |
| 2004        | 2 646                 | 2 611  | 102 882                  | 69 948   | 101 618   | 68 885 |
| 2005        | 2 655                 | 2 620  | 101 682                  | 69 328   | 100 319   | 68 177 |
| 2006        | 2 651                 | 2 615  | 100 692                  | 68 628   | 99 327    | 67 483 |
| 2007        | 2 651                 | 2 613  | 101 352                  | 69 416   | 99 811    | 68 144 |



**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    |
| 377 257             | 183 288 | 373 253   | 181 578 | 2 278 726                   | 1 106 535 | 2 253 043 | 1 095 679 |
| 379 074             | 184 377 | 375 097   | 182 688 | 2 256 363                   | 1 096 487 | 2 230 734 | 1 085 604 |
| 375 005             | 182 136 | 370 793   | 180 412 | 2 233 706                   | 1 085 334 | 2 208 183 | 1 074 562 |
| 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                   | 1 090 197 | 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   |
| 318 718             | 151 734 | 315 288   | 150 162 | 1 918 034                   | 918 087   | 1 894 643 | 907 492   |
| 317 510             | 151 713 | 313 896   | 150 075 | 1 912 791                   | 916 581   | 1 888 522 | 905 608   |
| 319 587             | 153 299 | 316 345   | 151 778 | 1 883 533                   | 903 002   | 1 857 186 | 891 104   |
| 318 431             | 152 811 | 314 052   | 150 839 | 1 831 913                   | 877 985   | 1 804 772 | 865 607   |
| 317 713             | 152 887 | 313 363   | 150 947 | 1 798 436                   | 861 437   | 1 770 232 | 848 600   |
| ...                 | ...     | ...       | ...     | 1 753 930                   | 839 533   | 1 724 063 | 825 955   |

**Table 39. Education at the second level (general, vocational and teacher-training) :**

| School Year<br>and<br>type of education | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        |
|---|-----------------------|--------|--------------------------|--------|-----------|--------|
|   | Total                 | Public | Total                    |        | Public    |        |
|   |                       |        | Both sexes               | Female | Sub-total | Female |
| 1978 Total                              | 1 003                 | 783    | 66 320                   | 29 421 | 57 013    | 25 761 |
| General                                 | 819                   | 705    | 54 991                   | 25 669 | 50 023    | 23 619 |
| Vocational                              | 184                   | 78     | 11 329                   | 3 752  | 6 990     | 2 142  |
| Teacher-training                        | -                     | -      | -                        | -      | -         | -      |
| 1979 Total                              | 1 007                 | 788    | 68 622                   | 30 828 | 58 605    | 26 766 |
| General                                 | 823                   | 710    | 56 682                   | 26 844 | 51 422    | 24 565 |
| Vocational                              | 184                   | 78     | 11 940                   | 3 984  | 7 183     | 2 201  |
| Teacher-training                        | -                     | -      | -                        | -      | -         | -      |
| 1980 Total                              | 1 023                 | 802    | 69 698                   | 31 749 | 59 448    | 27 458 |
| General                                 | 832                   | 721    | 57 345                   | 27 562 | 52 014    | 25 129 |
| Vocational                              | 191                   | 81     | 12 353                   | 4 187  | 7 434     | 2 329  |
| Teacher-training                        | -                     | -      | -                        | -      | -         | -      |
| 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 | 54 171    | 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 | 55 099    | 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  |

**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  |
| 487 654             | 226 422 | 414 494   | 192 519 | 1 572 687                   | 731 963 | 1 310 983 | 606 252 |
| 399 466             | 182 772 | 374 793   | 173 641 | 1 259 721                   | 578 778 | 1 178 993 | 545 353 |
| 87 591              | 43 401  | 39 104    | 18 629  | 312 061                     | 152 798 | 131 085   | 60 512  |
| 597                 | 249     | 597       | 249     | 905                         | 387     | 905       | 387     |
| 495 096             | 233 111 | 418 020   | 195 874 | 1 593 147                   | 750 763 | 1 315 638 | 614 082 |
| 401 600             | 186 942 | 376 524   | 176 348 | 1 264 378                   | 586 641 | 1 178 549 | 550 433 |
| 93 326              | 46 095  | 41 326    | 19 452  | 328 395                     | 163 974 | 136 715   | 63 501  |
| 170                 | 74      | 170       | 74      | 374                         | 148     | 374       | 148     |
| 504 473             | 239 701 | 422 796   | 200 274 | 1 605 567                   | 764 995 | 1 313 862 | 619 096 |
| 405 031             | 187 308 | 380 542   | 180 347 | 1 256 197                   | 589 373 | 1 169 926 | 552 631 |
| 99 356              | 52 353  | 42 168    | 19 887  | 349 138                     | 175 528 | 143 504   | 66 371  |
| 86                  | 40      | 86        | 40      | 232                         | 94      | 232       | 94      |
| 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 | 163 587   | 73 860  |
| 534 947             | 257 427 | 436 357   | 214 279 | 1 677 924                   | 813 730 | 1 344 402 | 641 381 |
| 412 308             | 195 202 | 386 228   | 191 191 | 1 270 092                   | 607 753 | 1 181 439 | 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 | 369 393   | 183 503 | 1 259 942                   | 606 568 | 1 158 677 | 562 977 |
| 130 317             | 68 276  | 51 865    | 24 857  | 447 328                     | 233 624 | 177 184   | 82 350  |

**Table 39. Education at the second level (general, vocational and teacher-training) :**

| School Year<br>and<br>type of education | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        |
|---|-----------------------|--------|--------------------------|--------|-----------|--------|
|   | Total                 | Public | Total                    |        | Public    |        |
|   |                       |        | Both sexes               | Female | Sub-total | Female |
| 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  |
| 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  |

**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  |
| 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  |
| 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 | 409 842   | 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  |

**Table 39. Education at the second level (general, vocational and teacher-training) :**

| School Year<br>and<br>type of education | Institution (Numbers) |        | Teaching staff (Persons) |        |           |        |
|---|-----------------------|--------|--------------------------|--------|-----------|--------|
|   | Total                 | Public | Total                    |        | Public    |        |
|   |                       |        | Both sexes               | Female | Sub-total | Female |
| 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  |
| 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    | 98 518                   | 60 752 | 80 046    | 50 592 |
| General                                 | 1 046                 | 894    | 82 928                   | 53 049 | 69 161    | 45 473 |
| 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    | 102 318                  | 63 755 | 83 489    | 53 231 |
| General                                 | 1 060                 | 902    | 86 060                   | 55 515 | 71 974    | 47 626 |
| Vocational                              | 156                   | 92     | 16 258                   | 8 240  | 11 515    | 5 605  |

**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  |
| 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  |
| 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  |
| 542 794             | 261 522 | 417 874   | 200 674 | 1 692 721                   | 809 291 | 1 261 203 | 603 970 |
| 446 359             | 216 577 | 376 820   | 182 844 | 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 | 1 703 448                   | 813 736 | 1 255 524 | 600 431 |
| 447 201             | 217 667 | 371 251   | 180 556 | 1 371 844                   | 665 603 | 1 126 877 | 546 382 |
| 97 350              | 44 955  | 39 604    | 17 377  | 331 604                     | 148 133 | 128 647   | 54 049  |
| 548 009             | 264 876 | 409 229   | 197 669 | 1 707 336                   | 813 911 | 1 256 544 | 599 545 |
| 448 721             | 218 880 | 370 252   | 180 611 | 1 371 782                   | 664 992 | 1 128 589 | 546 235 |
| 99 288              | 45 996  | 38 977    | 17 058  | 335 554                     | 148 919 | 127 946   | 53 310  |
| ...                 | ...     | ...       | ...     | 1 707 378                   | 813 184 | 1 259 579 | 600 628 |
| ...                 | ...     | ...       | ...     | 1 367 881                   | 663 900 | 1 130 664 | 547 397 |
| ...                 | ...     | ...       | ...     | 339 497                     | 149 284 | 128 915   | 53 231  |

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 |                |                   |
| 1978        | 101                   | 33     | 75             | 26                | 15 452                   | 4 051  | 7 472     | 1 688  | 6 835          | 8 617             |
| 1979        | 101                   | 33     | 75             | 26                | 16 129                   | 4 345  | 7 649     | 1 741  | 7 194          | 8 935             |
| 1980        | 104                   | 35     | 77             | 27                | 16 495                   | 4 547  | 8 086     | 1 863  | 7 424          | 9 071             |
| 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        | 130                   | 45     | 72             | 58                | 35 163                   | 11 599 | 15 335    | 4 173  | 15 125         | 20 038            |
| 1995        | 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            |



**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  |                |                   |                 |
| 67 108              | 24 599  | 23 630    | 8 314  | 34 732         | 30 508            | 1 868           | 317 188                     | 123 057 | 103 043   | 38 242  | 166 535        | 145 210           | 5 443           |
| 71 887              | 27 101  | 24 273    | 8 857  | 37 739         | 32 360            | 1 788           | 329 603                     | 131 304 | 105 074   | 40 293  | 174 623        | 149 370           | 5 610           |
| 72 588              | 28 531  | 24 330    | 8 839  | 38 370         | 32 214            | 2 004           | 342 528                     | 139 433 | 109 295   | 42 760  | 183 134        | 153 088           | 6 306           |
| 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                     | 243 587 | 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          |
| 181 621             | 87 501  | 56 542    | 23 112 | 100 793        | 68 274            | 12 554          | 720 180                     | 341 172 | 217 240   | 92 107  | 378 860        | 302 093           | 39 227          |
| 189 517             | 92 783  | 60 819    | 24 945 | 105 113        | 70 702            | 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         |
| ...                 | ...     | ...       | ...    | ...            | ...               | ...             | 1 326 029                   | 646 014 | 412 035   | 183 166 | 133 890        | 987 914           | 204 225         |

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 |
| 1978 Total                              | 341                   | 182    | 4 237                    | 1 364  | 1 529     | 549    |
| Special                                 | 9                     | 7      | 462                      | 265    | 442       | 258    |
| Others                                  | 332                   | 175    | 3 775                    | 1 099  | 1 087     | 291    |
| 1979 Total                              | 345                   | 187    | 4 513                    | 1 546  | 1 500     | 571    |
| Special                                 | 9                     | 7      | 466                      | 273    | 448       | 262    |
| Others                                  | 336                   | 180    | 4 047                    | 1 273  | 1 052     | 309    |
| 1980 Total                              | 356                   | 201    | 4 716                    | 1 632  | 1 511     | 560    |
| Special                                 | 9                     | 7      | 478                      | 277    | 457       | 269    |
| Others                                  | 347                   | 194    | 4 238                    | 1 355  | 1 054     | 291    |
| 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    |

**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  |
| 45 355              | 25 573 | 16 692    | 9 891  | 195 559                     | 106 192 | 79 966    | 45 831  |
| 686                 | 274    | 651       | 263    | 2 855                       | 1 188   | 2 650     | 1 111   |
| 44 669              | 25 299 | 16 041    | 9 628  | 192 704                     | 105 004 | 77 316    | 44 720  |
| 47 144              | 26 429 | 18 428    | 11 166 | 209 772                     | 115 065 | 89 050    | 52 175  |
| 666                 | 268    | 652       | 261    | 2 805                       | 1 186   | 2 606     | 1 109   |
| 46 478              | 26 161 | 17 776    | 10 905 | 206 967                     | 113 879 | 86 444    | 51 066  |
| 56 640              | 32 012 | 27 390    | 16 139 | 225 854                     | 126 767 | 99 590    | 60 131  |
| 610                 | 266    | 596       | 260    | 2 676                       | 1 147   | 2 558     | 1 100   |
| 56 030              | 31 746 | 26 794    | 15 879 | 223 178                     | 125 620 | 97 032    | 59 031  |
| 61 274              | 35 813 | 27 577    | 17 227 | 237 748                     | 136 085 | 104 852   | 65 432  |
| 640                 | 254    | 628       | 251    | 2 689                       | 1 168   | 2 566     | 1 123   |
| 60 634              | 35 559 | 26 949    | 16 976 | 235 059                     | 134 917 | 102 286   | 64 309  |
| 64 123              | 39 421 | 31 143    | 21 150 | 251 194                     | 145 796 | 116 351   | 74 791  |
| 501                 | 216    | 491       | 213    | 2 756                       | 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                     | 513 825 | 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                     | 512 634 | 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 | 35 336    | 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 | 34 679    | 23 428 | 270 088                     | 158 395 | 129 489   | 83 286  |
| 72 462              | 45 207 | 37 420    | 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 | 36 741    | 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 |

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 |
| 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    |
| 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    |

**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  |
| 81 516              | 45 431 | 35 722    | 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 | 35 090    | 21 615 | 299 694                     | 176 459 | 160 078   | 101 401 |
| 73 046              | 45 348 | 38 152    | 25 675 | 282 036                     | 165 061 | 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                     | 163 651 | 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 |
| 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 | 44 289    | 28 276 | 331 640                     | 186 999 | 186 631   | 117 338 |
| 1 016               | 435    | 1 003     | 429    | 3 765                       | 1 599   | 3 582     | 1 521   |
| 80 684              | 47 503 | 43 286    | 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 |

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  |
| 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     |
| 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                  | 2 575   | Ⓘ 3 053   | 1 740   |
| Special                                 | 25                    | 23     | 1 647                    | 1 172   | 1 595     | 1 122   |
| Others                                  | 953                   | 759    | Ⓘ 3 235                  | 1 403   | Ⓘ 1 458   | 618     |
| 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     |

**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  |
| 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 |
| 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  |
| ...                 | ...    | ...       | ...    | 263 834                     | 136 479 | 131 309   | 79 645  |
| ...                 | ...    | ...       | ...    | 6 765                       | 2 709   | 6 627     | 2 659   |
| ...                 | ...    | ...       | ...    | 257 069                     | 133 770 | 124 682   | 76 986  |

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<br>(3rd level) <sup>1</sup> |       |        |
|-------------------------------|------------|------------|---------------------------|----------------------------|-------|--------|---|-------|--------|
|                               |            |            |                           | Total                      | Male  | Female | Total                                   | Male  | Female |
| <b>Net enrollment rates</b>   |            |            |                           |                            |       |        |   |       |        |
| 1988                          | 76.35      | 96.40      | 97.96                     | 82.88                      | 81.25 | 84.61  | 15.95                                   | 15.86 | 16.04  |
| 1989                          | 76.55      | 96.77      | 97.74                     | 83.88                      | 81.95 | 85.91  | 17.18                                   | 16.67 | 17.72  |
| 1990                          | 77.97      | 97.12      | 98.04                     | 85.45                      | 83.64 | 87.35  | 19.36                                   | 18.33 | 20.44  |
| 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                          | 84.63      | 96.73      | 97.29                     | 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                          | 87.65      | 97.71      | 98.02                     | 93.66                      | 93.09 | 94.29  | 57.42                                   | 54.00 | 61.06  |
| 2006                          | 88.39      | 97.47      | 97.14                     | 94.93                      | 94.46 | 95.44  | 59.83                                   | 56.70 | 63.16  |
| 2007                          | 89.26      | 98.78      | 99.30                     | 94.56                      | 94.23 | 94.92  | 61.41                                   | 58.33 | 64.71  |
| <b>Gross enrollment rates</b> |            |            |                           |                            |       |        |   |       |        |
| 1988                          | 80.39      | 99.68      | 100.47                    | 94.08                      | 91.95 | 96.32  | 24.57                                   | 25.93 | 23.14  |
| 1989                          | 80.76      | 99.60      | 100.03                    | 94.02                      | 91.66 | 96.52  | 26.74                                   | 27.61 | 25.82  |
| 1990                          | 82.35      | 99.80      | 100.46                    | 95.00                      | 92.85 | 97.27  | 29.65                                   | 30.18 | 29.09  |
| 1991                          | 83.73      | 100.73     | 100.99                    | 95.40                      | 93.58 | 97.32  | 32.37                                   | 32.96 | 31.75  |
| 1992                          | 84.88      | 100.50     | 101.27                    | 95.60                      | 93.71 | 97.60  | 35.56                                   | 36.25 | 34.83  |
| 1993                          | 85.55      | 100.95     | 101.77                    | 95.32                      | 93.67 | 97.06  | 37.93                                   | 38.63 | 37.19  |
| 1994                          | 85.01      | 100.37     | 100.90                    | 95.93                      | 94.02 | 97.96  | 38.32                                   | 38.43 | 38.21  |
| 1995                          | 84.96      | 100.94     | 101.39                    | 95.66                      | 93.84 | 97.59  | 39.44                                   | 38.54 | 40.39  |
| 1996                          | 84.81      | 101.01     | 101.12                    | 95.79                      | 94.06 | 97.63  | 40.90                                   | 39.24 | 42.64  |
| 1997                          | 85.60      | 101.12     | 100.63                    | 97.21                      | 95.60 | 98.92  | 43.08                                   | 40.71 | 45.58  |
| 1998                          | 87.16      | 100.89     | 99.80                     | 98.55                      | 97.12 | 100.07 | 46.98                                   | 44.30 | 49.79  |
| 1999                          | 88.60      | 100.85     | 99.67                     | 99.61                      | 98.26 | 101.04 | 50.52                                   | 48.00 | 53.17  |
| 2000                          | 90.77      | 100.28     | 100.49                    | 99.23                      | 98.05 | 100.49 | 56.14                                   | 53.87 | 58.54  |
| 2001                          | 93.12      | 99.53      | 99.66                     | 99.44                      | 98.31 | 100.64 | 62.96                                   | 60.44 | 65.62  |
| 2002                          | 95.05      | 99.57      | 99.99                     | 99.33                      | 98.31 | 100.43 | 67.56                                   | 64.52 | 70.78  |
| 2003                          | 96.77      | 100.01     | 99.53                     | 99.03                      | 98.16 | 99.96  | 72.37                                   | 68.76 | 76.18  |
| 2004                          | 99.19      | 100.56     | 100.96                    | 98.18                      | 97.45 | 98.98  | 78.56                                   | 75.05 | 82.28  |
| 2005                          | 100.01     | 100.17     | 100.34                    | 97.91                      | 97.30 | 98.58  | 82.02                                   | 79.13 | 85.08  |
| 2006                          | 100.94     | 99.53      | 99.54                     | 99.15                      | 98.66 | 99.68  | 83.58                                   | 81.37 | 85.94  |
| 2007                          | 101.88     | 100.21     | 100.81                    | 98.68                      | 98.28 | 99.12  | 85.31                                   | 83.25 | 87.52  |

**Note :** <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 |
| 1978        | 94.08             | 97.36 | 90.63  | 60.42              | 58.59 | 62.57  | 40.43              | 34.43 | 48.62  | ...               | ...   | ...    |
| 1979        | 95.58             | 98.16 | 92.84  | 62.75              | 60.21 | 65.68  | 43.96              | 37.53 | 52.34  | ...               | ...   | ...    |
| 1980        | 96.14             | 97.99 | 94.19  | 65.16              | 63.10 | 67.48  | 44.64              | 39.92 | 50.74  | ...               | ...   | ...    |
| 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  | 66.64              | 68.43 | 64.83  | 30.49             | 27.56 | 33.18  |
| 2000        | 99.79             | 99.78 | 99.79  | 95.31              | 94.46 | 96.20  | 68.74              | 67.74 | 69.71  | 38.43             | 33.75 | 42.80  |
| 2001        | 99.15             | 99.34 | 98.85  | 95.97              | 94.92 | 97.09  | 70.73              | 69.68 | 71.78  | 41.82             | 37.18 | 46.27  |
| 2002        | 99.70             | 99.64 | 99.76  | 95.48              | 94.81 | 96.20  | 69.01              | 68.02 | 70.00  | 45.73             | 42.58 | 48.83  |
| 2003        | 99.44             | 99.44 | 99.44  | 95.74              | 94.74 | 96.82  | 74.85              | 73.48 | 76.20  | 62.65             | 58.93 | 66.33  |
| 2004        | 99.42             | 99.45 | 99.39  | 96.03              | 95.26 | 96.86  | 80.05              | 78.17 | 81.83  | 67.17             | 64.81 | 69.72  |
| 2005        | 99.31             | 99.21 | 99.41  | 94.93              | 93.58 | 96.42  | 85.15              | 84.58 | 85.71  | 76.07             | 73.50 | 79.05  |
| 2006        | 99.65             | 99.53 | 99.77  | 96.23              | 95.66 | 96.86  | 83.91              | 84.10 | 83.72  | 76.46             | 73.70 | 79.67  |
| 2007        | 99.64             | 99.60 | 99.68  | 96.26              | 95.46 | 97.12  | 87.71              | 87.64 | 87.77  | 83.60             | 82.64 | 84.71  |

**Note :** 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. Opportunity for graduates entering advanced levels

%

| School Year | Junior high school |        |        | Senior high school |        |        |
|-------------|--------------------|--------|--------|--------------------|--------|--------|
|             | Average            | Male   | Female | Average            | Male   | Female |
| 1978        | 79.31              | 78.11  | 80.72  | 74.26              | 64.31  | 87.86  |
| 1979        | 82.66              | 81.07  | 84.49  | 79.57              | 74.80  | 85.80  |
| 1980        | 86.01              | 85.03  | 87.12  | 79.90              | 74.93  | 86.32  |
| 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        | 108.05             | 109.26 | 106.77 | 118.17             | 118.26 | 118.07 |
| 2001        | 107.51             | 108.57 | 106.39 | ...                | ...    | ...    |
| 2002        | 106.95             | 108.11 | 105.71 | ...                | ...    | ...    |
| 2003        | 105.51             | 104.32 | 104.94 | ...                | ...    | ...    |
| 2004        | 105.57             | 106.06 | 105.03 | ...                | ...    | ...    |
| 2005        | 104.73             | 105.08 | 104.35 | ...                | ...    | ...    |
| 2006        | 105.51             | 106.42 | 104.51 | ...                | ...    | ...    |
| 2007        | 105.12             | 106.02 | 104.14 | ...                | ...    | ...    |

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

| School Year | Persons           |                    |                    |                          |                |                      |
|-------------|-------------------|--------------------|--------------------|--------------------------|----------------|----------------------|
|             | Elementary School | Junior high school | Senior high school | Senior vocational school | Junior college | University & college |
| 1978        | 33.31             | 24.66              | 22.30              | 21.70                    | 21.13          | 13.15                |
| 1979        | 32.60             | 23.87              | 22.69              | 21.38                    | 21.23          | 13.10                |
| 1980        | 32.31             | 23.38              | 22.98              | 21.85                    | 21.42          | 13.13                |
| 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              | 20.61                    | 20.08          | 19.07                |
| 2001        | 18.60             | 15.67              | 19.37              | 19.19                    | 20.56          | 19.83                |
| 2002        | 18.39             | 16.05              | 19.43              | 18.41                    | 20.97          | 20.00                |
| 2003        | 18.43             | 16.14              | 19.19              | 18.19                    | 19.78          | 20.00                |
| 2004        | 18.31             | 16.28              | 19.41              | 18.48                    | 19.57          | 19.88                |
| 2005        | 18.02             | 16.00              | 19.44              | 18.84                    | 18.92          | 19.82                |
| 2006        | 17.86             | 15.70              | 19.30              | 18.38                    | 21.01          | 19.64                |
| 2007        | 17.31             | 15.24              | 19.12              | 18.68                    | 22.73          | 19.92                |

**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 of**

| Year | Average length of education (years) |       |        | Illiterate & self-educated |       |        |
|------|-------------------------------------|-------|--------|----------------------------|-------|--------|
|      | Average                             | Male  | Female | Average                    | Male  | Female |
| 1983 | 6.89                                | 7.95  | 5.73   | 20.67                      | 11.94 | 30.20  |
| 1984 | 7.06                                | 8.12  | 5.92   | 19.73                      | 11.20 | 28.99  |
| 1985 | 7.20                                | 8.23  | 6.10   | 18.97                      | 10.86 | 27.75  |
| 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   |

**Note :** 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.

**population aged 25 and over**

%

| First level |       |        | Second level |       |        | Third level |       |        |
|-------------|-------|--------|--------------|-------|--------|-------------|-------|--------|
| Average     | Male  | Female | Average      | Male  | Female | Average     | Male  | Female |
| 43.14       | 43.54 | 42.70  | 26.39        | 31.46 | 20.85  | 9.81        | 13.06 | 6.26   |
| 42.04       | 42.11 | 41.95  | 27.90        | 32.92 | 22.45  | 10.33       | 13.77 | 6.61   |
| 40.93       | 40.69 | 41.19  | 29.46        | 34.41 | 24.10  | 10.64       | 14.04 | 6.95   |
| 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  |

Table 47. Total educational expenditures

Thousands of N. T. Dollars

| Fiscal Year         | Total       | Public sector | Government's educational expenditure |                        |                                  | Private sector |
|---------------------|-------------|---------------|--------------------------------------|------------------------|----------------------------------|----------------|
|                     |             |               | Amount                               | Per capita expenditure | as % of total public expenditure |                |
|                     |             |               |                                      |                        |                                  |                |
| 1978                | 36 690 330  | 29 871 453    | 29 871 453                           | 1.769                  | 14.36                            | 6 818 877      |
| 1979                | 43 269 554  | 35 480 093    | 35 480 093                           | 2.062                  | 14.32                            | 7 789 461      |
| 1980                | 56 907 853  | 47 418 999    | 47 418 999                           | 2.703                  | 15.12                            | 9 488 854      |
| 1981                | 74 112 578  | 60 262 157    | 60 262 157                           | 3.373                  | 14.71                            | 13 850 421     |
| 1982                | 94 673 666  | 77 809 670    | 77 809 670                           | 4.277                  | 15.14                            | 16 863 996     |
| 1983                | 110 942 492 | 91 864 372    | 91 864 372                           | 4.961                  | 16.51                            | 19 078 120     |
| 1984                | 111 121 049 | 89 206 666    | 89 206 666                           | 4.747                  | 16.28                            | 21 914 383     |
| 1985                | 123 915 028 | 100 352 921   | 100 352 921                          | 5.263                  | 16.57                            | 23 562 107     |
| 1986                | 137 899 432 | 112 949 397   | 112 949 397                          | 5.848                  | 16.45                            | 24 950 035     |
| 1987                | 148 047 536 | 119 030 192   | 119 030 192                          | 6.101                  | 16.54                            | 29 017 344     |
| 1988                | 168 382 593 | 135 970 263   | 135 970 263                          | 6.893                  | 17.27                            | 32 412 330     |
| 1989                | 200 549 624 | 163 094 485   | 163 094 485                          | 8.173                  | 17.39                            | 37 455 139     |
| 1990                | 245 279 765 | 202 364 354   | 202 364 354                          | 10.040                 | 17.47                            | 42 915 411     |
| 1991                | 300 965 051 | 247 488 080   | 247 488 080                          | 12.131                 | 17.77                            | 53 476 971     |
| 1992                | 351 140 259 | 290 019 588   | 290 019 588                          | 14.075                 | 17.86                            | 61 120 671     |
| 1993                | 401 130 100 | 332 463 417   | 332 463 417                          | 15.982                 | 18.43                            | 68 666 683     |
| 1994                | 428 109 963 | 350 053 223   | 350 053 223                          | 16.672                 | 18.58                            | 78 056 740     |
| 1995                | 449 691 445 | 366 902 255   | 366 902 255                          | 17.325                 | 19.36                            | 82 789 190     |
| 1996 <sup>(T)</sup> | 503 588 525 | 410 321 300   | 407 595 911                          | 19.085                 | 19.50                            | 93 267 225     |
| 1997 <sup>(T)</sup> | 545 187 475 | 432 420 406   | 420 905 497                          | 19.554                 | 18.91                            | 112 767 069    |
| 1998 <sup>(T)</sup> | 565 960 017 | 446 325 947   | 430 675 819                          | 19.808                 | 18.54                            | 119 634 070    |
| 1999 <sup>(T)</sup> | 598 684 237 | 470 237 833   | 453 089 741                          | 20.662                 | 18.80                            | 128 446 404    |
| 2000 <sup>(T)</sup> | 546 601 219 | 406 553 366   | 381 934 938                          | 17.145                 | 16.11                            | 140 047 853    |
| 2001 <sup>(T)</sup> | 581 140 781 | 430 281 359   | 399 939 010                          | 17.850                 | 17.17                            | 150 859 422    |
| 2002 <sup>(T)</sup> | 613 923 456 | 455 554 884   | 424 310 814                          | 18.841                 | 19.14                            | 158 368 572    |
| 2003 <sup>(T)</sup> | 637 475 625 | 468 188 786   | 431 591 358                          | 19.093                 | 18.88                            | 169 286 839    |
| 2004 <sup>(T)</sup> | 658 064 685 | 483 018 354   | 443 969 067                          | 19.567                 | 18.99                            | 175 046 331    |
| 2005 <sup>(T)</sup> | 672 643 664 | 492 348 053   | 448 940 849                          | 19.716                 | 19.28                            | 180 295 611    |
| 2006 <sup>(T)</sup> | 686 449 884 | 500 539 167   | 456 694 229                          | 19.963                 | 19.46                            | 185 910 717    |
| 2007                | 693 874 260 | 510 437 772   | 462 782 284                          | 20.157                 | 19.18                            | 183 436 488    |

Note : 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**

Thousands of N. T. Dollars

| Fiscal Year | Total       | Pre-school education | 1st level education | 2nd level education | 3rd level education | Special and others education |
|-------------|-------------|----------------------|---------------------|---------------------|---------------------|------------------------------|
| 1977        | 30 100 725  | 345 815              | 10 090 612          | 12 334 617          | 7 329 681           | -                            |
| 1978        | 37 717 339  | 446 805              | 12 755 016          | 16 194 420          | 8 321 098           | -                            |
| 1979        | 48 330 691  | 807 438              | 16 165 057          | 20 220 879          | 11 137 317          | -                            |
| 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        | 505 804 493 | 13 969 605           | 144 918 465         | 192 421 037         | 150 920 669         | 3 574 717                    |
| 2000        | 529 320 409 | 15 069 700           | 145 910 174         | 187 835 510         | 177 668 224         | 2 836 801                    |
| 2001        | 516 975 677 | 16 392 865           | 142 725 045         | 176 415 823         | 178 411 266         | 3 030 678                    |
| 2002        | 532 701 718 | 16 868 919           | 141 255 665         | 176 683 433         | 194 645 435         | 3 248 266                    |
| 2003        | 553 590 264 | 17 794 264           | 145 727 307         | 182 653 481         | 203 849 293         | 3 565 919                    |
| 2004        | 571 227 283 | 18 122 130           | 151 053 535         | 186 892 453         | 211 394 091         | 3 765 074                    |
| 2005        | 586 022 895 | 16 888 946           | 153 674 927         | 188 677 068         | 223 129 492         | 3 652 462                    |
| 2006        | 596 656 636 | 16 840 356           | 156 161 465         | 191 870 202         | 228 263 975         | 3 520 638                    |

Note : <sup>1</sup> 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 |
|-------------|--------|-----------|-----------|------------|---------------------------|---------------------------|---------------------|-----------------|--------------------------------|
| 1978        | 1 726  | 11        | 16        | 1 513      | 86                        | -                         | 6                   | 10              | -                              |
| 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 : <sup>1</sup> Number of students in subject of Humanities excluded those in language centers subordinating to colleges and universities from 1987.

<sup>2</sup> Number of students in language center was calculated from Jan-Dec. of a year while No. of formal students in colleges and universities was



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 |
|-----------------|------------------|-------------|------------------------------|---------------------------------|----------------|--------------------------------|-----------------|-------------------------------|-----------------|--------|
| 50              | -                | 20          | -                            | 14                              | -              | -                              | -               | -                             | ...             | -      |
| 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 | Journa-<br>lism & infor-<br>mation | Business & adminis-<br>tration | General law | Life science | Natural science |
|----------------|--------|-----------|------|------------|--------|---------------------------|------------------------------------|--------------------------------|-------------|--------------|-----------------|
| 2007           | 15 436 | 185       | 79   | 718        | 75     | 407                       | 280                                | 1 431                          | 37          | 117          | 137             |
| Asia           | 9 532  | 135       | 57   | 567        | 65     | 246                       | 233                                | 966                            | 30          | 82           | 121             |
| Indonesia      | 1 658  | 5         | 2    | 48         | 7      | 14                        | 9                                  | 94                             | -           | 11           | 5               |
| Japan          | 2 297  | 28        | 7    | 155        | 9      | 52                        | 8                                  | 62                             | 10          | 5            | 1               |
| Korea          | 1 505  | 25        | 12   | 92         | 2      | 46                        | 21                                 | 73                             | 7           | 2            | 1               |
| America        | 3 409  | 30        | 17   | 93         | 8      | 83                        | 26                                 | 326                            | 3           | 27           | 8               |
| Canada         | 529    | 2         | 2    | 21         | -      | 13                        | 2                                  | 62                             | -           | 3            | -               |
| U. S. A.       | 1 866  | 20        | 9    | 55         | 7      | 38                        | 5                                  | 107                            | 3           | 14           | 3               |
| Europe         | 1 766  | 14        | 5    | 49         | 1      | 58                        | 12                                 | 72                             | 3           | 4            | 7               |
| France         | 380    | 1         | 2    | 4          | 1      | 3                         | 3                                  | 8                              | -           | 1            | 3               |
| Germany        | 293    | -         | -    | 7          | -      | 7                         | 2                                  | 15                             | -           | 1            | -               |
| United Kingdom | 274    | 1         | -    | 9          | -      | 7                         | -                                  | 11                             | 2           | -            | -               |
| Africa         | 369    | 3         | -    | 3          | 1      | 11                        | 5                                  | 39                             | -           | 1            | 1               |
| South Africa   | 125    | -         | -    | 1          | 1      | 2                         | 1                                  | 5                              | -           | -            | -               |
| Oceania        | 360    | 3         | -    | 6          | -      | 9                         | 4                                  | 28                             | 1           | 3            | -               |
| Australia      | 167    | 2         | -    | 5          | -      | 3                         | -                                  | 10                             | -           | -            | -               |
| New Zealand    | 79     | 1         | -    | -          | -      | 1                         | 1                                  | 3                              | -           | -            | -               |

Note : The courses of study are classified by "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      |         |
| 5                        | 108       | 666         | 32                      | 106                             | 11         | 70     | 12              | 152               | 25                      | 9                        | 5 834           | -      |         |
| -                        | 21        | 157         | 5                       | 4                               | -          | 6      | -               | 29                | -                       | 8                        | 1 233           | -      |         |
| 1                        | 4         | 22          | 4                       | 4                               | 1          | 16     | 1               | 18                | -                       | 1                        | 1 888           | -      |         |
| -                        | 8         | 8           | 4                       | 3                               | -          | 5      | 3               | 29                | 1                       | -                        | 1 163           | -      |         |
| 1                        | 26        | 185         | 9                       | 76                              | 2          | 49     | 1               | 17                | 3                       | 1                        | 2 417           | 1      |         |
| -                        | 1         | 2           | -                       | -                               | 1          | 10     | 1               | -                 | 1                       | 1                        | 407             | -      |         |
| 1                        | 9         | 31          | 3                       | 4                               | 1          | 30     | -               | 7                 | -                       | -                        | 1 518           | 1      |         |
| 2                        | 5         | 37          | -                       | 7                               | -          | 3      | -               | 3                 | -                       | -                        | 1 484           | -      |         |
| 1                        | -         | 1           | -                       | 2                               | -          | -      | -               | 1                 | -                       | -                        | 349             | -      |         |
| -                        | -         | 1           | -                       | -                               | -          | 1      | -               | -                 | -                       | -                        | 259             | -      |         |
| -                        | -         | 2           | -                       | -                               | -          | 1      | -               | -                 | -                       | -                        | 241             | -      |         |
| 1                        | 16        | 67          | 2                       | 17                              | 1          | 10     | -               | 4                 | -                       | -                        | 187             | -      |         |
| -                        | 1         | 1           | -                       | -                               | -          | 1      | -               | -                 | -                       | -                        | 112             | -      |         |
| -                        | 8         | 16          | -                       | 7                               | -          | 13     | -               | 7                 | -                       | -                        | 255             | -      |         |
| -                        | -         | 3           | -                       | -                               | -          | 3      | -               | 1                 | -                       | -                        | 140             | -      |         |
| -                        | 1         | 2           | -                       | -                               | -          | 2      | -               | -                 | -                       | -                        | 68              | -      |         |

**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 (Millions of N.T. Dollars) | Government funds (%) | R & D expenditures as % of GDP | Manufacturing industry R&D expenditures as a percentage of sales(%) | Annual R & D expenditures per researcher (Millions of N.T. Dollars) |
| 1995 | ...                                      | ...         | ...         | 125 031                                      | ...                  | 1.72                           | ...   | ...   |
| 1996 | ...                                      | 45 778      | ...         | 137 955                                      | ...                  | 1.74                           | ...   | 3.01  |
| 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                 | 1.98                           | 1.26  | 3.47  |
| 2000 | 104 568                                  | 55 460      | 39 966      | 197 631                                      | 33.4                 | 1.97                           | 1.14  | 3.56  |
| 2001 | 107 757                                  | 59 656      | 39 296      | 204 974                                      | 33.3                 | 2.08                           | 1.26  | 3.44  |
| 2002 | 120 013                                  | 69 887      | 40 972      | 224 428                                      | 35.2                 | 2.18                           | 1.30  | 3.21  |
| 2003 | 127 628                                  | 75 111      | 43 077      | 242 942                                      | 35.2                 | 2.31                           | 1.28  | 3.23  |
| 2004 | 138 604                                  | 81 209      | 47 568      | 263 271                                      | 33.6                 | 2.38                           | 1.24  | 3.24  |
| 2005 | 149 154                                  | 88 859      | 49 471      | 280 980                                      | 31.5                 | Ⓘ 2.45                         | Ⓘ 1.36  | 3.16  |
| 2006 | 161 314                                  | 95 176      | 54 519      | 307 037                                      | 31.4                 | 2.58                           | 1.34  | 3.23  |

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**

Millions of N. T. Dollars

| Year | Total   | Type of work   |                  |                           | Type of cost        |                     |         |         |
|------|---------|----------------|------------------|---------------------------|---------------------|---------------------|---------|---------|
|      |         | Basic research | Applied research | Technological development | Capital expenditure | Current expenditure | Labor   | others  |
| 1995 | 125 031 | 15 311         | 35 906           | 73 814                    | 20 295              | 104 736             | 56 733  | 48 003  |
| 1996 | 137 955 | 15 223         | 41 463           | 81 269                    | 20 150              | 117 806             | 62 826  | 54 980  |
| 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 |

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

Millions of N. T. Dollars

| Year | Total   | Business enterprise | Government | Higher education | Private non-profit |
|------|---------|---------------------|------------|------------------|--------------------|
| 1995 | 125 031 | ...                 | ...        | ...              | ...                |
| 1996 | 137 955 | ...                 | ...        | ...              | ...                |
| 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              |

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

Millions of N. T. Dollars

| Year | Total   | Business enterprise | Government | Higher education | Private non-profit | Abroad |
|------|---------|---------------------|------------|------------------|--------------------|--------|
| 1995 | 125 031 | ...                 | ...        | ...              | ...                | ...    |
| 1996 | 137 955 | ...                 | ...        | ...              | ...                | ...    |
| 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     |

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 |
| 1978 | 42    | 132    | -                | 22     | -                                | 37     | -                                 | 49     | -                              | 17     | -                  | 7      |
| 1979 | 36    | 153    | -                | 31     | -                                | 45     | -                                 | 52     | -                              | 17     | -                  | 8      |
| 1980 | 24    | 175    | -                | 38     | -                                | 43     | -                                 | 58     | -                              | 26     | -                  | 10     |
| 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 | -     | 209    | -                | 32     | -                                | 62     | -                                 | 20     | -                              | 87     | -                  | 8      |

**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>                              |        |                  |                            |                                   |                         |                    |        |
| 1988                                      | 3 022  | 576              | 1 009                      | 1 072                             | 258                     | 107                | -      |
| 1989                                      | 3 175  | 666              | 1 030                      | 1 152                             | 234                     | 93                 | -      |
| 1990                                      | 3 844  | 738              | 1 351                      | 1 341                             | 316                     | 98                 | -      |
| 1991                                      | 4 617  | 816              | 1 688                      | 1 584                             | 419                     | 110                | -      |
| 1992                                      | 5 592  | 1 176            | 2 236                      | 1 514                             | 538                     | 128                | -      |
| 1993                                      | 6 920  | 1 411            | 2 887                      | 1 562                             | 718                     | 252                | 90     |
| 1994                                      | 7 501  | 1 398            | 3 194                      | 1 652                             | 879                     | 332                | 46     |
| 1995                                      | 7 991  | 1 438            | 3 526                      | 1 676                             | 893                     | 447                | 11     |
| 1996                                      | 8 947  | 1 671            | 3 637                      | 1 894                             | 1 267                   | 476                | 2      |
| 1997                                      | 9 739  | 1 791            | 3 866                      | 2 052                             | 1 593                   | 437                | -      |
| 1998                                      | 10 707 | 1 793            | 4 314                      | 2 212                             | 1 889                   | 498                | 1      |
| 1999                                      | 11 035 | 1 836            | 4 351                      | 2 276                             | 2 086                   | 485                | 1      |
| 2000                                      | 24 659 | 3 739            | 9 705                      | 5 378                             | 4 798                   | 1 039              | -      |
| 2001                                      | 13 709 | 2 023            | 5 497                      | 2 864                             | 2 570                   | 755                | -      |
| 2002                                      | 15 080 | 1 927            | 6 277                      | 3 132                             | 2 992                   | 752                | -      |
| 2003                                      | 16 056 | 2 031            | 6 801                      | 3 250                             | 3 125                   | 842                | 7      |
| 2004                                      | 17 026 | 2 207            | 7 275                      | 3 481                             | 3 392                   | 660                | 11     |
| 2005                                      | 17 177 | 2 268            | 7 315                      | 3 425                             | 3 471                   | 692                | 6      |
| 2006 <sup>Ⓘ</sup>                         | 17 691 | 2 391            | 7 386                      | 3 535                             | 3 682                   | 684                | 13     |
| 2007                                      | 14 919 | 1 873            | 6 117                      | 2 805                             | 3 580                   | 535                | 9      |
| <b>Grants (Millions of N. T. Dollars)</b> |        |                  |                            |                                   |                         |                    |        |
| 1988                                      | 1 467  | 309              | 477                        | 537                               | 101                     | 42                 | -      |
| 1989                                      | 1 633  | 407              | 480                        | 620                               | 90                      | 36                 | -      |
| 1990                                      | 2 083  | 519              | 682                        | 710                               | 129                     | 43                 | -      |
| 1991                                      | 2 818  | 627              | 961                        | 972                               | 201                     | 57                 | -      |
| 1992                                      | 3 488  | 913              | 1 271                      | 972                               | 266                     | 66                 | -      |
| 1993                                      | 4 273  | 1 238            | 1 384                      | 1 128                             | 306                     | 113                | 103    |
| 1994                                      | 4 428  | 1 160            | 1 573                      | 1 127                             | 419                     | 141                | 9      |
| 1995                                      | 4 538  | 1 262            | 1 483                      | 1 220                             | 379                     | 190                | 3      |
| 1996                                      | 5 211  | 1 312            | 1 866                      | 1 266                             | 565                     | 201                | 1      |
| 1997                                      | 5 017  | 1 322            | 1 726                      | 1 196                             | 581                     | 193                | -      |
| 1998                                      | 6 300  | 1 463            | 2 325                      | 1 462                             | 754                     | 282                | 14     |
| 1999                                      | 7 023  | 1 684            | 2 529                      | 1 691                             | 815                     | 304                | 0      |
| 2000                                      | 16 354 | 3 804            | 5 635                      | 4 280                             | 1 895                   | 740                | -      |
| 2001                                      | 9 688  | 2 320            | 3 403                      | 2 287                             | 1 042                   | 636                | -      |
| 2002                                      | 12 108 | 2 553            | 4 231                      | 3 267                             | 1 467                   | 591                | -      |
| 2003                                      | 12 852 | 3 010            | 4 535                      | 3 106                             | 1 476                   | 711                | 14     |
| 2004                                      | 14 107 | 3 190            | 5 121                      | 3 545                             | 1 675                   | 569                | 6      |
| 2005                                      | 15 354 | 3 827            | 5 373                      | 3 714                             | 1 808                   | 624                | 7      |
| 2006 <sup>Ⓘ</sup>                         | 17 055 | 4 137            | 5 786                      | 4 303                             | 2 188                   | 627                | 13     |
| 2007                                      | 15 282 | 3 559            | 4 981                      | 3 905                             | 2 292                   | 532                | 14     |

**Note :** 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 |
| 1983 | 647           | 40   | 65                                   | 20   |
| 1984 | 738           | 39   | 99                                   | 17   |
| 1985 | 969           | 38   | 174                                  | 13   |
| 1986 | 1 191         | 36   | 208                                  | 13   |
| 1987 | 1 467         | 32   | 343                                  | 12   |
| 1988 | 1 853         | 29   | 457                                  | 11   |
| 1989 | 2 172         | 29   | 591                                  | 11   |
| 1990 | 2 711         | 28   | 732                                  | 11   |
| 1991 | 3 187         | 26   | 906                                  | 9    |
| 1992 | 4 217         | 24   | 1 001                                | 9    |
| 1993 | 4 723         | 22   | 1 189                                | 7    |
| 1994 | 5 775         | 20   | 1 443                                | 7    |
| 1995 | 6 630         | 19   | 1 620                                | 7    |
| 1996 | 7 488         | 19   | 1 897                                | 7    |
| 1997 | 7 832         | 19   | 2 057                                | 7    |
| 1998 | 8 716         | 19   | 3 100                                | 7    |
| 1999 | 9 097         | 18   | 3 693                                | 5    |
| 2000 | 9 335         | 19   | 4 667                                | 4    |
| 2001 | 10 767        | 17   | 5 371                                | 4    |
| 2002 | 10 983        | 18   | 5 431                                | 4    |
| 2003 | 12 456        | 18   | 5 298                                | 4    |
| 2004 | 12 947        | 18   | 5 938                                | 4    |
| 2005 | 15 671        | 18   | 5 118                                | 4    |
| 2006 | 16 545        | 17   | 6 361                                | 4    |

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 |
| 1978 | 8 761           | 5 741   | 3 020     | 1 794           | 764     | 1 030     |
| 1979 | 10 411          | 6 520   | 3 891     | 3 689           | 1 523   | 2 166     |
| 1980 | 13 016          | 8 490   | 4 526     | 6 633           | 2 770   | 3 863     |
| 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 | 72 082          | 43 020  | 29 062    | 49 610          | 33 517  | 16 093    |
| 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    |

**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 (%) |
| 1978 | 57.56                  | 52.71               | 11.58                  | 8.71                |
| 1979 | 58.58                  | 53.45               | 10.38                  | 8.03                |
| 1980 | 58.85                  | 54.61               | 9.91                   | 7.42                |
| 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               |

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

Numbers

| Year | Public libraries | Books published <sup>1</sup> | Publishing Industries |                                |                                  |                 |                   |
|------|------------------|------------------------------|-----------------------|--------------------------------|----------------------------------|-----------------|-------------------|
|      |                  |                              | Total                 | Newspaper & Related Publishing | Periodical & Magazine Publishing | Book Publishing | Other Publishings |
| 1978 | 110              | 9 416                        | -                     | -                              | -                                | -               | -                 |
| 1979 | 112              | 9 520                        | -                     | -                              | -                                | -               | -                 |
| 1980 | 146              | 8 876                        | -                     | -                              | -                                | -               | -                 |
| 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 | 370              | 26 084                       | 2 263                 | 113                            | 838                              | 963             | 349               |
| 1996 | 414              | 24 876                       | 2 326                 | 121                            | 817                              | 1 039           | 349               |
| 1997 | 425              | 23 801                       | 2 387                 | 117                            | 758                              | 1 137           | 375               |
| 1998 | 408              | 30 868                       | 2 484                 | 119                            | 757                              | 1 242           | 366               |
| 1999 | 421              | 30 871                       | 2 639                 | 164                            | 803                              | 1 289           | 383               |
| 2000 | 468              | 34 533                       | 2 775                 | 184                            | 822                              | 1 363           | 406               |
| 2001 | 506              | 36 546                       | 2 853                 | 190                            | 820                              | 1 409           | 434               |
| 2002 | 512              | 38 953                       | 2 993                 | 195                            | 835                              | 1 503           | 460               |
| 2003 | 506              | 39 138                       | 3 133                 | 195                            | 852                              | 1 587           | 499               |
| 2004 | 510              | 39 882                       | 3 286                 | 200                            | 890                              | 1 665           | 531               |
| 2005 | 516              | 41 966                       | 3 443                 | 192                            | 944                              | 1 739           | 568               |
| 2006 | 525              | 42 281                       | 3 453                 | 173                            | 939                              | 1 763           | 578               |
| 2007 | 547              | 42 018                       | 3 512                 | 190                            | 959                              | 1 772           | 591               |

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

Table 60. General condition of

| Year and locality | Total | By category of law |           |                      |              |              |              | Old House |
|-------------------|-------|--------------------|-----------|----------------------|--------------|--------------|--------------|-----------|
|                   |       | National           | Municipal | Counties<br>(Cities) | 1st<br>Class | 2nd<br>Class | 3rd<br>Class |           |
| 2003              | 555   | 16                 | 74        | 169                  | 24           | 50           | 222          | 53        |
| 2004              | 592   | 16                 | 89        | 191                  | 24           | 50           | 222          | 58        |
| 2005              | 616   | 19                 | 93        | 208                  | 24           | 50           | 222          | 62        |
| 2006              | 648   | 89                 | 141       | 418                  | -            | -            | -            | 81        |
| 2007              | 670   | 87                 | 149       | 434                  | -            | -            | -            | 89        |
| Taiwan Province   | 462   | 65                 | 0         | 397                  | -            | -            | -            | 42        |
| Taipei County     | 56    | 6                  | 0         | 50                   | -            | -            | -            | 9         |
| Yilan County      | 27    | 0                  | 0         | 27                   | -            | -            | -            | 3         |
| Taoyuan County    | 10    | 1                  | 0         | 9                    | -            | -            | -            | 1         |
| Hsinchu County    | 21    | 1                  | 0         | 20                   | -            | -            | -            | 5         |
| Miaoli County     | 8     | 1                  | 0         | 7                    | -            | -            | -            | 1         |
| Taichung County   | 16    | 1                  | 0         | 15                   | -            | -            | -            | 5         |
| Changhwa County   | 35    | 6                  | 0         | 29                   | -            | -            | -            | 4         |
| Nantou County     | 13    | 1                  | 0         | 12                   | -            | -            | -            | 0         |
| Yunlin County     | 10    | 1                  | 0         | 9                    | -            | -            | -            | 0         |
| Chiayi County     | 9     | 2                  | 0         | 7                    | -            | -            | -            | 0         |
| Tainan County     | 14    | 2                  | 0         | 12                   | -            | -            | -            | 1         |
| Kaohsiung County  | 21    | 2                  | 0         | 19                   | -            | -            | -            | 0         |
| Pingtung County   | 18    | 3                  | 0         | 15                   | -            | -            | -            | 1         |
| Taitung County    | 0     | 0                  | 0         | 0                    | -            | -            | -            | 0         |
| Hwalien County    | 6     | 0                  | 0         | 6                    | -            | -            | -            | 1         |
| Penghu County     | 23    | 8                  | 0         | 15                   | -            | -            | -            | 2         |
| Keelung City      | 12    | 3                  | 0         | 9                    | -            | -            | -            | 3         |
| Hsinchu City      | 23    | 5                  | 0         | 18                   | -            | -            | -            | 1         |
| Taichung City     | 13    | 1                  | 0         | 12                   | -            | -            | -            | 1         |
| Chiayi City       | 14    | 1                  | 0         | 13                   | -            | -            | -            | 0         |
| Tainan City       | 113   | 20                 | 0         | 93                   | -            | -            | -            | 4         |
| Taipei City       | 140   | 11                 | 129       | 0                    | -            | -            | -            | 32        |
| Kaohsiung City    | 22    | 2                  | 20        | 0                    | -            | -            | -            | 2         |
| Fukien Province   | 46    | 9                  | 0         | 37                   | -            | -            | -            | 13        |
| Kinmen County     | 43    | 8                  | 0         | 35                   | -            | -            | -            | 13        |
| Lienchiang County | 3     | 1                  | 0         | 2                    | -            | -            | -            | 0         |

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

**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 |
| 167      | 16             | 15                 | 20                                       | 14          | 5      | 15                 | 13     | 5           | 7      | 225    |
| 173      | 17             | 15                 | 20                                       | 14          | 5      | 17                 | 15     | 5           | 9      | 244    |
| 174      | 17             | 16                 | 20                                       | 14          | 7      | 21                 | 15     | 5           | 9      | 256    |
| 186      | 17             | 16                 | 23                                       | 13          | 9      | 26                 | 23     | 5           | 9      | 240    |
| 188      | 16             | 17                 | 23                                       | 12          | 7      | 26                 | 16     | 5           | 10     | 261    |
| 159      | 14             | 11                 | 20                                       | 11          | 5      | 13                 | 13     | 2           | 9      | 163    |
| 10       | 0              | 0                  | 2  | 2           | 1      | 2                  | 7      | 0           | 2      | 21     |
| 6        | 0              | 1                  | 0  | 0           | 2      | 0                  | 2      | 0           | 4      | 9      |
| 8        | 0              | 0                  | 0  | 0           | 0      | 0                  | 0      | 1           | 0      | 0      |
| 15       | 0              | 0                  | 0  | 0           | 0      | 0                  | 0      | 0           | 0      | 1      |
| 2        | 0              | 1                  | 0  | 0           | 0      | 0                  | 0      | 0           | 1      | 3      |
| 2        | 0              | 1                  | 0  | 1           | 0      | 1                  | 0      | 0           | 0      | 6      |
| 26       | 0              | 0                  | 0  | 2           | 0      | 0                  | 0      | 0           | 0      | 3      |
| 3        | 0              | 0                  | 0  | 3           | 0      | 0                  | 0      | 0           | 1      | 6      |
| 5        | 0              | 0                  | 0  | 1           | 0      | 1                  | 0      | 0           | 0      | 2      |
| 8        | 0              | 0                  | 0  | 0           | 0      | 0                  | 0      | 0           | 0      | 1      |
| 10       | 0              | 0                  | 0  | 0           | 0      | 0                  | 0      | 0           | 0      | 3      |
| 2        | 2              | 0                  | 0  | 1           | 0      | 0                  | 0      | 0           | 0      | 16     |
| 7        | 1              | 0                  | 4  | 1           | 1      | 0                  | 0      | 0           | 1      | 2      |
| 0        | 0              | 0                  | 0  | 0           | 0      | 0                  | 0      | 0           | 0      | 0      |
| 1        | 0              | 1                  | 0  | 0           | 0      | 1                  | 2      | 0           | 0      | 0      |
| 6        | 2              | 0                  | 4  | 0           | 0      | 0                  | 2      | 1           | 0      | 6      |
| 0        | 0              | 0                  | 6  | 0           | 0      | 1                  | 0      | 0           | 0      | 2      |
| 7        | 1              | 4                  | 0  | 0           | 0      | 2                  | 0      | 0           | 0      | 8      |
| 6        | 0              | 0                  | 0  | 0           | 0      | 2                  | 0      | 0           | 0      | 4      |
| 3        | 0              | 0                  | 0  | 0           | 1      | 0                  | 0      | 0           | 0      | 10     |
| 32       | 8              | 3                  | 4  | 0           | 0      | 3                  | 0      | 0           | 0      | 59     |
| 18       | 1              | 3                  | 1  | 1           | 2      | 9                  | 0      | 0           | 0      | 73     |
| 3        | 1              | 0                  | 2  | 0           | 0      | 3                  | 0      | 1           | 0      | 10     |
| 8        | 0              | 3                  | 0  | 0           | 0      | 1                  | 3      | 2           | 1      | 15     |
| 8        | 0              | 3                  | 0  | 0           | 0      | 1                  | 2      | 0           | 1      | 15     |
| 0        | 0              | 0                  | 0  | 0           | 0      | 0                  | 1      | 2           | 0      | 0      |

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

N.T. Dollars

| Year | Total  | Traveling | Recreational and cultural services | Facilities and attachments | Newspapers, magazines and stationery |
|------|--------|-----------|------------------------------------|----------------------------|--------------------------------------|
| 1993 | 9 115  | 4 986     | 1 364                              | 1 620                      | 1 145                                |
| 1994 | 10 604 | 5 683     | 1 765                              | 1 869                      | 1 287                                |
| 1995 | 11 330 | 6 102     | 1 968                              | 1 959                      | 1 301                                |
| 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                                |

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

| Year | Park, Green Area, Play Ground, Athletic Complex & Square (Hectares) |                            | Recreational apparatuses (per 100 Households) |         |                   |          |         |
|------|---|----------------------------|---|---------|-------------------|----------|---------|
|      | Total area  | Area per 10 000 population | Color television sets                         | Videos  | Personal computer | Cable TV | Pianos  |
| 1993 | 57 696  | 27.55                      | 99.25   | 69.24   | 13.56             | -        | 10.93   |
| 1994 | 57 841  | 27.38                      | 99.36   | 66.40   | 15.29             | 43.37    | 11.37   |
| 1995 | 57 750  | 27.11                      | 99.29   | 62.19   | 18.54             | 54.15    | 11.77   |
| 1996 | 58 748  | 27.29                      | 99.32   | 58.60   | 22.56             | 59.57    | 11.40   |
| 1997 | 60 689  | 27.91                      | 99.47   | 57.07   | 28.39             | 65.97    | 11.44   |
| 1998 | 60 977  | 27.81                      | 99.17   | 55.22   | 32.31             | 68.09    | 11.59   |
| 1999 | 61 002  | 27.61                      | 99.31   | 50.72   | 38.92             | 67.87    | 11.00   |
| 2000 | 71 963  | 32.30                      | 99.45   | 46.72   | 46.49             | 71.96    | 10.80   |
| 2001 | 4 056   | 2.31                       | 99.29   | 43.12   | 50.86             | 72.34    | 10.92   |
| 2002 | 4 130   | 2.34                       | 99.56   | 37.89   | 56.80             | 74.81    | 11.64   |
| 2003 | 4 439   | 2.53                       | 99.51   | 29.20   | 58.74             | 76.12    | 10.71   |
| 2004 | 4 705   | 2.65                       | 99.47   | 25.42   | 62.37             | 78.53    | 11.06   |
| 2005 | 4 785   | 2.67                       | 99.46   | 22.49   | 63.15             | 79.02    | 11.42   |
| 2006 | ① 5 027   | 2.80                       | 99.55   | ① 20.74 | 66.12             | 79.82    | ① 11.29 |
| 2007 | 5 534   | 3.00                       | 99.37   | -       | 67.13             | 79.93    | 10.58   |

**Note :** 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 AND ENVIRONMENT

The chapter is concerned with information on public health and environments in our country. On the front of public health, this chapter 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 official statistics contained in the *Health and Vital Statistics*, an annual report published by the Department of Health. Data on nutrient supply are obtained from the *Taiwan Agriculture Yearbook* published by the Council of Agriculture. On the front of environment, this chapter includes information of air pollution, pollution of rivers, environmental noise monitoring, Clearance of municipal solid waste, expenditure of departments of environment protection, natural protected area and water withdrawal. Data on environment come from the official statistics contained in the *Yearbook of Environmental Protection Statistics* published by the Environmental Protection Administration, and data on natural protected area and water withdrawal are from the Council of Agriculture and Water Resources Agency, MEA. respectively.

The scope of data on medical care facilities covered only public medical care institutions owned by provincial and country/city governments before 1971. Public and private medical care institutions in Taiwan Area have been included in the statistics since 1971, with the health offices under the jurisdiction of the Taiwan Provincial Government excluded beginning 1987. The classification standards for major causes of death is based on the *International Statistical Classification of Diseases, Injuries, and Causes of Death* published in 1975 by the World Health Organization. The hospital beds include those for abrupt and chronic diseases. The nutrient supply is derived from the nutrients contained in the foods taken each day by each person.

Pollutants Standard Index (PSI) -- The procedure to calculate the PSI follows: First, each of the air pollutants -- including suspended particulate with a diameter less than  $10\mu\text{m}$ , sulfur dioxide density, nitrogen dioxide density, carbon monoxide density, and ozone density -- monitored in the air by one of the 19 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  
(Under conditions of 25°C and 760 mm Hg)**

| PSI value | 24-hr.<br>PM <sub>10</sub> | 24-hr.<br>SO <sub>2</sub> |      | 8-hr.<br>CO              |     | 1-hr.<br>O <sub>3</sub>  |      | 1-hr.<br>NO <sub>2</sub> |     |
|-----------|----------------------------|---------------------------|------|--------------------------|-----|--------------------------|------|--------------------------|-----|
|           | $\mu\text{g}/\text{m}^3$   | $\mu\text{g}/\text{m}^3$  | ppm  | $\mu\text{g}/\text{m}^3$ | ppm | $\mu\text{g}/\text{m}^3$ | ppm  | $\mu\text{g}/\text{m}^3$ | ppm |
| 50        | 50                         | 80                        | 0.03 | 5                        | 4.5 | 120                      | 0.06 | -                        | -   |
| 100       | 150                        | 365                       | 0.14 | 10                       | 9   | 235                      | 0.12 | -                        | -   |
| 200       | 350                        | 800                       | 0.30 | 17                       | 15  | 400                      | 0.2  | 1130                     | 0.6 |
| 300       | 420                        | 1600                      | 0.60 | 34                       | 30  | 800                      | 0.4  | 2260                     | 1.2 |
| 400       | 500                        | 2100                      | 0.80 | 46                       | 40  | 1000                     | 0.5  | 3000                     | 1.6 |
| 500       | 600                        | 2620                      | 1.00 | 58                       | 50  | 1200                     | 0.6  | 3750                     | 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 (S.S.), and ammonium nitrate (NH<sub>3</sub>-N) found in water.

### Level of river pollution

| Category                | Degree        | Non -<br>polluted | Light -<br>polluted | Medium -<br>polluted | Heavy -<br>polluted |
|-------------------------|---------------|-------------------|---------------------|----------------------|---------------------|
| <b>DO</b>               | <b>(mg/l)</b> | Over 6.5          | 4.6 ~ 6.5           | 2.0 ~ 4.5            | Under 2.0           |
| <b>BOD<sub>5</sub></b>  | <b>(mg/l)</b> | Under 3.0         | 3.0 ~ 4.9           | 5.0 ~ 15             | Over 15             |
| <b>S.S.</b>             | <b>(mg/l)</b> | Under 20          | 20 ~ 49             | 50 ~ 100             | Over 100            |
| <b>NH<sub>3</sub>-N</b> | <b>(mg/l)</b> | Under 0.5         | 0.5 ~ 0.99          | 1 ~ 3                | Over 30             |
| <b>Points</b>           |               | 1                 | 3                   | 6                    | 10                  |
| <b>Average</b>          |               | Under 2.0         | 1 ~ 3               | 3.1 ~ 6              | 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".

Environmental Noise Monitoring -- The value of noise monitored, also called "average noise", refers to the average of noises detected in a given period of time. It is calculated for each of the four controlled areas which are defined as follows:

1st Class Control Area: Referring to the residential community which badly required serenity.

2nd Class Control Area: Referring to an area, mainly used for residential purpose, requiring relative serenity.

3rd Class Control Area: Referring to an area used for a combination of industrial, commercial, and residential purposes where serenity is required for the residential part.

4th Class Control Area: Referring to an industrial area where noises need to be controlled to prevent from disturbing the neighboring residences.

For additional information on public health, please refer to the *Report on Morbidity Survey in Public and Private Hospitals Clinics, Taiwan Area, R.O.C.* published by the Department of Health. For additional information on environments, please refer to the *Environmental Protection Statistics Monthly, Taiwan Area, the Republic of China* and *Information on Twiwan Environment, R.O.C.* published by the Environmental Protection Administration, Executive Yuan.



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

| End of Year | Medical care facilities <sup>1,2</sup> |                                   |                                | Beds <sup>1</sup>  |   |
|-------------|--|-----------------------------------|--------------------------------|--------------------|---|
|             | 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) |                    |   |
| 1978        | 9 919                                  | 3.63                              | 1 728                          | 36 552             | 21.33                                   |
| 1979        | 10 406                                 | 3.46                              | 1 680                          | 36 315             | 20.78                                   |
| 1980        | 10 864                                 | 3.31                              | 1 639                          | 39 534             | 22.22                                   |
| 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        | 12 533                                 | 2.87                              | 1 552                          | 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                          | 121 483            | 55.87                                   |
| 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                                 | 1.81                              | 1 154                          | 150 628            | 65.61                                   |

**Notes :** <sup>1</sup> Figures before 1971 were the numbers of provincial, county and city medical facilities and their beds; while figures after 1971 were the numbers of public and private hospitals and clinics and their beds.

<sup>2</sup> According to the Medical Practice Law, the number of medicare offices are excluded since 1987.

<sup>3</sup> Data included Taiwan-Fukien area beginning 1994.

Table 64. Number of health personnel

%

| End of Year | Number of health personnel |            |          |                             |        |  |  |        |
|-------------|----------------------------|------------|----------|-----------------------------|--------|--|--|--------|
|             | Total<br>(persons)         | Physicians | Dentists | Pharmacists<br>& assistants | Nurses | Medical<br>laboratory<br>technicians<br>& assistants | Medical<br>radiation<br>technologists<br>& technicians | Others |
| 1978        | 36 191                     | 34.50      | 4.37     | 25.65                       | 26.94  | -  | -  | 8.54   |
| 1979        | 39 614                     | 33.24      | 4.48     | 26.13                       | 28.41  | -  | -  | 7.73   |
| 1980        | 42 417                     | 31.44      | 4.50     | 28.13                       | 27.49  | 1.16   | -  | 7.27   |
| 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                       | 53.00  | 3.56   | 1.96   | 4.46   |

Note : <sup>1</sup> 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.

<sup>2</sup> Data included Taiwan-Fukien area beginning 1994.

**Table 65. Health services in contracted medical institutions**

Persons

| Year | Preventive service of adult health check-up for NHI (%) |                       | Preventive service of child health check-up for NHI |               |           |           |
|------|---|-----------------------|---|---------------|-----------|-----------|
|      | 40-64 years   | 65 <sup>+</sup> years | %   | Number        |           |           |
|      |   |                       |   | under 1 years | 1-3 years | 3-7 years |
| 2000 | 12.27   | 33.47                 | 65.67   | 719 660       | 203 623   | 60 552    |
| 2001 | 13.65   | 37.53                 | 74.16   | 518 628       | 144 838   | 36 599    |
| 2002 | 14.06   | 41.17                 | 77.88   | 740 118       | 251 703   | 89 560    |
| 2003 | 14.39   | 40.84                 | 78.38   | 714 758       | 221 415   | 90 534    |
| 2004 | 14.37   | 38.87                 | 62.21   | 393 856       | 326 772   | 179 277   |
| 2005 | 11.98   | 36.23                 | 74.48   | 626 961       | 559 131   | 257 093   |
| 2006 | 11.37   | 35.86                 | 86.32   | 716 974       | 640 397   | 269 982   |

| Year | O.P.D Examination                        |                       | Type of childbirth |                        |                  | Pap smear examination |              |
|------|--|-----------------------|--------------------|------------------------|------------------|-----------------------|--------------|
|      | NO. of person received first examination | 34 <sup>+</sup> years | Total              | Spontaneous childbirth | Cesarean section | Number                | Use rate (%) |
|      |  |                       |                    |                        |                  |                       |              |
| 2000 | 272 936                                  | 36 221                | 275 526            | 182 338                | 93 188           | Ⓘ 2 013 519           | 34.97        |
| 2001 | 244 665                                  | 23 057                | 238 551            | 159 296                | 79 255           | Ⓘ 1 942 521           | 32.86        |
| 2002 | 214 708                                  | 29 392                | 228 220            | 152 426                | 75 794           | Ⓘ 1 934 931           | 31.98        |
| 2003 | 117 846                                  | 18 902                | 213 606            | 143 977                | 69 629           | Ⓘ 1 699 516           | 27.39        |
| 2004 | 186 841                                  | 16 378                | 209 783            | 141 824                | 67 959           | Ⓘ 1 851 122           | 29.13        |
| 2005 | 212 873                                  | 20 814                | 199 729            | 133 675                | 66 054           | 1 718 601             | 26.39        |
| 2006 | 252 370                                  | 29 512                | 198 334            | 131 816                | 66 518           | 1 943 181             | 29.05        |

Table 66. Death rates of the leading

| Year | Death rates by the  |               |                         |                   |          |
|------|---------------------|---------------|-------------------------|-------------------|----------|
|      | Malignant neoplasms | Heart disease | Cerebrovascular disease | Diabetes mellitus | Accident |
| 1978 | 70.28               | 38.73         | 78.00                   | 6.49              | 60.87    |
| 1979 | 70.58               | 40.64         | 75.51                   | 6.95              | 64.40    |
| 1980 | 75.09               | 43.37         | 75.35                   | 7.91              | 63.99    |
| 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 | 85.55               | 51.42         | 76.78                   | 15.34             | 62.96    |
| 1987 | 88.64               | 57.30         | 73.99                   | 16.80             | 66.57    |
| 1988 | 92.14               | 54.76         | 76.14                   | 19.62             | 69.38    |
| 1989 | 94.36               | 53.48         | 72.28                   | 19.33             | 70.22    |
| 1990 | 91.63               | 56.87         | 70.06                   | 19.57             | 68.85    |
| 1991 | 95.97               | 58.79         | 69.11                   | 20.58             | 66.66    |
| 1992 | 101.47              | 62.91         | 69.35                   | 23.66             | 63.68    |
| 1993 | 107.05              | 59.99         | 65.62                   | 25.74             | 63.65    |
| 1994 | 110.58              | 56.93         | 64.77                   | 28.90             | 62.69    |
| 1995 | 121.50              | 52.93         | 66.45                   | 33.97             | 61.05    |
| 1996 | 130.41              | 52.58         | 65.03                   | 35.10             | 57.93    |
| 1997 | 134.10              | 49.71         | 59.56                   | 34.67             | 52.22    |
| 1998 | 134.00              | 50.51         | 58.18                   | 34.49             | 50.25    |
| 1999 | 135.32              | 51.33         | 57.39                   | 40.99             | 58.88    |
| 2000 | 142.23              | 47.56         | 60.10                   | 42.60             | 47.40    |
| 2001 | 147.68              | 49.25         | 58.82                   | 40.79             | 42.58    |
| 2002 | 152.88              | 50.93         | 53.46                   | 39.26             | 37.79    |
| 2003 | 156.01              | 52.23         | 54.98                   | 44.38             | 36.30    |
| 2004 | 160.54              | 56.79         | 54.48                   | 40.58             | 37.33    |
| 2005 | 163.76              | 57.06         | 57.81                   | 46.20             | 36.80    |
| 2006 | 166.49              | 53.82         | 55.19                   | 42.46             | 35.10    |
| 2007 | 175.90              | 56.74         | 56.18                   | 44.64             | 31.11    |

Note : <sup>1</sup> The nephritis, nephrotic syndrome and nephrosis were named as the nephritis and nephrosis before 1981.

<sup>2</sup> Data included Taiwan-Fukien area beginning 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 <sup>1</sup> , Nephrotic Syndrome and Nephrosis | Suicide | Hypertensive disease |   |   |
| 18.71                                   | 17.22                               | 9.00  | 9.92    | 17.09                | 9.91  | 22.48   |
| 18.81                                   | 17.03                               | 7.82  | 9.91    | 17.86                | 9.55  | 17.28   |
| 19.25                                   | 16.92                               | 7.59  | 9.97    | 18.43                | 9.83  | 18.66   |
| 15.77                                   | 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                | 6.29  | 9.41  |
| 12.44                                   | 16.66                               | 10.80   | 9.46    | 15.76                | 5.08  | 8.94  |
| 13.08                                   | 17.85                               | 10.43   | 9.05    | 15.88                | 5.34  | 9.09  |
| 14.73                                   | 17.75                               | 10.47   | 7.86    | 14.83                | 5.71  | 12.72   |
| 16.60                                   | 17.82                               | 11.39   | 6.72    | 14.79                | 5.27  | 11.94   |
| 12.93                                   | 17.60                               | 12.35   | 7.16    | 12.18                | 5.05  | 7.78  |
| 14.07                                   | 18.15                               | 14.21   | 6.69    | 11.14                | 5.18  | 6.85  |
| 13.50                                   | 18.01                               | 13.71   | 6.24    | 10.96                | 4.80  | 8.92  |
| 13.71                                   | 19.74                               | 15.23   | 6.88    | 10.39                | 5.07  | 8.05  |
| 14.44                                   | 20.95                               | 16.55   | 7.61    | 12.30                | 6.43  | 7.59  |
| 14.92                                   | 21.50                               | 16.54   | 8.61    | 12.39                | 6.66  | 7.68  |
| 16.73                                   | 22.03                               | 16.20   | 10.04   | 12.07                | 6.35  | 9.20  |
| 20.37                                   | 22.62                               | 15.73   | 9.97    | 10.41                | 6.57  | 8.84  |
| 18.20                                   | 23.53                               | 15.78   | 10.36   | 8.43                 | 6.07  | 8.46  |
| 14.88                                   | 23.32                               | 17.45   | 11.14   | 7.22                 | 5.86  | 7.86  |
| 16.77                                   | 23.45                               | 18.15   | 12.45   | 7.90                 | 5.99  | 6.91  |
| 20.17                                   | 21.35                               | 18.55   | 13.59   | 8.67                 | 5.35  | 7.68  |
| 22.60                                   | 22.98                               | 19.08   | 14.16   | 8.17                 | 4.87  | 6.61  |
| 24.44                                   | 23.63                               | 20.67   | 15.31   | 7.97                 | 5.30  | 5.54  |
| 25.02                                   | 24.73                               | 21.21   | 18.84   | 8.32                 | 4.98  | 7.29  |
| 23.64                                   | 22.12                               | 20.65   | 19.30   | 7.96                 | 4.61  | 7.34  |
| 25.72                                   | 22.52                               | 22.25   | 17.16   | 8.63                 | 4.70  | 6.80  |

Table 67. Daily nutrient

| Year | Energy<br>(Calories) | Protein<br>(Grams) | Fat<br>(Grams) | Carbohydrate<br>(Grams) | Calcium<br>(Milligrams) |
|------|----------------------|--------------------|----------------|-------------------------|-------------------------|
| 1977 | 2 804.6              | 76.6               | 77.5           | 436.7                   | 444.6                   |
| 1978 | 2 822.1              | 77.0               | 81.3           | 433.3                   | 468.9                   |
| 1979 | 2 845.1              | 78.7               | 84.3           | 431.6                   | 475.1                   |
| 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 | 3 021.7              | 96.7               | 123.7          | 370.0                   | 601.3                   |
| 2001 | 2 879.8              | 92.4               | 117.2          | 352.5                   | 576.8                   |
| 2002 | ① 2 934.7            | 95.3               | ① 124.6        | 352.9                   | ① 614.5                 |
| 2003 | ① 2 977.5            | ① 96.6             | 124.9          | ① 361.5                 | ① 600.6                 |
| 2004 | ① 2 889.2            | ① 91.9             | 119.9          | ① 355.1                 | ① 577.5                 |
| 2005 | 2 954.5              | ① 91.6             | 126.7          | ① 355.9                 | ① 572.6                 |
| 2006 | 2 889.0              | 92.1               | 121.0          | 351.1                   | 580.2                   |

**consumption per capita**

| Phosphorus<br>(Milligrams) | Iron<br>(Milligrams) | Vitamin A value<br>(International<br>unit) | Thiamine<br>(Milligrams) | Riboflavin<br>(Milligrams) | Niacin value<br>(Milligrams) | Ascorbic acid<br>(Milligrams) |
|----------------------------|----------------------|--|--------------------------|----------------------------|------------------------------|-------------------------------|
| 1 257.1                    | 13.1                 | 5 182.3                                    | 1.6                      | 0.9                        | 16.2                         | 121.6                         |
| 1 246.4                    | 13.2                 | 5 108.5                                    | 1.6                      | 0.9                        | 15.8                         | 121.0                         |
| 1 275.0                    | 13.8                 | 6 069.1                                    | 1.7                      | 1.0                        | 16.4                         | 132.4                         |
| 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                         |
| 1 308.4                    | 13.2                 | 8 697.6                                    | 1.6                      | 1.6                        | 17.1                         | 150.9                         |
| 1 245.6                    | 12.7                 | 8 327.3                                    | 1.5                      | 1.5                        | 16.4                         | 149.0                         |
| Ⓘ 1 299.2                  | 13.9                 | Ⓘ 9 069.9                                  | 1.6                      | 1.6                        | 16.9                         | 160.6                         |
| Ⓘ 1 282.9                  | 14.1                 | Ⓘ 8 682.0                                  | 1.6                      | 1.5                        | 16.9                         | Ⓘ 156.3                       |
| Ⓘ 1 227.5                  | 13.5                 | Ⓘ 8 517.8                                  | 1.6                      | 1.5                        | 16.3                         | Ⓘ 153.5                       |
| Ⓘ 1 205.1                  | Ⓘ 13.6               | Ⓘ 8 195.8                                  | 1.5                      | 1.4                        | 15.5                         | Ⓘ 140.8                       |
| 1 218.9                    | 13.6                 | 8 567.0                                    | 1.6                      | 1.5                        | 15.7                         | 152.2                         |

Table 68. Number of patients of notifiable diseases

| End of Year | Persons      |           |                             |                       |               |       |              |
|-------------|--------------|-----------|-----------------------------|-----------------------|---------------|-------|--------------|
|             | Tuberculosis | Dysentery | Typhoid & paratyphoid fever | Acute viral hepatitis | Scarlet fever | AIDS  | Dengue fever |
| 1978        | -            | 3         | 70                          | 1                     | -             | -     | -            |
| 1979        | -            | 8         | 65                          | 2                     | -             | -     | -            |
| 1980        | -            | 5         | 159                         | -                     | -             | -     | -            |
| 1981        | -            | 26        | 76                          | -                     | -             | -     | -            |
| 1982        | -            | 84        | 166                         | -                     | -             | -     | -            |
| 1983        | -            | 130       | 179                         | -                     | -             | -     | -            |
| 1984        | -            | 68        | 132                         | -                     | -             | -     | -            |
| 1985        | -            | 258       | 144                         | -                     | -             | -     | -            |
| 1986        | 7 243        | 101       | 71                          | 116                   | 5             | -     | -            |
| 1987        | 7 154        | 126       | 80                          | 181                   | 27            | -     | 527          |
| 1988        | 6 501        | 192       | 98                          | 161                   | 20            | -     | 4 389        |
| 1989        | 7 351        | 218       | 105                         | 112                   | 27            | 9     | 35           |
| 1990        | 7 329        | 141       | 81                          | 90                    | 55            | 7     | 10           |
| 1991        | 7 107        | 107       | 68                          | 207                   | 15            | 18    | 175          |
| 1992        | 11 765       | 116       | 89                          | 255                   | 34            | 22    | 23           |
| 1993        | 10 456       | 588       | 42                          | 19                    | 11            | 36    | 13           |
| 1994        | 10 346       | 220       | 48                          | 410                   | 219           | 65    | 244          |
| 1995        | 10 836       | 573       | 47                          | 958                   | 105           | 100   | 364          |
| 1996        | 12 579       | 263       | 68                          | 560                   | 199           | 162   | 53           |
| 1997        | 16 854       | 426       | 54                          | 511                   | 169           | 135   | 76           |
| 1998        | 18 351       | 446       | 78                          | 576                   | 232           | 155   | 334          |
| 1999        | 12 344       | 265       | 60                          | 485                   | 166           | 180   | 65           |
| 2000        | 15 767       | 643       | 46                          | 298                   | 511           | 181   | 140          |
| 2001        | 14 486       | 1 630     | 70                          | 769                   | 568           | 165   | 270          |
| 2002        | 16 758       | 725       | 72                          | 806                   | 1 032         | 177   | 5 388        |
| 2003        | 14 074       | 367       | 55                          | 338                   | 640           | 225   | 145          |
| 2004        | 17 142       | 252       | 57                          | 807                   | 759           | 257   | 427          |
| 2005        | 11 836       | 294       | 48                          | 785                   | 1 132         | 506   | 306          |
| 2006        | ① 15 378     | 264       | 53                          | 613                   | 1 130         | 579   | 1 074        |
| 2007        | 14 499       | 391       | 40                          | 581                   | 651           | 1 072 | 2 179        |



**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) |
|-------------|---------------------------|--|--|
| 1978        | 21 101                    | 0.6  | 1.2  |
| 1979        | 21 101                    | 0.6  | 1.2  |
| 1980        | 21 391                    | 0.6  | 1.2  |
| 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        | 458 890                   | 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   |

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

Nature protected areas include marine area 11.74 ha ; wildlife refuges and major wildlife habitats include marine area 295.88 ha each. Respectively. National Parks include marine area 368,700.04 ha. in 2007.

Table 70. Concentration

| Year | Dustfall<br>(Ton/Km <sup>2</sup> /Month) | Total suspended<br>particulates ( $\mu\text{g}/\text{m}^3$ ) | Suspended particulates<br>( $\mu\text{g}/\text{m}^3$ ) | Sulfur Dioxide |
|------|--|--|--|----------------|
| 1998 | 6.49                                     | 103.54   | 58.15  | 5.751          |
| 1999 | 5.68                                     | 101.53   | 59.95  | 5.275          |
| 2000 | 5.26                                     | 97.23  | 59.37  | 4.273          |
| 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          |

Note : Data referred to general air quality monitoring stations.

Table 71. Pollutant

| Year | Number of<br>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<br>unhealthful<br>201-300 | Hazardous<br>$\geq 301$ |   |
| 1993 | 4 758                                    | 769          | 3 600              | 384                    | 5                              | 0                       | 8.2   |
| 1994 | 19 910                                   | 6 653        | 11 866             | 1 389                  | 2                              | 0                       | 7.0   |
| 1995 | 19 952                                   | 7 168        | 11 567             | 1 214                  | 3                              | 0                       | 6.1   |
| 1996 | 20 692                                   | 8 209        | 11 123             | 1 351                  | 9                              | 0                       | 6.6   |
| 1997 | 20 688                                   | 8 341        | 11 216             | 1 126                  | 5                              | 0                       | 5.5   |
| 1998 | 20 722                                   | 9 813        | 9 863              | 1 042                  | 4                              | 0                       | 5.1   |
| 1999 | 20 647                                   | 9 557        | 10 035             | 1 054                  | 1                              | 0                       | 5.1   |
| 2000 | 20 760                                   | 9 609        | 10 101             | 1 050                  | 0                              | 0                       | 5.1   |
| 2001 | 20 699                                   | 8 985        | 11 011             | 703                    | 0                              | 0                       | 3.4   |
| 2002 | 20 722                                   | 8 738        | 11 321             | 662                    | 1                              | 0                       | 3.2   |
| 2003 | 20 195                                   | 8 551        | 11 117             | 527                    | 0                              | 0                       | 2.6   |
| 2004 | 20 598                                   | 7 950        | 11 700             | 948                    | 0                              | 0                       | 4.6   |
| 2005 | 20 713                                   | 8 236        | 11 554             | 921                    | 2                              | 0                       | 4.5   |
| 2006 | 20 760                                   | 8 578        | 11 319             | 863                    | 0                              | 0                       | 4.2   |
| 2007 | 20 759                                   | 8 444        | 11 481             | 831                    | 3                              | 0                       | 4.0   |

Note : Data referred to general air quality monitoring stations.

**of air pollutants**

ppb

| Carbon monoxide | Nitrogen dioxide | Hydrocarbons<br>(Non-methane) | Ozone  |
|-----------------|------------------|-------------------------------|--------|
| 808.07          | 23.025           | 412.66                        | 52.822 |
| 743.44          | 22.735           | 372.45                        | 54.052 |
| 696.82          | 21.639           | 303.39                        | 53.683 |
| 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           | 258.07                        | 59.739 |
| 511.44          | 17.868           | 267.76                        | 60.126 |

**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<br>monoxide | Ozone | Nitrogen<br>dioxide |
|------------------------|----------------|--------------------|-------|---------------------|
| 69.7                   | 2.0            | 19.8               | 8.5   | 0                   |
| 75.9                   | 0              | 0                  | 24.0  | 0                   |
| 71.5                   | 0              | 0                  | 28.5  | 0                   |
| 61.0                   | 0              | 0                  | 39.0  | 0                   |
| 44.7                   | 0              | 0                  | 55.3  | 0                   |
| 42.7                   | 0              | 0                  | 57.3  | 0                   |
| 43.2                   | 0              | 0                  | 56.8  | 0                   |
| 60.1                   | 0              | 0                  | 39.9  | 0                   |
| 36.8                   | 0              | 0                  | 63.2  | 0                   |
| 21.4                   | 0              | 0                  | 78.6  | 0                   |
| 23.7                   | 0              | 0                  | 76.3  | 0                   |
| 32.8                   | 0              | 0                  | 67.2  | 0                   |
| 42.6                   | 0              | 0                  | 57.4  | 0                   |
| 40.8                   | 0              | 0                  | 59.2  | 0                   |
| 25.9                   | 0              | 0                  | 74.1  | 0                   |

Table 72. General quality of major rivers

| mg/l              |     |                  |         |                    |
|-------------------|-----|------------------|---------|--------------------|
| Year and river    | DO  | BOD <sub>5</sub> | S.S.    | NH <sub>3</sub> -N |
| 1993              | 6.1 | 8.1              | 63.9    | 3.0                |
| 1994              | 6.3 | 6.5              | 94.0    | 2.8                |
| 1995              | 6.2 | 8.2              | 176.7   | 3.3                |
| 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              | 7.7 | 3.2              | 150.0   | 1.7                |
| 2007              | 7.7 | 3.0              | 200.4   | 2.2                |
| Lanyang stream    | 8.4 | 1.2              | 612.9   | 0.2                |
| Danshui river     | 5.8 | 3.7              | 380.5   | 2.0                |
| Touchien stream   | 9.3 | 1.0              | 79.6    | 0.1                |
| Houlung stream    | 8.2 | 3.3              | 32.6    | 0.4                |
| Taan stream       | 8.7 | 1.2              | 187.0   | 0.1                |
| Tachia stream     | 8.8 | 2.7              | 146.5   | 0.1                |
| Wu stream         | 8.9 | 1.0              | 688.6   | 0.3                |
| Choshui stream    | 8.4 | 1.0              | 1 628.0 | 0.2                |
| Peikang stream    | 4.8 | 6.4              | 217.8   | 3.8                |
| Potzu stream      | 6.9 | 3.6              | 80.5    | 5.5                |
| Pachang stream    | 7.7 | 2.7              | 131.1   | 1.5                |
| Chishui stream    | 3.3 | 7.4              | 98.1    | 3.8                |
| Tsengwen stream   | 7.9 | 2.6              | 79.1    | 0.2                |
| Yenshui stream    | 5.0 | 10.0             | 55.4    | 4.9                |
| Erhjen stream     | 4.6 | 8.0              | 248.3   | 13.8               |
| Kaoping stream    | 7.2 | 2.9              | 206.3   | 1.9                |
| Tungkang stream   | 3.9 | 3.6              | 30.0    | 3.1                |
| Szuchung stream   | 8.8 | 0.7              | 18.1    | 0.0                |
| Peinan stream     | 8.7 | 0.5              | 207.4   | 0.1                |
| Hsiukuluan stream | 8.8 | 0.9              | 304.0   | 0.1                |
| Hualien stream    | 8.8 | 0.6              | 167.6   | 0.1                |

Table 73. Pollution level of major rivers

| Year and river    | %            |                |                 |                |
|-------------------|--------------|----------------|-----------------|----------------|
|                   | Non-polluted | Light-polluted | Medium-polluted | Heavy-polluted |
| 1993              | 61.1         | 13.9           | 12.1            | 12.9           |
| 1994              | 63.3         | 12.3           | 11.1            | 13.3           |
| 1995              | 64.2         | 11.5           | 10.9            | 13.4           |
| 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            |
| Lanyang stream    | 98.7         | 1.3            | -               | -              |
| Danshui river     | 59.6         | 14.6           | 15.8            | 10.0           |
| Touchien stream   | 75.5         | 2.4            | 22.2            | -              |
| Houlung stream    | 75.2         | 16.9           | 6.5             | 1.4            |
| Taan stream       | 98.4         | 1.6            | -               | -              |
| Tachia stream     | 95.9         | 1.8            | 2.3             | -              |
| Wu stream         | 93.6         | 6.4            | -               | -              |
| Choshui stream    | 100.0        | -              | -               | -              |
| Peikang stream    | -            | 2.8            | 51.7            | 45.5           |
| Potzu stream      | 34.9         | 3.5            | 56.6            | 5.0            |
| Pachang stream    | 36.1         | 14.4           | 47.2            | 2.3            |
| Chishui stream    | 18.3         | 8.0            | 43.7            | 30.0           |
| Tsengwen stream   | 48.5         | 19.8           | 31.7            | -              |
| Yenshui stream    | 24.3         | 7.8            | 33.4            | 34.6           |
| Erhjen stream     | 5.6          | 5.3            | 53.9            | 35.3           |
| Kaoping stream    | 29.4         | 13.7           | 52.7            | 4.2            |
| Tungkuang stream  | 16.3         | 13.6           | 56.3            | 13.8           |
| Linpien stream    | 42.9         | 9.6            | 32.5            | 14.9           |
| Peinan stream     | 100.0        | -              | -               | -              |
| Hsiukuluan stream | 48.6         | 5.2            | 46.1            | -              |
| Hualien stream    | 66.3         | 9.6            | 24.1            | -              |

Table 74. Environmental

| Year & Noise Items              | No. of Monitoring Stations<br>(No. of Stations) | Percentage of Over-standard |                |
|---------------------------------|---|-----------------------------|----------------|
|                                 |   | Total                       | Control Area I |
| <b>Traffic Noise Monitoring</b> |   |                             |                |
| 2000                            | 148   | 6.1                         | 0.0            |
| 2001                            | 113   | 8.2                         | 0.0            |
| 2002                            | 129   | 3.7                         | 0.0            |
| 2003                            | 122   | 2.5                         | 0.0            |
| 2004                            | 168   | 3.0                         | 0.0            |
| 2005                            | 164   | 1.5                         | 0.0            |
| 2006                            | 164   | 1.5                         | 0.0            |
| 2007                            | 162   | 1.5                         | 0.0            |
| <b>General Noise Monitoring</b> |   |                             |                |
| 2004                            | 147   | 15.1                        | 53.6           |
| 2005                            | 145   | 13.6                        | 61.7           |
| 2006                            | 150   | 13.0                        | 54.7           |
| 2007                            | 145   | 11.7                        | 48.3           |

Table 75. Clearance of municipal

| Fiscal year | Garbage generated <sup>1</sup><br>(1 000 tonnes) |                            | Garbage clearance<br>(1 000 tonnes) |                            | Municipal waste recycling rate<br>(%) |
|-------------|--|----------------------------|-------------------------------------|----------------------------|---------------------------------------|
|             |  | Per capita per day<br>(Kg) |                                     | Per capita per day<br>(Kg) |                                       |
| 1993        | 8 217  | 1.10                       | 8 217                               | 1.10                       | -                                     |
| 1994        | 8 493  | 1.12                       | 8 493                               | 1.12                       | -                                     |
| 1995        | 8 708  | 1.14                       | 8 708                               | 1.14                       | -                                     |
| 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  | 1.09                       | 7 876                               | 0.98                       | 9.8                                   |
| 2001        | 7 839  | 1.03                       | 7 255                               | 0.90                       | 12.7                                  |
| 2002        | 7 602  | 0.98                       | 6 724                               | 0.83                       | 15.6                                  |
| 2003        | 7 355  | 0.94                       | 6 139                               | 0.75                       | 20.1                                  |
| 2004        | 7 554  | 0.93                       | 5 863                               | 0.71                       | 24.0                                  |
| 2005        | 7 775  | 0.95                       | 5 525                               | 0.67                       | 29.4                                  |
| 2006        | 7 739  | 0.94                       | 5 033                               | 0.61                       | 35.4                                  |
| 2007        | 7 976  | 0.95                       | 4 873                               | 0.58                       | 38.7                                  |

Note: <sup>1</sup>Referred to garbage clearance before 1998.

**noise monitoring (Leq)**

| by Control Area (%) |                  |                 |     |
|---------------------|------------------|-----------------|-----|
| Control Area II     | Control Area III | Control Area IV |     |
|                     | 13.0             | 4.0             | 0.0 |
|                     | 15.4             | 3.5             | 8.9 |
|                     | 12.5             | 1.4             | 0.0 |
|                     | 8.6              | 1.0             | 0.0 |
|                     | 7.9              | 0.7             | 0.0 |
|                     | 4.7              | 0.0             | 0.0 |
|                     | 4.6              | 0.0             | 0.0 |
|                     | 3.9              | 0.8             | 0.0 |
|                     | 20.2             | 8.3             | 0.0 |
|                     | 15.2             | 5.5             | 0.0 |
|                     | 14.6             | 4.9             | 1.7 |
|                     | 15.2             | 3.5             | 0.9 |

**solid waste by all organizations**

| Garbage recycling rate | Food waste recycling rate | Bulk waste recycling and reuse rate | Garbage disposal rate (%) | Solid waste collection and treatment personnel (Persons) | Equipment for collection & disposal of solid waste (Vehicles) |
|------------------------|---------------------------|-------------------------------------|---------------------------|--|---|
| -                      | -                         | -                                   | 65.0                      | 27 711   | 7 970   |
| -                      | -                         | -                                   | 70.5                      | 28 290   | 7 874   |
| -                      | -                         | -                                   | 65.1                      | 28 545   | 8 046   |
| -                      | -                         | -                                   | 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   |
| 9.8                    | -                         | -                                   | 90.6                      | 31 512   | 10 862  |
| 12.7                   | -                         | -                                   | 93.7                      | 29 434   | 11 343  |
| 15.6                   | -                         | -                                   | 96.3                      | 29 526   | 11 979  |
| 17.9                   | 2.2                       | -                                   | 98.2                      | 32 041   | 11 524  |
| 20.1                   | 3.9                       | -                                   | 99.0                      | 31 728   | 12 382  |
| 23.1                   | 5.9                       | 0.4                                 | 99.5                      | 32 264   | 12 638  |
| 27.7                   | 7.3                       | 0.4                                 | 99.8                      | 32 344   | 12 952  |
| 30.0                   | 8.3                       | 0.4                                 | 99.6                      | 32 588   | 14 231  |

Table 76. Budget of

| Fiscal year & district | Total <sup>1</sup> | Expenditure on environmental protection as % of GDP | Ordinary administration | Comprehensive planning | Air quality <sup>2</sup> protection & noise control | Water quality protection | Solid waste management |
|------------------------|--------------------|---|-------------------------|------------------------|---|--------------------------|------------------------|
| 1999                   | 54 064 459         | 0.56  | 5 436 537               | 450 728                | 543 596   | 896 601                  | 22 191 121             |
| 2000                   | 79 182 449         | 0.79  | 7 846 245               | 995 194                | 565 829   | 1 592 876                | 37 885 807             |
| 2001                   | 46 894 616         | 0.48  | 5 464 912               | 324 088                | 241 670   | 685 778                  | 35 159 241             |
| 2002                   | 43 428 720         | 0.42  | 6 281 233               | 247 887                | 264 837   | 1 412 000                | 29 758 543             |
| 2003                   | 45 406 142         | 0.43  | 5 778 826               | 301 284                | 353 960   | 1 157 505                | 32 060 957             |
| 2004                   | 44 571 107         | 0.40  | 6 217 207               | 282 894                | 219 033   | 803 800                  | 31 961 175             |
| 2005                   | 46 114 713         | 0.40  | 6 058 420               | 622 568                | 230 249   | 1 747 512                | 32 195 166             |
| 2006                   | 45 382 534         | 0.38  | 6 401 331               | 329 025                | 193 488   | 1 760 549                | 31 161 533             |
| 2007                   | 43 722 985         | 0.35  | 6 585 951               | 308 165                | 214 322   | 1 083 466                | 31 243 910             |
| 2008                   | 45 002 263         | 0.35  | 6 956 058               | 336 707                | 93 935  | 1 269 775                | 31 027 758             |
| E.P.A.                 | 8 234 853          | -   | 746 435                 | 183 848                | 33 137  | 63 916                   | 4 827 086              |
| Taipei City            | 6 042 865          | -   | 358 910                 | -                      | 16 470  | 4 764                    | 5 046 804              |
| Kaohsiung City         | 3 038 864          | -   | 836 141                 | 2 314                  | 1 804   | 4 990                    | 2 156 608              |
| Taipei County          | 7 902 819          | -   | 1 227 049               | 42 819                 | 4 115   | 16 061                   | 5 356 327              |
| Yilan County           | 506 442            | -   | 102 609                 | 4 069                  | -   | 1 018                    | 377 957                |
| Taoyuan County         | 2 991 940          | -   | 413 593                 | 4 996                  | 10 951  | 15 349                   | 1 723 569              |
| Hsinchu County         | 569 297            | -   | 123 745                 | 9 572                  | 260   | 4 492                    | 337 712                |
| Miaoli County          | 726 297            | -   | 56 049                  | 4 742                  | 4 333   | 17 312                   | 614 719                |
| Taichung County        | 1 887 289          | -   | 272 099                 | 8 295                  | 2 313   | 3 313                    | 1 511 747              |
| Changhwa County        | 1 193 052          | -   | 221 643                 | 3 736                  | 352   | 1 296                    | 832 495                |
| Nantou County          | 579 699            | -   | 46 427                  | 1 887                  | 843   | 944                      | 504 555                |
| Yunlin County          | 844 193            | -   | 95 253                  | 2 198                  | 177   | 5 499                    | 708 694                |
| Chiayi County          | 539 806            | -   | 87 771                  | 738                    | 1 070   | 7 538                    | 421 791                |
| Tainan County          | 1 400 950          | -   | 290 351                 | 3 620                  | 1 801   | 6 769                    | 950 308                |
| Kaohsiung County       | 1 902 604          | -   | 381 313                 | 6 603                  | 369   | 22 560                   | 1 387 896              |
| Pingtung County        | 1 087 985          | -   | 189 885                 | 2 761                  | 545   | 16 821                   | 818 963                |
| Taitung County         | 283 546            | -   | 44 499                  | 704                    | 2 406   | 1 836                    | 226 299                |
| Hualien County         | 442 112            | -   | 81 311                  | 3 286                  | 1 680   | 2 768                    | 333 003                |
| Penghu County          | 149 210            | -   | 22 585                  | -                      | -   | 2 523                    | 115 623                |
| Keelung City           | 789 913            | -   | 451 938                 | 19 001                 | 5 530   | -                        | 110 896                |
| Hsinchu City           | 829 730            | -   | 316 315                 | 9 605                  | 963   | 12 703                   | 452 486                |
| Taichung City          | 1 259 200          | -   | 260 917                 | 14 392                 | 2 429   | 5 409                    | 897 923                |
| Chiayi City            | 448 726            | -   | 113 711                 | 530                    | 264   | 3 898                    | 269 660                |
| Tainan City            | 1 095 544          | -   | 146 621                 | 2 500                  | 2 123   | 2 092                    | 901 726                |
| Kinmen County          | 220 185            | -   | 65 807                  | 4 491                  | -   | 3 469                    | 123 429                |
| Lienchiang County      | 35 143             | -   | 3 081                   | -                      | -   | 150                      | 19 482                 |

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

<sup>2</sup>1996 ~ 1998 Data of E.P.A. including the Fund of Air Quality Protection.

<sup>3</sup>Including R&D expenditure. The fiscal year 2000 is from July 1, 1999 to December 31, 2000.



**environmental agencies**

Thousands of N.T. Dollars

| Sanitation & toxic chemicals control | Performance evaluation & dispute settlement | Environmental monitoring & data processing | Environmental analysis | Construct & equipment | Works of sanitation   |                 |                      | Others <sup>3</sup> |
|--------------------------------------|---|--|------------------------|-----------------------|-----------------------|-----------------|----------------------|---------------------|
|                                      |   |  |                        |                       | Air pollution & noise | Water pollution | Solid waste disposal |                     |
| 1 259 000                            | 373 291                                     | 258 858                                    | 280 492                | 4 544 199             | 41 953                | 41 616          | 17 693 567           | 52 900              |
| 1 371 744                            | 549 224                                     | 291 866                                    | 379 028                | 4 249 348             | 153 106               | 127 254         | 23 012 224           | 162 704             |
| 429 937                              | 764 665                                     | 131 050                                    | 120 894                | 3 216 538             | -                     | -               | -                    | 355 843             |
| 870 763                              | 782 952                                     | 378 362                                    | 118 388                | 2 633 734             | -                     | -               | -                    | 680 021             |
| 731 991                              | 805 230                                     | 280 464                                    | 131 958                | 2 845 740             | -                     | -               | -                    | 958 227             |
| 729 460                              | 786 189                                     | 365 590                                    | 131 129                | 2 710 244             | -                     | -               | -                    | 364 386             |
| 717 127                              | 773 445                                     | 347 350                                    | 133 917                | 2 935 737             | -                     | -               | -                    | 353 222             |
| 1 746 295                            | 790 023                                     | 342 910                                    | 141 759                | 2 102 685             | -                     | -               | -                    | 412 936             |
| 845 432                              | 786 183                                     | 282 972                                    | 133 376                | 1 789 372             | -                     | -               | -                    | 449 836             |
| 944 655                              | 777 453                                     | 319 389                                    | 127 566                | 2 689 923             | -                     | -               | -                    | 362 796             |
| 334 038                              | 567 390                                     | 301 329                                    | 63 681                 | -                     | -                     | -               | -                    | 4 650               |
| 108 655                              | 142 475                                     | 4 480                                      | 32 310                 | 162 457               | -                     | -               | -                    | 165 540             |
| 19 281                               | 8 050                                       | 5 500                                      | 3 298                  | -                     | -                     | -               | -                    | 878                 |
| 190 707                              | 14 966                                      | 660  | 2 049                  | 1 018 076             | -                     | -               | -                    | 1 000               |
| 10 834                               | 4 965                                       | -  | 477                    | 4 513                 | -                     | -               | -                    | -                   |
| 21 893                               | 7 831                                       | -  | 6 441                  | 784 799               | -                     | -               | -                    | 2 518               |
| 10 547                               | -   | 550  | 826                    | 69 843                | -                     | -               | -                    | 11 750              |
| 10 256                               | 2 700                                       | -  | 150                    | 16 035                | -                     | -               | -                    | -                   |
| 2 623                                | 13 175                                      | -  | 892                    | 72 832                | -                     | -               | -                    | -                   |
| -                                    | 1 322                                       | -  | 1 062                  | 131 146               | -                     | -               | -                    | -                   |
| 9 368                                | 6 774                                       | 2 627                                      | 361                    | 5 913                 | -                     | -               | -                    | -                   |
| 3 514                                | -   | -  | -                      | 28 788                | -                     | -               | -                    | 70                  |
| 700                                  | -   | -  | 60                     | 20 138                | -                     | -               | -                    | -                   |
| 30 291                               | 1 418                                       | 500  | 974                    | 114 918               | -                     | -               | -                    | -                   |
| 46 749                               | -   | -  | 3 858                  | 53 256                | -                     | -               | -                    | -                   |
| 8 815                                | 4 313                                       | 290  | 741                    | 44 851                | -                     | -               | -                    | -                   |
| 727                                  | -   | -  | -                      | 7 075                 | -                     | -               | -                    | -                   |
| 3 059                                | 85  | 1 416                                      | 538                    | 5 644                 | -                     | -               | -                    | 9 322               |
| 2 566                                | -   | -  | -                      | 5 913                 | -                     | -               | -                    | -                   |
| -                                    | -   | -  | 5 423                  | 36 057                | -                     | -               | -                    | 161 068             |
| 32 927                               | -   | 2 037                                      | 2 694                  | -                     | -                     | -               | -                    | -                   |
| -                                    | -   | -  | 994                    | 77 136                | -                     | -               | -                    | -                   |
| 50 451                               | 1 989                                       | -  | 344                    | 7 879                 | -                     | -               | -                    | -                   |
| 30 733                               | -   | -  | 393                    | 3 356                 | -                     | -               | -                    | 6 000               |
| 10 661                               | -   | -  | -                      | 12 328                | -                     | -               | -                    | -                   |
| 5 260                                | -   | -  | -                      | 6 970                 | -                     | -               | -                    | -                   |

**Table 77. Pollution inspection and administrative penalty**

| Year & type of industries                               | Number of inspections | Number of penalties | Fine paid<br>(NT\$1000) |
|---|-----------------------|---------------------|-------------------------|
| 1998  | 1 395 194             | 95 718              | 685 944                 |
| 1999  | 1 158 590             | 89 973              | 642 704                 |
| 2000  | 1 928 857             | 103 137             | 680 924                 |
| 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                 |
| Air pollution   | 869 355               | 32 447              | 255 780                 |
| Construction sources                                    | 16 243                | 1 391               | 60 678                  |
| Other stationary sources                                | 42 707                | 1 599               | 95 566                  |
| Autornobil sources                                      | 810 405               | 29 457              | 99 536                  |
| Water pollution   | 41 641                | 2 454               | 254 820                 |
| Husbandry   | 10 771                | 267                 | 20 339                  |
| Other industries  | 25 235                | 2 130               | 232 234                 |
| Sewerage system   | 4 561                 | 51                  | 2 215                   |
| Sewerage treatment in building                          | 1 074                 | 6                   | 33                      |
| Solid waste pollution                                   | 272 952               | 62 088              | 149 758                 |
| Municipal solid wastes                                  | 205 677               | 50 582              | 70 625                  |
| Industrial/Business organizations                       | 25 503                | 10 812              | 72 482                  |
| Public or private waste clearance & treatment factories | 3 846                 | 614                 | 5 146                   |
| Recycling organizations & factories                     | 7 835                 | 54                  | 513                     |
| Listed operators of mandatort recyclables               | 30 091                | 26                  | 992                     |
| Noise pollution   | 43 992                | 592                 | 4 562                   |
| Toxic chernal substances                                | 7 535                 | 87                  | 8 760                   |
| Environmental agents                                    | 22 968                | 60                  | 2 961                   |
| Drinking water pollution                                | 17 547                | 46                  | 12 968                  |
| Environment impact assessment                           | 1 122                 | 1 485               | 13 036                  |
| Soil & groundwater pollution                            | 2 730                 | 18                  | 1 667                   |
| Ocean pollution   | 971                   | 14                  | 4 520                   |
| Other pollution   | 30 826                | 10                  | 222                     |

**Table 78. Water withdrawal**

| Year | Per capita annual withdrawal (M <sup>3</sup> ) | Percentage of <sup>1</sup> available resources (%) | Water supply service's ratio (%) |
|------|--|--|----------------------------------|
| 1978 | 1 001.9  | 20.7   | 61.6                             |
| 1979 | 957.0  | 21.0   | 63.8                             |
| 1980 | 908.3  | 33.2   | 66.8                             |
| 1981 | 916.1  | 16.5   | 69.5                             |
| 1982 | 928.5  | 21.9   | 72.4                             |
| 1983 | 1 019.1  | 24.4   | 74.5                             |
| 1984 | 969.6  | 22.9   | 76.4                             |
| 1985 | 958.9  | 19.3   | 77.9                             |
| 1986 | 949.1  | 21.3   | 79.1                             |
| 1987 | 943.1  | 22.5   | 80.2                             |
| 1988 | 933.4  | 23.9   | 81.7                             |
| 1989 | 950.9  | 24.7   | 82.7                             |
| 1990 | 963.4  | 15.4   | 83.6                             |
| 1991 | 857.0  | 19.6   | 84.2                             |
| 1992 | 852.6  | 15.5   | 85.1                             |
| 1993 | 818.5  | 26.2   | 86.2                             |
| 1994 | 834.5  | 15.4   | 87.5                             |
| 1995 | 885.7  | 26.8   | 88.0                             |
| 1996 | 845.2  | 16.2   | 88.8                             |
| 1997 | 836.8  | 21.8   | 89.5                             |
| 1998 | 773.1  | 13.1   | 90.0                             |
| 1999 | 766.5  | 20.9   | 90.3                             |
| 2000 | 803.3  | 20.3   | 90.5                             |
| 2001 | 827.4  | 20.3   | 90.5                             |
| 2002 | 832.5  | 20.9   | 90.8                             |
| 2003 | 780.1  | 26.3   | 90.9                             |
| 2004 | 785.5  | 18.3   | 91.3                             |
| 2005 | 790.1  | 12.6   | 91.6                             |
| 2006 | 766.0  | 16.8   | 91.9                             |
| 2007 | ...  | ...  | 92.0                             |

Note : <sup>1</sup> Percentage of available resources = (Total amount of water above ground/annual runoff) × 100.

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## 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 Administration, the Ministry of the Interior. Data on fire accidents come from National Fire Administration, Ministry of 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). Data on forcible rape could be traced back to 1977; consequently, the revision was made only to data on violent crime as far back to 1977.

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.

Motor Vehicle 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.

For additional information on status of crimes, please refer to the *Statistics on Criminal Cases in Taiwan*, published by the Criminal Investigation Bureau. For additional information on treatment of crimes, please refer to the *Special Report for Justice Affairs Statistics in Taiwan*, published by the Prosecutors published by the Taiwan High Court, and the *Statistical Abstract of Judicial Affairs*, published by the Statistical Department of the Judicial Yuan.

Table 79. 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>(%) |                                       |
| 1978 | 48 640                    | 46.0                                 | 7.0                  | 5.6             | -                       | 286.5                                 |
| 1979 | 52 512                    | 45.8                                 | 6.9                  | 6.2             | -                       | 303.4                                 |
| 1980 | 52 350                    | 50.9                                 | 7.4                  | 4.8             | 1.3                     | 296.7                                 |
| 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 | 260 927                   | 81.6                                 | 3.0                  | 4.9             | 1.0                     | 1 304.3                               |
| 1990 | 280 393                   | 82.4                                 | 3.6                  | 4.2             | 1.6                     | 1 386.0                               |
| 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                   | 67.7                                 | 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                               |

**and cleared cases**

| Number of offenders (Persons) | Offenders rate (Persons/100 000 pop.) |       |          |            |         | Cleared cases (Cases) | Clearance rate (%) |
|-------------------------------|---------------------------------------|-------|----------|------------|---------|-----------------------|--------------------|
|                               | Total                                 | Child | Juvenile | Adolescent | Adult   |                       |                    |
| 39 184                        | 230.8                                 | -     | -        | -          | -       | 41 172                | 84.7               |
| 43 585                        | 251.8                                 | -     | -        | -          | -       | 44 409                | 84.6               |
| 44 669                        | 253.2                                 | 16.3  | 447.1    | 405.9      | 285.0   | 43 837                | 83.7               |
| 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               |
| 86 900                        | 434.4                                 | 26.4  | 881.6    | 582.6      | 475.8   | 135 550               | 52.0               |
| 86 723                        | 428.7                                 | 20.8  | 769.0    | 636.1      | 475.8   | 142 924               | 51.0               |
| 145 442                       | 711.0                                 | 31.7  | 1 110.3  | 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                       | 808.1                                 | 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                                 | 11.5  | 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    | 1 384.1    | 1 429.7 | 367 001               | 74.6               |

Table 80. 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 |
| 1978 | 22 354                            | -       | -                | -                | 11 940                        | -       | -                | -                |
| 1979 | 24 023                            | 19 505  | 4 518            | -                | 13 268                        | 12 699  | 569              | -                |
| 1980 | 26 650                            | 21 549  | 5 101            | -                | 16 425                        | 15 728  | 697              | -                |
| 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                        | 23 920  | 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            |



Table 81. Violent crimes

| Year | Cases known to the police (Cases)  |               |                             |           |              |               |                                    | Number of offenders (Persons) |                             |           |              |               |       |       |
|------|------------------------------------|---------------|-----------------------------|-----------|--------------|---------------|------------------------------------|-------------------------------|-----------------------------|-----------|--------------|---------------|-------|-------|
|      | Murder & nonnegligent manslaughter | Series Injury | Robbery and forceful taking | Kidnaping | Intimidation | Forcible rape | Murder & nonnegligent manslaughter | Series Injury                 | Robbery and forceful taking | Kidnaping | Intimidation | Forcible rape |       |       |
| 1978 | 3 395                              | 1 316         | -                           | 659       | 22           | 953           | 445                                | 4 027                         | 1 848                       | -         | 539          | 35            | 1 161 | 444   |
| 1979 | 3 632                              | 1 299         | -                           | 763       | 21           | 1 038         | 511                                | 4 441                         | 1 857                       | -         | 732          | 52            | 1 268 | 532   |
| 1980 | 3 848                              | 1 411         | -                           | 1 229     | 51           | 654           | 503                                | 4 277                         | 1 785                       | -         | 935          | 90            | 897   | 570   |
| 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 |

Note : 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 82. 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 |               |  |
| 1983 | 10 276                         | 6 510                | 1 356    | 439                                | -              | 411                         | 22        | 385          | 99            | 107           | 23.6                                       |
| 1984 | 11 125                         | 6 862                | 1 263    | 425                                | -              | 366                         | 41        | 327          | 104           | 92            | 22.6                                       |
| 1985 | 11 450                         | 7 237                | 1 437    | 303                                | -              | 481                         | 15        | 501          | 137           | 90            | 19.9                                       |
| 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  |

**Table 83. 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 |
| 1978 | 188 168                                       | 120 041                | 63.8                | 133 567                             | 786.9                                      |
| 1979 | 214 317                                       | 141 640                | 66.1                | 100 573                             | 581.1                                      |
| 1980 | 242 087                                       | 162 652                | 67.2                | 137 459                             | 779.1                                      |
| 1981 | 242 560                                       | 162 678                | 67.1                | 134 294                             | 747.3                                      |
| 1982 | 293 742                                       | 207 973                | 70.8                | 166 405                             | 909.5                                      |
| 1983 | 329 581                                       | 242 604                | 73.6                | 200 387                             | 1 077.6                                    |
| 1984 | 330 302                                       | 242 145                | 73.3                | 215 444                             | 1 141.6                                    |
| 1985 | 369 895                                       | 268 843                | 72.7                | 220 109                             | 1 150.3                                    |
| 1986 | 296 895                                       | 191 381                | 64.5                | 204 553                             | 1 056.8                                    |
| 1987 | 206 641                                       | 115 068                | 55.7                | 111 709                             | 571.0                                      |
| 1988 | 166 386                                       | 88 791                 | 53.4                | 73 550                              | 371.7                                      |
| 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                                      |

Table 83. Treatment of criminals

| Year | Offenders convicted by length of sentence |                   |                                |                             |                  |             |
|------|---|-------------------|--------------------------------|-----------------------------|------------------|-------------|
|      | Death sentence                            | Life imprisonment | A definite period<br>in prison | A definite period in prison |                  | Penal labor |
|      |   |                   |                                | Under 6 months              | 3 years and over |             |
| 1978 | 11  | 81                | 27 276                         | 13 494                      | 1 651            | 12 936      |
| 1979 | 2   | 44                | 26 517                         | 12 994                      | 1 744            | 11 176      |
| 1980 | 6   | 76                | 30 635                         | 15 095                      | 1 990            | 19 281      |
| 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      |

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 |
| 87 146  | 15 742      | 13 140                                | 13 870                   | 1 366                     |
| 62 625  | 15 643      | 13 487                                | 15 147                   | 1 848                     |
| 87 365  | 17 034      | 14 279                                | 16 092                   | 2 284                     |
| 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                     |

Table 84. Fire losses and casualties

| Year | Number of fires | Number of burned houses | Number of casualties |          | Estimated property losses<br>(Millions N.T. Dollars) |
|------|-----------------|-------------------------|----------------------|----------|--|
|      |                 |                         | Deaths               | Injuries |  |
| 1978 | 3 608           | 2 652                   | 101                  | 347      | 954  |
| 1979 | 4 729           | 2 289                   | 134                  | 346      | 1 157  |
| 1980 | 8 373           | 2 032                   | 142                  | 282      | 1 400  |
| 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  |
| 1989 | 7 464           | 1 509                   | 316                  | 450      | 3 615  |
| 1988 | 7 298           | 1 373                   | 222                  | 384      | 2 445  |
| 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          | 2 843                   | 234                  | 806      | 15 562   |
| 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           | ①1 462                  | 139                  | 532      | ①2 823   |
| 2006 | ①4 332          | ①1 489                  | 125                  | 471      | ①1 559   |
| 2007 | 3 390           | 1 483                   | 120                  | 398      | 1 292  |

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

**Table 85. 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 |   |
| 1978 | 14 448                      | 48.5                                    | 3 896                | 20 885   | 146.0                                       |
| 1979 | 13 764                      | 38.9                                    | 4 048                | 19 365   | 135.3                                       |
| 1980 | 11 762                      | 27.4                                    | 4 039                | 16 416   | 115.9                                       |
| 1981 | 10 072                      | 20.0                                    | 3 840                | 13 377   | 95.8  |
| 1982 | 8 844                       | 15.4                                    | 3 596                | 11 202   | 80.9  |
| 1983 | 7 807                       | 12.3                                    | 3 392                | 9 374    | 68.7  |
| 1984 | 7 221                       | 10.3                                    | 3 540                | 8 265    | 62.6  |
| 1985 | 6 461                       | 8.4                                     | 3 564                | 6 955    | 55.0  |
| 1986 | 8 630                       | 10.4                                    | 4 139                | 9 983    | 73.0  |
| 1987 | 8 359                       | 10.3                                    | 4 373                | 9 410    | 70.5  |
| 1988 | 7 044                       | 8.8                                     | 4 190                | 7 461    | 58.9  |
| 1989 | 6 405                       | 7.2                                     | 3 930                | 6 571    | 52.5  |
| 1990 | 6 206                       | 6.4                                     | 3 910                | 6 155    | 49.8  |
| 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                                       |

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

<sup>2</sup> Because revised reporting system and new statistical process were inaugurated in 2000. Besides, strengthened to follow cases of seriously injured, caused number of deaths and injuries of traffic accidents increased sharply.

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## 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 Employees' and School Staffs' Insurance, Republic of China*, published by the Central Trust of China. 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 National Health Bureau. Statistics on social welfare expenditure are obtained from the *Yearbook of Financial Statistics of the Republic of China*, published by the Department of Statistics, Ministry of Finance. All other information comes from the *Monthly Statistics of Interior, Republic of China*, and *Statistical Yearbook of Interior* published by the Department of Statistics, Ministry of 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 Employee's 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 minimal living expenses required for each locality. In Taiwan Province and Kaohsiung Municipality, the minimal living expenses 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 minimal living expense has been defined by 60 percent of the average consumption expenditure each locality.

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. Beginning FY1971, the expenditure for social welfare paid from the special budget was added to that from the general budget. 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 recalculate by the definition of the social welfare expenditure made in 1990.

For additional social welfare statistics, please refer to the *Report on Social Welfare Institutions Survey*, *the Report on Female's Living Conditions Survey*, *Report on Youth Living Conditions Survey* and *the Report on Low Income Household's Living Conditions Survey* published by the Statistical Department, Ministry of Interior.

**Table 86. Insured persons**

| End of Year | National health insurance | Government employees' and school staffs' insurance | Retired government employees' insurance |
|-------------|---------------------------|--|---|
| 1978        | -                         | 390 347  | 8 959                                   |
| 1979        | -                         | 399 339  | 9 076                                   |
| 1980        | -                         | 415 191  | 9 212                                   |
| 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        | 22 629 635                | 590 808  | 502                                     |

**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 | Aged 65 and above |         |
| 2 058 974       | -                    | -                         | -                 | -       |
| 2 283 516       | -                    | -                         | -                 | -       |
| 2 538 125       | -                    | -                         | -                 | -       |
| 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           |         |

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 87. Life insurance

| Year | Number of insurance cases (Cases) | Number of insurance cases per 100 population (Cases) | Average premium per case (N.T. Dollars) | Average benefit payments per case (N.T. Dollars) |
|------|-----------------------------------|--|---|--|
| 1978 | 939 314                           | 5.5  | 8 270                                   | 27 511   |
| 1979 | 1 073 721                         | 6.1  | 9 850                                   | 31 006   |
| 1980 | 1 149 505                         | 6.5  | 11 450                                  | 31 013   |
| 1981 | 1 354 577                         | 7.5  | 13 650                                  | 32 249   |
| 1982 | 1 625 592                         | 8.8  | 15 490                                  | 20 530   |
| 1983 | 1 940 488                         | 10.4   | 17 480                                  | 33 469   |
| 1984 | 2 304 037                         | 12.1   | 19 630                                  | 38 210   |
| 1985 | 2 564 908                         | 13.3   | 20 160                                  | 45 543   |
| 1986 | 3 073 142                         | 15.8   | 21 420                                  | 48 608   |
| 1987 | 3 739 245                         | 19.0   | 23 040                                  | 47 025   |
| 1988 | 4 530 080                         | 22.7   | 23 620                                  | 46 176   |
| 1989 | 5 472 309                         | 27.1   | 23 850                                  | 50 618   |
| 1990 | 6 504 209                         | 31.9   | 23 200                                  | 47 932   |
| 1991 | 7 442 126                         | 36.1   | 22 840                                  | 44 240   |
| 1992 | 8 693 137                         | 41.8   | 23 120                                  | 46 152   |
| 1993 | 9 936 920                         | 47.3   | 23 265                                  | 50 370   |
| 1994 | 11 635 683                        | 54.9   | 23 481                                  | 56 410   |
| 1995 | 13 200 573                        | 61.8   | 23 053                                  | 58 458   |
| 1996 | 15 023 641                        | 69.8   | 23 171                                  | 61 619   |
| 1997 | 17 799 915                        | 81.9   | 23 296                                  | 69 304   |
| 1998 | 21 713 498                        | 99.0   | 22 296                                  | 69 788   |
| 1999 | 24 008 866                        | 108.7  | 21 705                                  | 68 720   |
| 2000 | 27 046 881                        | 121.4  | 21 201                                  | 64 558   |
| 2001 | 30 337 536                        | 135.4  | 22 295                                  | 70 528   |
| 2002 | 32 361 322                        | 143.7  | 25 923                                  | 71 749   |
| 2003 | 35 910 743                        | 158.9  | 31 100                                  | 89 388   |
| 2004 | 37 712 269                        | 166.2  | 33 403                                  | 108 603  |
| 2005 | 40 104 372                        | 176.1  | 35 521                                  | 108 733  |
| 2006 | 42 095 394                        | 184.0  | 36 248                                  | 115 296  |
| 2007 | 45 005 200                        | 196.0  | 42 011                                  | 133 025  |

Note : Figures of "Number of insurance cases" and "Number of insurance cases per 100 population" refer to end of years.

**Table 88. Expenditure for social assistance**

Thousands of N.T. Dollars

| Year | Living support | Aid for disaster | Medical Assistance | Aid for Emergency |
|------|----------------|------------------|--------------------|-------------------|
| 1993 | 662 545        | 63 873           | 1 162 770          | 194 949           |
| 1994 | 1 840 780      | 829 938          | 646 241            | 231 723           |
| 1995 | 2 118 948      | 93 638           | 608 224            | 271 702           |
| 1996 | 2 285 657      | 374 208          | 145 223            | 311 433           |
| 1997 | 2 417 268      | 295 539          | 157 616            | 210 483           |
| 1998 | 2 583 390      | 212 541          | 167 584            | 235 284           |
| 1999 | 2 839 550      | 29 963 122       | 102 525            | 235 417           |
| 2000 | 3 157 904      | 629 456          | 96 947             | 239 487           |
| 2001 | 3 362 186      | 968 864          | 101 728            | 214 057           |
| 2002 | 3 363 857      | 178 999          | 104 851            | 205 360           |
| 2003 | 3 543 917      | 81 288           | 89 631             | 199 140           |
| 2004 | 3 807 748      | 662 712          | 105 217            | 245 921           |
| 2005 | 4 020 380      | 547 739          | 93 764             | 217 939           |
| 2006 | 4 150 026      | 84 219           | 87 396             | ①215 961          |
| 2007 | 4 249 578      | 132 593          | 93 118             | 268 451           |

Notes : 1. Living support refers to family and student subsidies for living to low-income households.

2. Because of 921 earthquake , amount of 1999 for disaster assistance uprose vastly.

**Table 89. Low-income households and population**

| End of Year | Low-income households |                             | Low-income population |                             |
|-------------|-----------------------|-----------------------------|-----------------------|-----------------------------|
|             | Total<br>(Households) | As % of total<br>households | Total<br>(Persons)    | As % of total<br>population |
| 1993        | 46 279                | 0.84                        | 117 603               | 0.56                        |
| 1994        | 48 182                | 0.85                        | 115 748               | 0.55                        |
| 1995        | 48 580                | 0.83                        | 114 707               | 0.54                        |
| 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        | 89 902                | 1.22                        | 218 151               | 0.95                        |
| 2007        | 90 682                | 1.21                        | 220 990               | 0.96                        |

Table 90. 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) |
| 1978        | 85                            | 13 748               | 37                            | 8 894                | 48                            | 4 854                | -                             | -                    |
| 1979        | 84                            | 14 111               | 37                            | 9 376                | 47                            | 4 735                | -                             | -                    |
| 1980        | 87                            | 14 304               | 38                            | 9 540                | 49                            | 4 764                | -                             | -                    |
| 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                           | 18 882               | 54                            | 9 117                | 41                            | 2 547                | 95                            | 7 218                |
| 1995        | 196                           | 19 396               | 61                            | 9 089                | 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                           | 30 374               | 658                           | 20 599               | 42                            | 2 362                | 193                           | 7 413                |
| 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                         | 47 748               | 886                           | 30 251               | 42                            | 1 913                | 244                           | 15 584               |
| 2005        | 1 201                         | 50 208               | 912                           | 32 359               | 45                            | 1 944                | 244                           | 15 905               |
| 2006        | 1 239                         | ①52 863              | 944                           | ①34 496              | 47                            | 1 997                | 248                           | 16 370               |
| 2007        | 1 305                         | 55 769               | 1 002                         | 36 651               | 49                            | 2 116                | 254                           | 17 002               |

**Note :** 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 91. General conditions of nursery**

| End of Year | Nurseries             |                                 | Community nurseries   |                                 |
|-------------|-----------------------|---------------------------------|-----------------------|---------------------------------|
|             | Nurseries<br>(Number) | Number of children<br>(Persons) | Nurseries<br>(Number) | Number of children<br>(Persons) |
| 1978        | 612                   | 59 241                          | 1 789                 | 87 767                          |
| 1979        | 656                   | 63 830                          | 1 975                 | 99 850                          |
| 1980        | 742                   | 76 488                          | 2 186                 | 108 921                         |
| 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        | 3 824                 | 245 187                         | 46                    | 3 483                           |

**Note :** Part of the community nurseries were abolished or merged from 1995.

**Table 92. Net expenditure on social welfare**

| Fiscal Year | Net expenditure for social welfare by general government |                                  |             | Per capita net benefit<br>from social welfare<br>(N.T.dollars) |
|-------------|--|----------------------------------|-------------|--|
|             | Total<br>(1000 N.T.dollars)                              | As % of total net<br>expenditure | As % of GNP |  |
| 1978        | 24 489 167   | 11.1                             | 2.4         | 1 451  |
| 1979        | 29 117 728   | 11.8                             | 2.4         | 1 693  |
| 1980        | 38 223 855   | 11.2                             | 2.5         | 2 179  |
| 1981        | 16 549 485   | 3.9                              | 0.9         | 926  |
| 1982        | 26 883 793   | 5.5                              | 1.4         | 1 478  |
| 1983        | 32 518 200   | 6.6                              | 1.5         | 1 756  |
| 1984        | 33 911 201   | 6.7                              | 1.4         | 1 805  |
| 1985        | 34 279 484   | 6.3                              | 1.3         | 1 798  |
| 1986        | 40 591 479   | 6.6                              | 1.4         | 2 102  |
| 1987        | 37 085 134   | 5.8                              | 1.1         | 1 901  |
| 1988        | 55 169 160   | 7.6                              | 1.5         | 2 797  |
| 1989        | 65 488 382   | 5.4                              | 1.6         | 3 282  |
| 1990        | 96 207 023   | 8.8                              | 2.1         | 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                              | 2.5         | 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                             | 3.5         | 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                             | 3.1         | 14 406   |
| 2003        | 345 148 037  | 15.6                             | 3.2         | 15 297   |
| 2004        | 344 502 724  | 15.4                             | 3.0         | 15 212   |
| 2005        | 353 410 925  | 15.3                             | 3.0         | 15 548   |
| 2006        | 368 895 810  | 16.3                             | 3.0         | 16 163   |
| 2007        | ...  | ...                              | ...         | ...  |



## 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. Statistics for national income and industrial inter-relations, compiled based on the principles set by the United Nations, are incorporated in the National Income in Taiwan Area, R.O.C. and the Input-Output Tables in Taiwan Area, R.O.C. Data on family income and expenditure, derived from the family income and expenditure surveys, are contained in the *Report on the Survey of Family Income and Expenditure in Taiwan Area, R.O.C.*

In 1953, our country began compiling annual national income statistics, based on the national economic account system set by the United Nations. Preliminary Compilation of quarterly national product and income statistics started in 1970. Beginning 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 projection was extended to cover a quarter beyond the current one, an additional quarter in 1987, and four quarters to come in 1988. Our country starting to adopt the new UN national economic account system, as revised by the United Nations in 1993, to compile its national income statistics in August 2005.

The family income and expenditure sampling survey was launched in 1964. Its objects are ROC nationals dwelling in Taiwan Area and the families these ROC 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 stocks, at the end of the survey year. It can be divided into thirteen stages:

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, 15 years of industrial inter-dependence tables have been compiled. 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 nine tables for 1981, 1984, 1986, 1989, 1991, 1994, 1996, 1999 and 2001. The industrial inter-dependence table for 2004 is composed of seven tables for purchasers' trading price, producers' trading prices, input coefficients, industrial inter-dependence, trading of domestic manufactured products, and trading of import products, respectively.

For additional national economic data, please refer to the *National Income Statistics Yearbook*, the *Statistical Abstract of National Income*, and the *Quarterly National Economic Trends* published by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan.

Table 93. Key indicators of national income

| Year              | GDP                                     |                                | National income                         |                               | Per capita     |                |                |                |                                      |   |
|-------------------|---|--------------------------------|---|-------------------------------|----------------|----------------|----------------|----------------|--------------------------------------|---|
|                   | Amount<br>(Millions of<br>U.S. dollars) | Economic<br>growth rate<br>(%) | Amount<br>(Millions of<br>U.S. dollars) | Ann. Rate of<br>change<br>(%) | GDP            |                | GNP            |                | National<br>income<br>(U.S. dollars) | Private<br>consumption<br>(U.S.dollars) |
|                   |   |                                |   |                               | (N.T. dollars) | (U.S. dollars) | (N.T. dollars) | (U.S. dollars) |                                      |   |
| 1978              | 27 297                                  | 13.67                          | 24 795                                  | 23.27                         | 59 421         | 1 608          | 59 283         | 1 604          | 1 461                                | 809                                     |
| 1979              | 33 870                                  | 8.44                           | 30 877                                  | 24.53                         | 70 449         | 1 957          | 70 472         | 1 958          | 1 784                                | 992                                     |
| 1980              | 42 285                                  | 7.36                           | 38 627                                  | 25.10                         | 86 287         | 2 397          | 86 167         | 2 394          | 2 189                                | 1 237                                   |
| 1981              | 49 288                                  | 6.24                           | 44 678                                  | 15.67                         | 100 907        | 2 743          | 100 369        | 2 728          | 2 486                                | 1 431                                   |
| 1982              | 49 606                                  | 3.47                           | 45 008                                  | 0.74                          | 106 060        | 2 711          | 106 022        | 2 710          | 2 460                                | 1 433                                   |
| 1983              | 53 479                                  | 8.32                           | 48 589                                  | 7.96                          | 115 207        | 2 876          | 115 382        | 2 880          | 2 613                                | 1 488                                   |
| 1984              | 60 384                                  | 10.71                          | 55 426                                  | 14.07                         | 126 763        | 3 199          | 128 109        | 3 233          | 2 937                                | 1 628                                   |
| 1985              | 63 409                                  | 5.02                           | 58 198                                  | 5.00                          | 132 080        | 3 314          | 134 236        | 3 368          | 3 041                                | 1 693                                   |
| 1986              | 76 929                                  | 11.49                          | 71 578                                  | 22.99                         | 150 425        | 3 974          | 154 072        | 4 071          | 3 698                                | 1 906                                   |
| 1987              | 103 520                                 | 12.66                          | 95 954                                  | 34.06                         | 168 635        | 5 291          | 172 008        | 5 397          | 4 905                                | 2 525                                   |
| 1988              | 125 789                                 | 8.04                           | 117 084                                 | 22.02                         | 181 870        | 6 357          | 186 334        | 6 513          | 5 917                                | 3 213                                   |
| 1989              | 152 724                                 | 8.45                           | 141 974                                 | 21.26                         | 201 611        | 7 634          | 206 131        | 7 805          | 7 097                                | 4 070                                   |
| 1990              | 164 513                                 | 5.70                           | 152 858                                 | 7.67                          | 218 672        | 8 132          | 223 860        | 8 325          | 7 556                                | 4 443                                   |
| 1991              | 184 267                                 | 7.58                           | 170 608                                 | 11.61                         | 241 606        | 9 008          | 247 330        | 9 222          | 8 341                                | 4 921                                   |
| 1992              | 218 712                                 | 7.85                           | 202 241                                 | 18.54                         | 266 419        | 10 589         | 272 271        | 10 822         | 9 792                                | 5 904                                   |
| 1993              | 230 926                                 | 6.90                           | 212 596                                 | 5.12                          | 292 310        | 11 077         | 297 768        | 11 283         | 10 197                               | 6 223                                   |
| 1994              | 252 227                                 | 7.39                           | 232 220                                 | 9.23                          | 317 279        | 11 991         | 322 386        | 12 184         | 11 040                               | 6 942                                   |
| 1995              | 273 792                                 | 6.49                           | 251 782                                 | 8.42                          | 341 870        | 12 906         | 347 111        | 13 103         | 11 868                               | 7 509                                   |
| 1996              | 289 315                                 | 6.30                           | 265 587                                 | 5.48                          | 371 454        | 13 527         | 376 574        | 13 714         | 12 418                               | 7 917                                   |
| 1997              | 300 005                                 | 6.59                           | 274 183                                 | 3.24                          | 399 035        | 13 904         | 403 188        | 14 048         | 12 707                               | 8 148                                   |
| 1998              | 276 105                                 | 4.55                           | 250 908                                 | - 8.49                        | 424 229        | 12 679         | 427 377        | 12 773         | 11 522                               | 7 461                                   |
| 1999              | 298 757                                 | 5.75                           | 270 551                                 | 7.83                          | 439 171        | 13 609         | 443 294        | 13 737         | 12 324                               | 8 126                                   |
| 2000              | 321 230                                 | 5.77                           | 289 607                                 | 7.04                          | 453 422        | 14 519         | 459 729        | 14 721         | 13 090                               | 8 810                                   |
| 2001              | 291 694                                 | - 2.17                         | 260 482                                 | - 10.06                       | 442 688        | 13 093         | 451 308        | 13 348         | 11 692                               | 8 137                                   |
| 2002              | 297 668                                 | 4.64                           | 266 832                                 | 2.44                          | 459 598        | 13 291         | 470 426        | 13 604         | 11 914                               | 8 115                                   |
| 2003              | 305 624                                 | 3.50                           | 275 376                                 | 3.20                          | 467 663        | 13 587         | 482 284        | 14 012         | 12 242                               | 8 206                                   |
| 2004              | 331 007                                 | 6.15                           | 299 167                                 | 8.64                          | 490 168        | 14 663         | 506 650        | 15 156         | 13 252                               | 8 903                                   |
| 2005 <sup>Ⓘ</sup> | 355 958                                 | 4.16                           | 318 844                                 | 6.58                          | 505 671        | 15 714         | 518 511        | 16 113         | 14 075                               | 9 634                                   |
| 2006 <sup>Ⓘ</sup> | 365 503                                 | 4.89                           | 327 683                                 | 2.77                          | 522 859        | 16 073         | 536 566        | 16 494         | 14 410                               | 9 710                                   |
| 2007              | 383 343                                 | 5.72                           | 343 269                                 | 4.76                          | 551 458        | 16 792         | 566 566        | 17 252         | 15 037                               | 9 934                                   |

Note: Data in this table are compiled on 1993 SNA basis.

**Table 94. Gross domestic**

| Items                                     | 1991      | 1992      | 1993      | 1994      | 1995      | 1996      | 1997              |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
|   |           |           |           |           |           |           | <b>At current</b> |
| Private final consumption                 | 2 699 590 | 3 067 919 | 3 424 085 | 3 863 801 | 4 219 880 | 4 649 547 | 5 045 523         |
| Government final consumption              | 879 245   | 947 968   | 991 920   | 1 019 848 | 1 088 505 | 1 201 409 | 1 315 530         |
| Gross fixed capital formation             | 1 091 345 | 1 317 814 | 1 521 892 | 1 630 503 | 1 800 902 | 1 780 498 | 1 955 615         |
| Increase in stocks                        | 53 815    | 73 831    | 60 018    | 51 840    | 26 854    | 54 009    | 116 890           |
| Exports of goods and services             | 2 298 364 | 2 349 971 | 2 640 448 | 2 863 439 | 3 423 651 | 3 700 167 | 4 086 532         |
| Less : imports of goods and services      | 2 080 317 | 2 254 701 | 2 544 217 | 2 755 492 | 3 307 035 | 3 441 035 | 3 909 951         |
| Expenditure on the gross domestic product | 4 942 042 | 5 502 802 | 6 094 146 | 6 673 939 | 7 252 757 | 7 944 595 | 8 610 139         |
|   |           |           |           |           |           |           | <b>At 2001</b>    |
| Private final consumption                 | 3 370 890 | 3 682 634 | 3 968 128 | 4 307 534 | 4 549 014 | 4 852 013 | 5 195 524         |
| Government final consumption              | 1 131 904 | 1 174 509 | 1 191 722 | 1 185 653 | 1 231 143 | 1 319 991 | 1 398 881         |
| Gross fixed capital formation             | 1 120 736 | 1 329 871 | 1 488 306 | 1 605 421 | 1 728 678 | 1 759 792 | 1 950 802         |
| Increase in stocks                        | 52 255    | 72 145    | 59 914    | 50 455    | 23 863    | 51 347    | 115 254           |
| Exports of goods and services             | 2 473 916 | 2 649 102 | 2 848 826 | 3 003 309 | 3 381 177 | 3 609 526 | 3 942 835         |
| Less : imports of goods and services      | 2 378 209 | 2 683 909 | 2 903 220 | 3 006 948 | 3 304 846 | 3 504 601 | 3 982 071         |
| Expenditure on the gross domestic product | 5 771 492 | 6 224 352 | 6 653 676 | 7 145 424 | 7 609 029 | 8 088 068 | 8 621 225         |

**Table 95. Cost component of**

| Items                        | 1991      | 1992      | 1993      | 1994      | 1995      | 1996      | 1997              |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
|                              |           |           |           |           |           |           | <b>At current</b> |
| Compensation of employees    | 699 269   | 1 244 976 | 2 274 546 | 3 096 248 | 3 377 989 | 3 959 795 | 4 252 342         |
| Operating surplus            | 448 984   | 719 539   | 1 205 211 | 1 677 596 | 1 862 528 | 2 537 180 | 2 806 738         |
| Consumption of fixed capital | 120 379   | 232 661   | 379 355   | 524 163   | 551 017   | 761 071   | 830 687           |
| Indirect taxes               | 223 667   | 286 281   | 453 479   | 631 177   | 684 050   | 707 519   | 746 018           |
| Less : Subsidies             | 1 240     | 9 671     | 5 548     | 10 808    | 11 984    | 20 970    | 25 646            |
| Gross domestic product       | 1 491 059 | 2 473 786 | 4 307 043 | 5 918 376 | 6 463 600 | 7 944 595 | 8 610 139         |
|                              |           |           |           |           |           |           | <b>At 2001</b>    |
| Domestic factor income       | 4 681 862 | 5 025 787 | 5 389 216 | 5 819 600 | 6 228 522 | 6 646 594 | 7 068 784         |
| Consumption of fixed capital | 520 913   | 580 620   | 612 245   | 647 161   | 683 724   | 764 820   | 850 434           |
| Net indirect taxes           | 568 717   | 617 945   | 652 215   | 678 663   | 696 783   | 676 654   | 702 007           |
| Gross domestic product       | 5 771 492 | 6 224 352 | 6 653 676 | 7 145 424 | 7 609 029 | 8 088 068 | 8 621 225         |

**Note:** Data at current prices before 1996 are compiled on 1968 SNA basis and the others are on 1993 SNA basis.

**product**

Millions of N.T. Dollars

| 1998                   | 1999      | 2000       | 2001      | 2002       | 2003       | 2004       | 2005       | 2006 <sup>Ⓘ</sup> | 2007       |
|------------------------|-----------|------------|-----------|------------|------------|------------|------------|-------------------|------------|
| <b>prices</b>          |           |            |           |            |            |            |            |                   |            |
| 5 436 709              | 5 756 790 | 6 087 237  | 6 129 213 | 6 284 684  | 6 353 294  | 6 718 928  | 7 022 565  | 7 182 821         | 7 447 398  |
| 1 400 527              | 1 362 647 | 1 391 549  | 1 404 434 | 1 430 774  | 1 459 019  | 1 465 293  | 1 498 304  | 1 503 349         | 1 526 203  |
| 2 185 505              | 2 229 266 | 2 394 001  | 1 910 022 | 1 910 937  | 1 957 708  | 2 420 150  | 2 438 435  | 2 517 565         | 2 666 511  |
| 120 014                | 49 908    | - 60 396   | - 98 959  | - 62 389   | - 21 950   | 86 840     | 10 838     | 11 678            | - 8 958    |
| 4 359 785              | 4 562 171 | 5 392 442  | 4 962 598 | 5 443 945  | 5 999 129  | 6 978 144  | 7 358 019  | 8 304 602         | 9 279 737  |
| 4 264 068              | 4 319 889 | 5 172 829  | 4 445 125 | 4 714 605  | 5 227 626  | 6 603 807  | 6 873 434  | 7 630 192         | 8 321 899  |
| 9 238 472              | 9 640 893 | 10 032 004 | 9 862 183 | 10 293 346 | 10 519 574 | 11 065 548 | 11 454 727 | 11 889 823        | 12 588 992 |
| <b>constant prices</b> |           |            |           |            |            |            |            |                   |            |
| 5 517 204              | 5 821 157 | 6 088 178  | 6 129 213 | 6 288 538  | 6 381 440  | 6 665 766  | 6 865 202  | 6 985 985         | 7 164 218  |
| 1 449 934              | 1 387 191 | 1 397 057  | 1 404 434 | 1 433 396  | 1 441 631  | 1 433 873  | 1 449 400  | 1 443 435         | 1 455 124  |
| 2 125 181              | 2 187 673 | 2 384 927  | 1 910 022 | 1 930 437  | 1 963 659  | 2 345 745  | 2 373 586  | 2 388 387         | 2 444 920  |
| 118 911                | 51 674    | - 58 262   | - 98 959  | - 60 948   | - 19 224   | 78 446     | 9 286      | 10 404            | - 8 803    |
| 4 051 926              | 4 526 219 | 5 379 954  | 4 962 598 | 5 490 185  | 6 060 073  | 6 932 458  | 7 460 902  | 8 234 721         | 8 962 516  |
| 4 249 802              | 4 442 489 | 5 110 795  | 4 445 125 | 4 762 163  | 5 146 948  | 6 118 459  | 6 348 824  | 6 676 133         | 6 922 329  |
| 9 013 354              | 9 531 425 | 10 081 059 | 9 862 183 | 10 319 445 | 10 680 631 | 11 337 829 | 11 809 552 | 12 386 799        | 13 095 646 |

**gross domestic product**

Millions of N.T. Dollars

| 1998                   | 1999      | 2000       | 2001      | 2002       | 2003       | 2004       | 2005 <sup>Ⓘ</sup> | 2006       | 2007 |
|------------------------|-----------|------------|-----------|------------|------------|------------|-------------------|------------|------|
| <b>prices</b>          |           |            |           |            |            |            |                   |            |      |
| 4 472 114              | 4 637 590 | 4 877 556  | 4 797 778 | 4 756 134  | 4 871 146  | 5 061 446  | 5 246 179         | 5 419 498  | ...  |
| 3 138 485              | 3 316 026 | 3 351 519  | 3 195 110 | 3 566 420  | 3 625 545  | 3 860 880  | 3 994 800         | 4 200 920  | ...  |
| 911 637                | 1 000 744 | 1 127 141  | 1 247 324 | 1 308 806  | 1 370 020  | 1 436 485  | 1 485 187         | 1 541 999  | ...  |
| 763 598                | 726 094   | 721 550    | 680 937   | 715 860    | 708 866    | 761 457    | 787 173           | 784 842    | ...  |
| 47 362                 | 39 561    | 45 762     | 58 966    | 53 874     | 56 003     | 54 720     | 58 612            | 57 436     | ...  |
| 9 238 472              | 9 640 893 | 10 032 004 | 9 862 183 | 10 293 346 | 10 519 574 | 11 065 548 | 11 454 727        | 11 889 823 | ...  |
| <b>constant prices</b> |           |            |           |            |            |            |                   |            |      |
| 7 427 240              | 7 866 269 | 8 287 405  | 7 992 888 | 8 333 402  | 8 653 507  | 9 198 628  | 9 592 784         | 10 160 392 | ...  |
| 889 153                | 980 256   | 1 117 041  | 1 247 324 | 1 320 870  | 1 361 059  | 1 397 469  | 1 463 561         | 1 476 250  | ...  |
| 696 961                | 684 900   | 676 613    | 621 971   | 665 173    | 666 065    | 741 732    | 753 207           | 750 157    | ...  |
| 9 013 354              | 9 531 425 | 10 081 059 | 9 862 183 | 10 319 445 | 10 680 631 | 11 337 829 | 11 809 552        | 12 386 799 | ...  |

**Table 96. Gross domestic product**

| Items   | 1993      | 1994      | 1995      | 1996      | 1997      | 1998      |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| Agriculture, forestry, fishing and animal husbandry | 212 671   | 224 524   | 241 458   | 242 608   | 208 671   | 218 083   |
| Mining and quarrying                                | 46 582    | 34 268    | 34 221    | 32 529    | 39 777    | 47 391    |
| Manufacturing                                       | 1 709 285 | 1 768 140 | 1 836 527 | 2 023 750 | 2 167 954 | 2 292 508 |
| Electricity, gas and water                          | 151 270   | 161 042   | 167 355   | 176 996   | 182 230   | 192 677   |
| Construction  | 280 763   | 319 320   | 339 477   | 342 125   | 354 836   | 351 976   |
| Trade   | 781 468   | 875 552   | 999 640   | 1 131 919 | 1 245 986 | 1 378 011 |
| Accommodation and eating-drinking places            | 102 761   | 114 122   | 126 804   | 143 969   | 162 274   | 178 902   |
| Transport, storage and communication                | 364 056   | 402 745   | 437 752   | 480 207   | 519 774   | 579 815   |
| Finance, insurance                                  | 503 892   | 605 535   | 643 638   | 707 209   | 868 202   | 915 388   |
| Real estate, rental and leasing                     | 473 441   | 548 895   | 638 029   | 712 831   | 745 985   | 797 031   |
| Professional, scientific and technical services     | 85 558    | 101 671   | 117 535   | 135 052   | 154 836   | 175 008   |
| Education services                                  | 59 412    | 69 368    | 82 617    | 100 374   | 116 005   | 130 259   |
| Health care and social welfare services             | 120 382   | 134 353   | 159 139   | 181 084   | 202 404   | 228 315   |
| Cultural, sporting and recreational services        | 70 750    | 79 159    | 91 048    | 102 863   | 113 164   | 127 233   |
| Other services                                      | 125 883   | 141 155   | 156 868   | 173 466   | 191 292   | 213 633   |
| Industries, total                                   | 5 088 174 | 5 579 849 | 6 072 108 | 6 686 982 | 7 273 390 | 7 826 230 |
| Producers of government services                    | 670 648   | 720 736   | 792 653   | 869 778   | 930 743   | 986 189   |
| Other producers                                     | 46 003    | 62 367    | 63 187    | 81 696    | 83 079    | 102 083   |
| Subtotal  | 5 804 825 | 6 362 952 | 6 927 948 | 7 638 456 | 8 287 212 | 8 914 502 |
| Plus : Import duties                                | 152 468   | 160 638   | 172 007   | 150 456   | 158 030   | 153 416   |
| Plus : Value-added tax                              | 136 853   | 150 349   | 152 802   | 155 683   | 164 897   | 170 554   |
| Gross domestic product                              | 6 094 146 | 6 673 939 | 7 252 757 | 7 944 595 | 8 610 139 | 9 238 472 |

**Table 97. National income and**

| Items  | 1992      | 1993      | 1994      | 1995      | 1996      | 1997      |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| 1. Compensation of employees   | 2 822 276 | 3 096 248 | 3 377 989 | 3 665 726 | 3 959 795 | 4 252 342 |
| 2. Operating surplus   | 1 477 581 | 1 677 596 | 1 862 528 | 2 047 922 | 2 537 180 | 2 806 738 |
| Domestic factor income   | 4 299 857 | 4 773 844 | 5 240 517 | 5 713 648 | 6 496 975 | 7 059 080 |
| 3. Compensation of employees from the rest of the world, net           | 527       | - 377     | - 1 952   | - 3 037   | - 4 667   | - 5 568   |
| 4. Property and entrepreneurial income from the rest of the world, net | 120 335   | 114 181   | 109 361   | 114 235   | 114 167   | 95 179    |
| 5. Indirect taxes  | 572 545   | 631 177   | 684 050   | 724 289   | 707 519   | 746 018   |
| 6. Less : Subsidies  | 9 156     | 10 808    | 11 984    | 13 092    | 20 970    | 25 646    |
| National income in market prices                                       | 4 984 108 | 5 508 017 | 6 019 992 | 6 536 043 | 7 293 024 | 7 869 063 |
| 7. Other current transfers from the rest of the world, net             | 4 050     | - 22 040  | - 40 957  | - 77 498  | - 68 282  | - 63 404  |
| National disposable income   | 4 988 158 | 5 485 977 | 5 979 035 | 6 458 545 | 7 224 742 | 7 805 659 |

**Note:** Data from 1996 onward are compiled on 1993 SNA basis and the previous years are on 1968 SNA basis.

**by kind of industry**

Millions of N.T. Dollars

| 1999      | 2000       | 2001      | 2002       | 2003       | 2004       | 2005 <sup>(I)</sup> | 2006 <sup>(I)</sup> | 2007       |
|-----------|------------|-----------|------------|------------|------------|---------------------|---------------------|------------|
| 234 625   | 199 011    | 182 826   | 178 590    | 174 665    | 181 475    | 189 759             | 193 142             | 182 204    |
| 45 735    | 39 490     | 36 363    | 39 881     | 33 474     | 37 096     | 35 375              | 38 358              | 51 111     |
| 2 315 723 | 2 383 811  | 2 241 237 | 2 437 076  | 2 492 199  | 2 624 232  | 2 658 475           | 2 718 392           | 2 990 872  |
| 196 935   | 195 447    | 194 639   | 198 845    | 199 849    | 177 465    | 177 336             | 176 308             | 147 075    |
| 324 707   | 299 070    | 251 810   | 235 345    | 216 117    | 211 830    | 227 548             | 257 757             | 273 326    |
| 1 504 606 | 1 631 889  | 1 593 282 | 1 664 347  | 1 710 800  | 1 887 924  | 2 034 999           | 2 183 040           | 2 341 187  |
| 191 572   | 208 397    | 209 416   | 208 912    | 208 306    | 223 568    | 240 303             | 255 169             | 267 366    |
| 618 922   | 633 979    | 636 122   | 658 072    | 654 283    | 697 265    | 704 576             | 716 393             | 748 370    |
| 975 017   | 1 007 516  | 1 011 592 | 1 075 257  | 1 110 613  | 1 164 420  | 1 194 490           | 1 187 042           | 1 264 391  |
| 818 465   | 856 928    | 859 534   | 849 583    | 875 808    | 901 593    | 925 530             | 982 343             | 1 025 350  |
| 197 973   | 220 969    | 229 160   | 233 270    | 237 202    | 258 881    | 269 565             | 299 017             | 339 796    |
| 147 207   | 163 951    | 179 729   | 187 974    | 194 727    | 201 749    | 209 529             | 218 494             | 226 543    |
| 249 471   | 267 210    | 284 452   | 302 727    | 309 369    | 321 811    | 341 128             | 363 173             | 379 093    |
| 136 919   | 147 536    | 151 908   | 152 956    | 157 141    | 164 341    | 171 138             | 179 430             | 187 825    |
| 234 247   | 254 012    | 275 588   | 294 596    | 306 676    | 318 737    | 336 544             | 357 569             | 381 923    |
| 8 192 124 | 8 509 216  | 8 337 658 | 8 717 431  | 8 881 229  | 9 372 387  | 9 716 295           | 10 125 627          | 10 806 432 |
| 1 039 025 | 1 090 402  | 1 122 707 | 1 144 862  | 1 203 008  | 1 230 357  | 1 256 082           | 1 275 326           | 1 280 992  |
| 96 754    | 107 783    | 115 471   | 121 921    | 117 947    | 123 571    | 131 075             | 138 216             | 140 445    |
| 9 327 903 | 9 707 401  | 9 575 836 | 9 984 214  | 10 202 184 | 10 726 315 | 11 103 452          | 11 539 169          | 12 227 869 |
| 139 348   | 146 443    | 119 100   | 126 370    | 128 710    | 126 147    | 135 383             | 135 686             | 138 047    |
| 173 642   | 178 160    | 167 247   | 182 762    | 188 680    | 213 086    | 215 892             | 214 968             | 223 076    |
| 9 640 893 | 10 032 004 | 9 862 183 | 10 293 346 | 10 519 574 | 11 065 548 | 11 454 727          | 11 889 823          | 12 588 992 |

**national disposable income**

Millions of N.T. Dollars

| 1998      | 1999      | 2000      | 2001      | 2002      | 2003      | 2004       | 2005 <sup>(I)</sup> | 2006       |
|-----------|-----------|-----------|-----------|-----------|-----------|------------|---------------------|------------|
| 4 472 114 | 4 637 590 | 4 877 556 | 4 797 778 | 4 756 134 | 4 871 146 | 5 061 446  | 5 246 179           | 5 419 498  |
| 3 138 485 | 3 316 026 | 3 351 519 | 3 195 110 | 3 566 420 | 3 625 545 | 3 860 880  | 3 994 800           | 4 200 920  |
| 7 610 599 | 7 953 616 | 8 229 075 | 7 992 888 | 8 322 554 | 8 496 691 | 8 922 326  | 9 240 979           | 9 620 418  |
| - 12 546  | - 12 747  | - 14 681  | - 12 680  | - 10 857  | - 12 390  | - 9 660    | - 7 433             | - 3 611    |
| 81 097    | 103 265   | 154 239   | 204 704   | 253 359   | 341 263   | 381 759    | 298 299             | 315 310    |
| 763 598   | 726 094   | 721 550   | 680 937   | 715 860   | 708 866   | 761 457    | 787 173             | 784 842    |
| 47 362    | 39 561    | 45 762    | 58 966    | 53 874    | 56 003    | 54 720     | 58 612              | 57 436     |
| 8 395 386 | 8 730 667 | 9 044 421 | 8 806 883 | 9 227 042 | 9 478 427 | 10 001 162 | 10 260 406          | 10 659 523 |
| - 51 088  | - 74 770  | - 81 336  | - 92 444  | - 86 171  | - 93 586  | - 127 855  | - 137 211           | - 128 018  |
| 8 344 298 | 8 655 897 | 8 963 085 | 8 714 439 | 9 140 871 | 9 384 841 | 9 873 307  | 10 123 195          | 10 531 505 |

**Table 98. Capital**

| Items  | 1990      | 1991      | 1992      | 1993      | 1994      | 1995      | 1996      |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Saving   | 914 586   | 1 013 696 | 1 106 887 | 1 213 440 | 1 264 001 | 1 334 724 | 1 373 786 |
| Consumption of fixed capital   | 379 355   | 435 134   | 475 706   | 524 163   | 551 017   | 593 088   | 761 071   |
| Capital transfers from the rest of the world, net                      | -         | -         | - 9 900   | - 8 658   | - 9 097   | - 17 538  | - 17 939  |
| Finance of gross accumulation  | 1 293 941 | 1 448 830 | 1 572 693 | 1 728 945 | 1 805 921 | 1 910 274 | 2 116 918 |
| Increase in stocks   | 28 539    | 53 815    | 73 831    | 60 018    | 51 840    | 26 854    | 54 009    |
| Gross fixed capital formation  | 965 580   | 1 066 604 | 1 288 580 | 1 489 590 | 1 588 779 | 1 750 642 | 1 780 498 |
| Purchases of intangible assests n.e.c. from the rest of the world, net | -         | -         | -         | -         | -         | -         | -         |
| Net lending to the rest of the world                                   | 299 822   | 328 411   | 210 282   | 179 337   | 165 302   | 132 778   | 282 411   |
| Gross accumulation   | 1 293 941 | 1 448 830 | 1 572 693 | 1 728 945 | 1 805 921 | 1 910 274 | 2 116 918 |

**Table 99. External**

| Items  | 1990      | 1991      | 1992      | 1993      | 1994      | 1995      | 1996      |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Exports of goods and services                                  | 2 013 953 | 2 280 505 | 2 324 857 | 2 608 915 | 2 821 162 | 3 366 997 | 3 700 167 |
| Compensation of employees from the rest of the world           | 1 049     | 3 460     | 3 524     | 3 376     | 3 123     | 3 763     | 4 697     |
| Property and entrepreneurial income from the rest of the world | 188 203   | 201 659   | 184 449   | 175 993   | 185 266   | 211 603   | 177 984   |
| Other current transfers from the rest of the world             | 44 664    | 49 161    | 55 365    | 48 386    | 57 351    | 61 250    | 68 586    |
| Current receipts   | 2 247 869 | 2 534 785 | 2 568 195 | 2 836 670 | 3 066 902 | 3 643 613 | 3 951 434 |
| Imports of goods and services                                  | 1 799 318 | 2 062 458 | 2 229 587 | 2 512 684 | 2 713 215 | 3 250 381 | 3 441 035 |
| Compensation of employees to the rest of the world             | 1 748     | 2 467     | 2 997     | 3 753     | 5 075     | 6 800     | 9 364     |
| Property and entrepreneurial income to the rest of the world   | 82 552    | 85 556    | 64 114    | 61 812    | 75 905    | 97 368    | 63 817    |
| Other current transfers to the rest of the world               | 64 429    | 55 893    | 51 315    | 70 426    | 98 308    | 138 748   | 136 868   |
| Surplus of the nation on current transaction                   | 299 822   | 328 411   | 220 182   | 187 995   | 174 399   | 150 316   | 300 350   |
| Disposal of current receipts                                   | 2 247 869 | 2 534 785 | 2 568 195 | 2 836 670 | 3 066 902 | 3 643 613 | 3 951 434 |

**Note:** Data from 1996 onward are compiled on 1993 SNA basis and the previous years are on 1968 SNA basis.



**finance**

Millions of N.T. Dollars

| 1997      | 1998      | 1999      | 2000      | 2001      | 2002      | 2003      | 2004      | 2005 <sup>Ⓘ</sup> | 2006      |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-----------|
| 1 444 606 | 1 507 062 | 1 536 460 | 1 484 299 | 1 180 792 | 1 425 413 | 1 572 528 | 1 689 086 | 1 602 326         | 1 845 335 |
| 830 687   | 911 637   | 1 000 744 | 1 127 141 | 1 247 324 | 1 308 806 | 1 370 020 | 1 436 485 | 1 485 187         | 1 541 999 |
| - 9 013   | - 6 056   | - 5 583   | - 8 964   | - 4 125   | - 3 320   | - 2 375   | - 2 507   | - 2 285           | - 1 789   |
| 2 266 280 | 2 412 643 | 2 531 621 | 2 602 476 | 2 423 991 | 2 730 899 | 2 940 173 | 3 123 064 | 3 085 228         | 3 385 545 |
| 116 890   | 120 014   | 49 908    | - 60 396  | - 98 959  | - 62 389  | - 21 950  | 86 840    | 10 838            | 11 678    |
| 1 955 615 | 2 185 505 | 2 229 266 | 2 394 001 | 1 910 022 | 1 910 937 | 1 957 708 | 2 420 150 | 2 438 435         | 2 517 565 |
| -         | -         | -         | -         | 1 386     | 1 487     | 620       | 67        | 1 480             | 2 050     |
| 193 775   | 107 124   | 252 447   | 268 871   | 611 542   | 880 864   | 1 003 795 | 616 007   | 634 475           | 854 252   |
| 2 266 280 | 2 412 643 | 2 531 621 | 2 602 476 | 2 423 991 | 2 730 899 | 2 940 173 | 3 123 064 | 3 085 228         | 3 385 545 |

**transactions**

Millions of N.T. Dollars

| 1997      | 1998      | 1999      | 2000      | 2001      | 2002      | 2003      | 2004      | 2005 <sup>Ⓘ</sup> | 2006      |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-----------|
| 4 086 532 | 4 359 785 | 4 562 171 | 5 392 442 | 4 962 598 | 5 443 945 | 5 999 129 | 6 978 144 | 7 358 019         | 8 304 602 |
| 7 549     | 7 829     | 9 197     | 8 558     | 8 115     | 7 677     | 7 435     | 7 755     | 8 560             | 9 597     |
| 191 047   | 208 999   | 215 564   | 277 742   | 307 259   | 349 662   | 439 702   | 509 847   | 551 162           | 619 526   |
| 83 182    | 98 461    | 100 876   | 100 015   | 88 151    | 90 631    | 92 002    | 105 960   | 111 436           | 124 829   |
| 4 368 310 | 4 675 074 | 4 887 808 | 5 778 757 | 5 366 123 | 5 891 915 | 6 538 268 | 7 601 706 | 8 029 177         | 9 058 554 |
| 3 909 951 | 4 264 068 | 4 319 889 | 5 172 829 | 4 445 125 | 4 714 605 | 5 227 626 | 6 603 807 | 6 873 434         | 7 630 192 |
| 13 117    | 20 375    | 21 944    | 23 239    | 20 795    | 18 534    | 19 825    | 17 415    | 15 993            | 13 208    |
| 95 868    | 127 902   | 112 299   | 123 503   | 102 555   | 96 303    | 98 439    | 128 088   | 252 863           | 304 216   |
| 146 586   | 149 549   | 175 646   | 181 351   | 180 595   | 176 802   | 185 588   | 233 815   | 248 647           | 252 847   |
| 202 788   | 113 180   | 258 030   | 277 835   | 617 053   | 885 671   | 1 006 790 | 618 581   | 638 240           | 858 091   |
| 4 368 310 | 4 675 074 | 4 887 808 | 5 778 757 | 5 366 123 | 5 891 915 | 6 538 268 | 7 601 706 | 8 029 177         | 9 058 554 |

Table 100. Governmental final

| Items  | 1997      | 1998      | 1999                           |
|--|-----------|-----------|--------------------------------|
|  |           |           | <b>At current</b>              |
| <b>By cost-composition</b>                       |           |           |                                |
| 1. Gross output of government services producers | 1 367 160 | 1 465 707 | 1 428 106                      |
| Compensation of employees                        | 779 281   | 816 473   | 852 323                        |
| Consumption of fixed capital                     | 151 462   | 169 716   | 186 702                        |
| Intermediate consumption                         | 436 417   | 479 518   | 389 081                        |
| 2. Less : Sales                                  | 55 608    | 70 642    | 72 272                         |
| 3. Less : Own-account fixed capital formation    | 958       | 966       | 985                            |
| 4. Plus : Social welfare and assistance in kind  | 4 936     | 6 428     | 7 798                          |
| <b>By function</b>                               |           |           |                                |
| 1. General public service                        | 156 849   | 170 062   | 192 912                        |
| 2. Defence                                       | 343 541   | 372 760   | 248 832                        |
| 3. Public order and safety                       | 99 873    | 103 761   | 117 692                        |
| 4. Economic affairs                              | 182 824   | 202 833   | 219 688                        |
| 5. Environmental protection                      | 35 437    | 38 264    | 46 144                         |
| 6. Housing and community amenities               | 10 552    | 10 492    | 8 256                          |
| 7. Health  | 25 793    | 24 382    | 24 897                         |
| 8. Recreational, cultural and religion           | 13 390    | 15 536    | 18 050                         |
| 9. Education                                     | 236 265   | 249 667   | 270 063                        |
| 10. Social protection                            | 211 006   | 212 770   | 216 113                        |
| Government final consumption expenditure         | 1 315 530 | 1 400 527 | 1 362 647                      |
|  |           |           | <b>At 2001 constant prices</b> |
| <b>By cost-composition</b>                       |           |           |                                |
| 1. Gross output of government services producers | 1 454 436 | 1 519 240 | 1 455 673                      |
| Compensation of Employees                        | 848 584   | 862 180   | 874 891                        |
| Consumption of fixed capital                     | 148 868   | 164 081   | 183 113                        |
| Intermediate consumption                         | 456 984   | 492 979   | 397 669                        |
| 2. Less : Sales                                  | 59 716    | 74 992    | 75 504                         |
| 3. Less : Own-account fixed capital formation    | 1 039     | 1 016     | 1 012                          |
| 4. Plus : Social welfare and assistance in kind  | 5 200     | 6 702     | 8 034                          |
| Government final consumption expenditure         | 1 398 881 | 1 449 934 | 1 387 191                      |

Note: Data from 1996 onward are compiled on 1993 SNA basis

**consumption expenditure**

Millions of N.T. Dollars

| 2000                   | 2001      | 2002      | 2003      | 2004      | 2005 <sup>(1)</sup> | 2006      |
|------------------------|-----------|-----------|-----------|-----------|---------------------|-----------|
| <b>prices</b>          |           |           |           |           |                     |           |
| 1 472 787              | 1 477 915 | 1 507 094 | 1 537 931 | 1 552 360 | 1 588 436           | 1 592 853 |
| 886 506                | 902 229   | 908 686   | 952 860   | 958 983   | 976 014             | 983 263   |
| 203 896                | 220 478   | 236 176   | 250 148   | 271 374   | 280 068             | 292 063   |
| 382 385                | 355 208   | 362 232   | 334 923   | 322 003   | 332 354             | 317 527   |
| 88 961                 | 84 753    | 88 053    | 91 477    | 101 034   | 104 908             | 107 085   |
| 1 109                  | 1 298     | 1 329     | 1 372     | 1 400     | 1 472               | 1 452     |
| 8 832                  | 12 570    | 13 062    | 13 937    | 15 367    | 16 248              | 19 033    |
| 187 895                | 191 973   | 205 424   | 199 143   | 180 715   | 189 799             | 176 495   |
| 240 481                | 249 904   | 242 833   | 239 727   | 264 187   | 256 997             | 240 833   |
| 121 349                | 133 416   | 139 642   | 140 484   | 140 832   | 149 555             | 155 989   |
| 236 050                | 237 593   | 254 701   | 270 403   | 271 093   | 275 241             | 288 183   |
| 48 871                 | 43 499    | 44 498    | 47 777    | 47 527    | 49 375              | 49 774    |
| 6 629                  | 10 990    | 7 422     | 6 085     | 9 391     | 15 674              | 13 700    |
| 24 213                 | 19 566    | 20 093    | 20 461    | 20 789    | 22 889              | 25 717    |
| 17 264                 | 16 571    | 16 886    | 17 029    | 18 091    | 18 516              | 20 971    |
| 290 003                | 287 255   | 298 754   | 311 026   | 311 908   | 324 429             | 335 626   |
| 218 794                | 213 667   | 200 521   | 206 884   | 200 760   | 195 829             | 196 061   |
| 1 391 549              | 1 404 434 | 1 430 774 | 1 459 019 | 1 465 293 | 1 498 304           | 1 503 349 |
| <b>constant prices</b> |           |           |           |           |                     |           |
| 1 479 788              | 1 477 915 | 1 509 561 | 1 520 621 | 1 520 169 | 1 538 236           | 1 530 867 |
| 893 380                | 902 229   | 909 625   | 934 961   | 942 690   | 946 950             | 950 128   |
| 202 286                | 220 478   | 237 199   | 249 001   | 257 265   | 265 096             | 270 414   |
| 384 122                | 355 208   | 362 737   | 336 659   | 320 214   | 326 190             | 310 325   |
| 90 518                 | 84 753    | 87 956    | 91 624    | 100 135   | 103 234             | 104 234   |
| 1 121                  | 1 298     | 1 335     | 1 362     | 1 389     | 1 447               | 1 421     |
| 8 908                  | 12 570    | 13 126    | 13 996    | 15 228    | 15 845              | 18 223    |
| 1 397 057              | 1 404 434 | 1 433 396 | 1 441 631 | 1 433 873 | 1 449 400           | 1 443 435 |

Table 101. Private final

| Items  | 1991      | 1992      | 1993      | 1994      | 1995      | 1996              |
|--|-----------|-----------|-----------|-----------|-----------|-------------------|
|  |           |           |           |           |           | <b>At current</b> |
| 1. Food  | 615 230   | 693 448   | 757 473   | 841 613   | 908 475   | 981 288           |
| 2. Beverages   | 93 781    | 98 084    | 104 911   | 113 693   | 122 545   | 136 420           |
| 3. Tobacco   | 41 755    | 41 899    | 43 247    | 45 825    | 48 898    | 52 423            |
| 4. Clothing and footwear                                       | 127 302   | 143 371   | 156 009   | 170 389   | 191 425   | 211 133           |
| 5. Fuel and power  | 74 526    | 78 109    | 83 457    | 88 099    | 94 884    | 100 735           |
| 6. Rent and water charges                                      | 418 724   | 496 373   | 571 123   | 657 557   | 736 005   | 811 533           |
| 7. Furniture, furnishings and household equipment              | 73 462    | 85 352    | 97 879    | 111 300   | 127 306   | 146 031           |
| 8. Household operation   | 53 792    | 62 248    | 71 981    | 82 213    | 97 281    | 111 924           |
| 9. Medical care and health expenditure                         | 173 648   | 204 750   | 234 521   | 262 483   | 313 349   | 355 249           |
| 10. Recreation, entertainment, education and cultural services | 427 777   | 494 896   | 572 593   | 631 946   | 703 836   | 782 142           |
| 11. Transport and communication                                | 346 627   | 385 311   | 425 156   | 462 208   | 490 141   | 514 261           |
| 12. Other goods and services                                   | 252 966   | 284 078   | 305 735   | 396 475   | 385 735   | 446 408           |
| Private final consumption expenditure                          | 2 699 590 | 3 067 919 | 3 424 085 | 3 863 801 | 4 219 880 | 4 649 547         |
| Durable goods  | 244 710   | 277 676   | 301 289   | 334 964   | 347 661   | 353 430           |
| Semi-durable goods   | 258 713   | 296 656   | 324 361   | 351 328   | 377 541   | 408 436           |
| Non-durable goods  | 1 032 643 | 1 146 717 | 1 245 018 | 1 363 793 | 1 477 663 | 1 607 551         |
| Services   | 1 163 524 | 1 346 870 | 1 553 417 | 1 813 716 | 2 017 015 | 2 280 130         |
|  |           |           |           |           |           | <b>At 2001</b>    |
| 1. Food  | 807 282   | 846 739   | 889 546   | 925 389   | 957 385   | 995 341           |
| 2. Beverages   | 102 405   | 107 764   | 115 891   | 125 865   | 134 369   | 142 988           |
| 3. Tobacco   | 44 604    | 44 720    | 46 037    | 48 401    | 50 923    | 53 566            |
| 4. Clothing and footwear                                       | 122 796   | 137 270   | 151 988   | 166 910   | 182 162   | 196 109           |
| 5. Fuel and power  | 82 233    | 86 112    | 92 175    | 97 073    | 101 924   | 106 720           |
| 6. Rent and water charges                                      | 549 383   | 617 184   | 670 109   | 735 155   | 796 158   | 856 384           |
| 7. Furniture, furnishings and household equipment              | 75 859    | 87 474    | 97 886    | 108 329   | 120 925   | 137 473           |
| 8. Household operation   | 74 827    | 84 119    | 93 100    | 102 463   | 112 585   | 127 552           |
| 9. Medical care and health expenses                            | 209 162   | 234 951   | 264 157   | 290 712   | 338 372   | 377 419           |
| 10. Recreation, entertainment, education and cultural services | 621 074   | 682 767   | 744 033   | 780 288   | 833 136   | 871 408           |
| 11. Transport and communication                                | 364 470   | 409 125   | 448 098   | 485 124   | 501 859   | 519 256           |
| 12. Other goods and services                                   | 316 795   | 344 409   | 355 108   | 441 825   | 419 216   | 467 797           |
| Private final consumption expenditure                          | 3 370 890 | 3 682 634 | 3 968 128 | 4 307 534 | 4 549 014 | 4 852 013         |
| Durable goods  | 239 648   | 271 088   | 292 279   | 319 557   | 324 550   | 326 894           |
| Semi-durable goods   | 261 199   | 298 748   | 321 713   | 342 852   | 357 509   | 379 488           |
| Non-durable goods  | 1 280 586 | 1 362 374 | 1 442 273 | 1 515 731 | 1 579 705 | 1 650 142         |
| Services   | 1 589 457 | 1 750 424 | 1 911 863 | 2 129 394 | 2 287 250 | 2 495 489         |

## consumption expenditure

Millions of N.T. Dollars

| 1997                   | 1998      | 1999      | 2000      | 2001      | 2002 <sup>Ⓘ</sup> | 2003 <sup>Ⓘ</sup> | 2004 <sup>Ⓘ</sup> | 2005 <sup>Ⓘ</sup> | 2006      |
|------------------------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|-------------------|-----------|
| <b>prices</b>          |           |           |           |           |                   |                   |                   |                   |           |
| 1 022 837              | 1 120 132 | 1 183 876 | 1 236 806 | 1 247 227 | 1 261 227         | 1 285 601         | 1 358 950         | 1 459 700         | 1 493 883 |
| 151 482                | 158 449   | 158 615   | 160 141   | 157 490   | 161 745           | 162 114           | 163 415           | 163 662           | 167 288   |
| 56 083                 | 57 891    | 58 370    | 60 242    | 61 718    | 71 335            | 71 638            | 71 809            | 72 167            | 78 492    |
| 229 326                | 234 614   | 243 707   | 251 020   | 251 620   | 255 077           | 246 869           | 265 139           | 267 812           | 261 869   |
| 111 059                | 119 666   | 120 715   | 130 201   | 135 047   | 135 946           | 141 130           | 144 093           | 155 611           | 160 612   |
| 848 873                | 893 158   | 933 843   | 957 322   | 972 412   | 973 414           | 979 591           | 990 680           | 1 009 804         | 1 035 601 |
| 156 885                | 169 385   | 174 308   | 182 019   | 177 447   | 183 401           | 187 733           | 201 686           | 206 046           | 214 131   |
| 125 173                | 140 480   | 150 325   | 161 777   | 171 269   | 176 311           | 177 894           | 186 806           | 194 064           | 202 947   |
| 393 237                | 431 469   | 469 765   | 493 863   | 516 748   | 541 498           | 561 720           | 586 389           | 615 803           | 648 248   |
| 866 169                | 936 227   | 1 028 807 | 1 127 065 | 1 152 019 | 1 176 737         | 1 166 485         | 1 282 825         | 1 327 602         | 1 379 028 |
| 543 232                | 588 018   | 648 407   | 709 315   | 723 232   | 752 911           | 786 180           | 859 265           | 918 439           | 888 643   |
| 541 167                | 587 220   | 586 052   | 617 466   | 562 984   | 595 082           | 586 339           | 607 871           | 631 855           | 652 079   |
| 5 045 523              | 5 436 709 | 5 756 790 | 6 087 237 | 6 129 213 | 6 284 684         | 6 353 294         | 6 718 928         | 7 022 565         | 7 182 821 |
| 389 884                | 432 922   | 475 997   | 498 572   | 506 647   | 457 432           | 461 107           | 466 142           | 554 875           | 492 993   |
| 439 097                | 436 312   | 459 226   | 481 062   | 478 808   | 492 768           | 482 853           | 502 867           | 468 371           | 463 939   |
| 1 710 833              | 1 849 539 | 1 936 853 | 2 045 528 | 2 062 697 | 2 090 067         | 2 134 355         | 2 240 938         | 2 443 263         | 2 530 896 |
| 2 505 709              | 2 717 936 | 2 884 714 | 3 062 075 | 3 081 061 | 3 244 417         | 3 274 979         | 3 508 981         | 3 556 056         | 3 694 993 |
| <b>constant prices</b> |           |           |           |           |                   |                   |                   |                   |           |
| 1 049 114              | 1 106 099 | 1 173 540 | 1 223 105 | 1 247 227 | 1 259 047         | 1 284 165         | 1 310 115         | 1 323 107         | 1 351 107 |
| 150 271                | 156 626   | 156 749   | 159 281   | 157 490   | 147 498           | 148 115           | 148 199           | 148 578           | 152 458   |
| 55 998                 | 57 818    | 58 302    | 60 143    | 61 718    | 54 885            | 55 047            | 55 117            | 55 353            | 54 228    |
| 211 773                | 227 785   | 240 050   | 246 814   | 251 620   | 254 106           | 242 726           | 252 935           | 254 911           | 255 145   |
| 113 182                | 122 281   | 125 532   | 130 677   | 135 047   | 137 495           | 142 106           | 143 011           | 150 672           | 148 822   |
| 878 449                | 903 630   | 938 388   | 960 027   | 972 412   | 983 905           | 1 001 237         | 1 018 974         | 1 039 112         | 1 063 366 |
| 149 020                | 160 724   | 167 312   | 175 979   | 177 447   | 187 924           | 197 363           | 213 453           | 216 669           | 223 886   |
| 139 019                | 150 820   | 160 777   | 168 465   | 171 269   | 174 533           | 178 376           | 185 152           | 192 570           | 202 450   |
| 409 867                | 445 856   | 480 693   | 498 842   | 516 748   | 539 674           | 552 354           | 565 847           | 586 658           | 612 082   |
| 938 289                | 992 591   | 1 069 227 | 1 140 389 | 1 152 019 | 1 175 552         | 1 179 653         | 1 296 184         | 1 343 768         | 1 393 398 |
| 543 434                | 597 614   | 664 998   | 709 653   | 723 232   | 775 613           | 805 271           | 860 774           | 916 831           | 872 718   |
| 557 108                | 595 360   | 585 589   | 614 803   | 562 984   | 598 306           | 595 027           | 616 005           | 636 973           | 656 325   |
| 5 195 524              | 5 517 204 | 5 821 157 | 6 088 178 | 6 129 213 | 6 288 538         | 6 381 440         | 6 665 766         | 6 865 202         | 6 985 985 |
| 366 170                | 412 984   | 460 346   | 488 495   | 506 647   | 468 549           | 486 278           | 493 227           | 595 089           | 534 191   |
| 407 940                | 423 492   | 446 245   | 467 411   | 478 808   | 495 278           | 483 479           | 499 914           | 471 711           | 477 293   |
| 1 745 945              | 1 843 116 | 1 943 412 | 2 033 135 | 2 062 697 | 2 079 951         | 2 109 892         | 2 146 873         | 2 242 198         | 2 284 186 |
| 2 675 469              | 2 837 612 | 2 971 154 | 3 099 137 | 3 081 061 | 3 244 760         | 3 301 791         | 3 525 752         | 3 556 204         | 3 690 315 |

Table 102. Gross capital

| Items  | 1992      | 1993      | 1994      | 1995      | 1996              |
|--|-----------|-----------|-----------|-----------|-------------------|
|  |           |           |           |           | <b>At current</b> |
| <b>A. By type of capital goods</b>                             |           |           |           |           |                   |
| a. Gross fixed capital formation                               | 1 288 580 | 1 489 590 | 1 588 779 | 1 750 642 | 1 780 498         |
| 1. Residential building  | 171 703   | 250 852   | 237 929   | 226 899   | 184 791           |
| 2. Non-residential building                                    | 207 353   | 222 486   | 247 583   | 294 116   | 292 515           |
| 3. Other construction except land improvement                  | 275 129   | 341 895   | 375 363   | 389 564   | 391 857           |
| 4. Land improvement and plantation and orchard development     | 15 518    | 18 372    | 12 295    | 10 098    | 16 170            |
| 5. Transport equipment   | 125 970   | 128 860   | 119 880   | 126 756   | 106 288           |
| 6. Machinery and equipment                                     | 491 488   | 523 910   | 591 958   | 699 427   | 731 706           |
| 7. Breeding stock, draught animals, dairy cattle and the like  | 1 419     | 3 215     | 3 771     | 3 782     | 4 039             |
| 8. Intangible fixed assets                                     |           |           |           |           | 53 132            |
| b. Increase in stocks  | 73 831    | 60 018    | 51 840    | 26 854    | 54 009            |
| Gross capital formation  | 1 362 411 | 1 549 608 | 1 640 619 | 1 777 496 | 1 834 507         |
| <b>B. By kind of activity</b>                                  |           |           |           |           |                   |
| a. Gross fixed capital formation                               | 1 288 580 | 1 489 590 | 1 588 779 | 1 750 642 | 1 780 498         |
| Industries   | 934 698   | 1 058 661 | 1 111 095 | 1 248 681 | 1 283 641         |
| 1. Agriculture, forestry, fishing and animal husbandry         | 22 594    | 23 076    | 23 864    | 24 041    | 27 418            |
| 2. Mining and quarrying  | 1 818     | 2 276     | 1 940     | 1 614     | 3 645             |
| 3. Manufacturing   | 308 362   | 322 899   | 382 816   | 462 851   | 509 154           |
| 4. Electricity, gas and water                                  | 93 164    | 105 817   | 105 614   | 123 726   | 118 273           |
| 5. Construction  | 18 358    | 21 192    | 19 447    | 19 153    | 16 957            |
| 6. Trade   | 52 455    | 60 840    | 72 834    | 83 755    | 94 981            |
| 7. Accommodation and eating-drinking places                    | 8 461     | 9 305     | 9 536     | 11 255    | 12 438            |
| 8. Transport, storage and communication                        | 146 284   | 140 059   | 122 097   | 119 094   | 117 736           |
| 9. Finance, insurance  | 38 372    | 31 055    | 35 703    | 50 071    | 64 018            |
| 10. Real estate, rental and leasing                            | 184 101   | 268 837   | 257 135   | 249 434   | 207 075           |
| 11. Professional, scientific and technical services            | 6 950     | 9 131     | 11 641    | 15 107    | 20 246            |
| 12. Education services   | 15 410    | 19 306    | 21 061    | 28 836    | 26 540            |
| 13. Health care and social welfare services                    | 16 248    | 17 096    | 16 917    | 23 482    | 27 324            |
| 14. Cultural, sporting and recreational services               | 13 668    | 18 164    | 20 256    | 24 083    | 24 896            |
| 15. Other services   | 8 454     | 9 609     | 10 234    | 12 180    | 12 940            |
| Producers of government services                               | 350 403   | 426 825   | 473 307   | 496 998   | 491 749           |
| Producers of private nonprofit institutions serving households | 3 479     | 4 104     | 4 377     | 4 963     | 5 108             |
| b. Increase in stocks  | 73 831    | 60 018    | 51 840    | 26 854    | 54 009            |
| 1. Goods producing industries                                  | 35 640    | 943       | 26 551    | 22 495    | 44 470            |
| 2. Trade and eating-drinking places                            | 34 019    | 58 174    | 22 994    | 2 366     | 5 844             |
| 3. Other industries  | 4 172     | 901       | 2 295     | 1 993     | 3 695             |
| Gross capital formation  | 1 362 411 | 1 549 608 | 1 640 619 | 1 777 496 | 1 834 507         |
| <b>C. By type of owner</b>                                     |           |           |           |           |                   |
| a. Gross fixed capital formation                               | 1 288 580 | 1 489 590 | 1 588 779 | 1 750 642 | 1 780 498         |
| 1. Private enterprises   | 672 894   | 809 884   | 889 672   | 1 020 241 | 1 066 913         |
| 2. Public enterprises  | 261 804   | 248 777   | 221 423   | 228 440   | 216 728           |
| 3. General government  | 350 403   | 426 825   | 473 307   | 496 998   | 491 749           |
| 4. Private nonprofit institutions serving households           | 3 479     | 4 104     | 4 377     | 4 963     | 5 108             |
| b. Increase in stocks  | 73 831    | 60 018    | 51 840    | 26 854    | 54 009            |
| 1. Private enterprises   | 70 383    | 67 821    | 43 310    | 22 064    | 51 482            |
| 2. Public enterprises  | 3 448     | - 7 803   | 8 530     | 4 790     | 2 527             |
| Gross capital formation  | 1 362 411 | 1 549 608 | 1 640 619 | 1 777 496 | 1 834 507         |

Note: Data from 1996 onward are compiled on 1993 SNA basis and the previous years are on 1968 SNA basis.

## formation

Millions of N.T. Dollars

| 1997          | 1998      | 1999      | 2000      | 2001      | 2002      | 2003      | 2004      | 2005 <sup>(†)</sup> | 2006      |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|-----------|
| <b>prices</b> |           |           |           |           |           |           |           |                     |           |
| 1 955 615     | 2 185 505 | 2 229 266 | 2 394 001 | 1 910 022 | 1 910 937 | 1 957 708 | 2 420 150 | 2 438 435           | 2 517 565 |
| 167 255       | 155 543   | 154 875   | 132 044   | 113 112   | 124 979   | 130 268   | 183 865   | 186 320             | 214 951   |
| 313 906       | 327 140   | 288 327   | 285 830   | 217 688   | 233 261   | 216 369   | 242 974   | 270 174             | 308 731   |
| 416 591       | 464 904   | 462 646   | 448 229   | 425 665   | 432 548   | 438 242   | 508 362   | 508 633             | 531 916   |
| 20 214        | 20 614    | 23 897    | 24 977    | 26 663    | 17 408    | 18 935    | 17 477    | 14 246              | 18 236    |
| 140 043       | 168 906   | 119 453   | 131 023   | 132 424   | 105 816   | 99 159    | 126 151   | 174 712             | 119 609   |
| 833 431       | 959 664   | 1 061 772 | 1 232 010 | 856 295   | 846 243   | 893 779   | 1 160 007 | 1 100 914           | 1 140 616 |
| 1 011         | 365       | 3 929     | 2 251     | 562       | 941       | 2 073     | 1 816     | 1 771               | 1 484     |
| 63 164        | 88 369    | 114 367   | 137 637   | 137 613   | 149 741   | 158 883   | 179 498   | 181 665             | 182 022   |
| 116 890       | 120 014   | 49 908    | - 60 396  | - 98 959  | - 62 389  | - 21 950  | 86 840    | 10 838              | 11 678    |
| 2 072 505     | 2 305 519 | 2 279 174 | 2 333 605 | 1 811 063 | 1 848 548 | 1 935 758 | 2 506 990 | 2 449 273           | 2 529 243 |
| 1 955 615     | 2 185 505 | 2 229 266 | 2 394 001 | 1 910 022 | 1 910 937 | 1 957 708 | 2 420 150 | 2 438 435           | 2 517 565 |
| 1 457 029     | 1 679 547 | 1 706 937 | 1 898 218 | 1 446 783 | 1 503 669 | 1 547 627 | 2 000 406 | 2 014 263           | 2 100 218 |
| 26 513        | 22 544    | 26 386    | 15 929    | 17 736    | 15 883    | 16 500    | 12 803    | 16 864              | 13 482    |
| 3 348         | 3 704     | 3 431     | 2 953     | 2 236     | 1 746     | 1 828     | 1 383     | 1 439               | 1 395     |
| 640 401       | 733 008   | 768 803   | 992 694   | 652 802   | 624 515   | 671 574   | 940 082   | 929 161             | 976 314   |
| 126 282       | 148 993   | 168 493   | 152 236   | 140 847   | 137 011   | 145 325   | 137 122   | 156 282             | 163 259   |
| 18 087        | 21 490    | 20 552    | 21 426    | 17 030    | 17 433    | 15 150    | 17 089    | 17 715              | 18 184    |
| 100 562       | 99 041    | 87 093    | 106 382   | 87 941    | 87 057    | 90 602    | 118 157   | 122 757             | 128 429   |
| 14 260        | 15 123    | 15 911    | 16 836    | 13 585    | 12 693    | 13 005    | 13 701    | 14 028              | 15 408    |
| 148 461       | 222 904   | 202 837   | 217 284   | 211 655   | 286 364   | 277 396   | 359 885   | 350 224             | 332 252   |
| 69 122        | 101 328   | 114 325   | 94 421    | 88 813    | 82 492    | 79 068    | 92 555    | 90 936              | 98 371    |
| 192 605       | 181 811   | 177 609   | 153 994   | 131 143   | 145 740   | 150 077   | 208 920   | 213 892             | 248 352   |
| 22 260        | 25 198    | 21 629    | 19 671    | 14 180    | 15 486    | 12 488    | 16 668    | 17 180              | 17 033    |
| 27 797        | 32 356    | 28 906    | 30 380    | 20 594    | 25 552    | 23 669    | 26 540    | 27 149              | 27 796    |
| 25 271        | 28 616    | 30 296    | 27 222    | 17 089    | 22 085    | 24 086    | 26 165    | 27 464              | 29 084    |
| 27 565        | 27 773    | 24 506    | 28 144    | 17 398    | 15 744    | 15 145    | 16 933    | 16 789              | 17 759    |
| 14 495        | 15 658    | 16 160    | 18 646    | 13 734    | 13 868    | 11 714    | 12 403    | 12 383              | 13 100    |
| 493 081       | 500 707   | 516 998   | 489 739   | 456 836   | 399 733   | 402 577   | 411 821   | 416 090             | 409 094   |
| 5 505         | 5 251     | 5 331     | 6 044     | 6 403     | 7 535     | 7 504     | 7 923     | 8 082               | 8 253     |
| 116 890       | 120 014   | 49 908    | - 60 396  | - 98 959  | - 62 389  | - 21 950  | 86 840    | 10 838              | 11 678    |
| 90 025        | 94 296    | 83 161    | - 31 585  | - 76 872  | - 65 548  | - 13 079  | 75 529    | - 6 209             | 9 901     |
| 23 475        | 20 074    | - 27 096  | - 36 033  | - 23 450  | 7 093     | - 11 246  | 7 764     | 18 336              | 13 261    |
| 3 390         | 5 644     | - 6 157   | 7 222     | 1 363     | - 3 934   | 2 375     | 3 547     | - 1 289             | - 11 484  |
| 2 072 505     | 2 305 519 | 2 279 174 | 2 333 605 | 1 811 063 | 1 848 548 | 1 935 758 | 2 506 990 | 2 449 273           | 2 529 243 |
| 1 955 615     | 2 185 505 | 2 229 266 | 2 394 001 | 1 910 022 | 1 910 937 | 1 957 708 | 2 420 150 | 2 438 435           | 2 517 565 |
| 1 252 584     | 1 458 274 | 1 460 034 | 1 664 321 | 1 212 201 | 1 276 895 | 1 328 417 | 1 818 832 | 1 809 108           | 1 909 537 |
| 204 445       | 221 273   | 246 903   | 233 897   | 234 582   | 226 774   | 219 210   | 181 574   | 205 155             | 190 681   |
| 493 081       | 500 707   | 516 998   | 489 739   | 456 836   | 399 733   | 402 577   | 411 821   | 416 090             | 409 094   |
| 5 505         | 5 251     | 5 331     | 6 044     | 6 403     | 7 535     | 7 504     | 7 923     | 8 082               | 8 253     |
| 116 890       | 120 014   | 49 908    | - 60 396  | - 98 959  | - 62 389  | - 21 950  | 86 840    | 10 838              | 11 678    |
| 110 330       | 142 721   | 31 082    | - 65 910  | - 87 110  | - 69 153  | - 11 530  | 80 408    | 1 318               | - 18 443  |
| 6 560         | - 22 707  | 18 826    | 5 514     | - 11 849  | 6 764     | - 10 420  | 6 432     | 9 520               | 30 121    |
| 2 072 505     | 2 305 519 | 2 279 174 | 2 333 605 | 1 811 063 | 1 848 548 | 1 935 758 | 2 506 990 | 2 449 273           | 2 529 243 |

Table 102. Gross capital

| Items  | 1992      | 1993      | 1994      | 1995      | 1996           |
|--|-----------|-----------|-----------|-----------|----------------|
|  |           |           |           |           | <b>At 2001</b> |
| <b>A. By type of capital goods</b>                             |           |           |           |           |                |
| a. Gross fixed capital formation                               | 1 301 299 | 1 457 618 | 1 565 721 | 1 681 216 | 1 759 792      |
| 1. Residential building  | 174 164   | 247 173   | 241 482   | 227 657   | 187 510        |
| 2. Non-residential building                                    | 210 044   | 219 374   | 252 072   | 295 755   | 296 284        |
| 3. Other construction except land improvement                  | 278 919   | 336 004   | 380 152   | 390 058   | 395 639        |
| 4. Land improvement and plantation and orchard development     | 15 727    | 18 056    | 12 462    | 10 127    | 16 343         |
| 5. Transport equipment   | 149 280   | 149 169   | 135 940   | 138 949   | 119 315        |
| 6. Machinery and equipment                                     | 471 802   | 484 862   | 540 159   | 615 329   | 690 372        |
| 7. Breeding stock, draught animals, dairy cattle and the like  | 1 363     | 2 980     | 3 454     | 3 341     | 3 829          |
| 8. Intangible fixed assets                                     | -         | -         | -         | -         | 50 500         |
| b. Increase in stocks  | 72 145    | 59 914    | 50 455    | 23 863    | 51 347         |
| Gross capital formation  | 1 373 444 | 1 517 532 | 1 616 176 | 1 705 079 | 1 811 139      |
| <b>B. By kind of activity</b>                                  |           |           |           |           |                |
| a. Gross fixed capital formation                               | 1 301 299 | 1 457 618 | 1 565 721 | 1 681 216 | 1 759 792      |
| Industries   | 944 699   | 1 036 803 | 1 088 205 | 1 186 960 | 1 263 229      |
| 1. Agriculture, forestry, fishing and animal husbandry         | 23 012    | 22 605    | 23 523    | 23 146    | 27 055         |
| 2. Mining and quarrying  | 1 785     | 2 124     | 1 808     | 1 439     | 3 687          |
| 3. Manufacturing   | 300 689   | 304 506   | 358 446   | 420 327   | 488 270        |
| 4. Electricity, gas and water                                  | 89 766    | 98 252    | 96 461    | 108 846   | 111 298        |
| 5. Construction  | 18 094    | 20 236    | 18 588    | 17 855    | 16 478         |
| 6. Trade   | 53 180    | 59 833    | 71 487    | 79 380    | 93 006         |
| 7. Accommodation and eating-drinking places                    | 8 480     | 9 105     | 9 283     | 10 539    | 12 153         |
| 8. Transport, storage and communication                        | 164 303   | 153 816   | 134 370   | 128 472   | 128 039        |
| 9. Finance, insurance  | 38 227    | 30 095    | 35 200    | 48 715    | 63 159         |
| 10. Real estate, rental and leasing                            | 186 746   | 264 764   | 260 417   | 249 334   | 209 507        |
| 11. Professional, scientific and technical services            | 6 941     | 8 875     | 11 186    | 14 106    | 19 883         |
| 12. Education services   | 15 333    | 18 874    | 20 791    | 28 048    | 26 597         |
| 13. Health care and social welfare services                    | 16 088    | 16 664    | 16 638    | 22 102    | 26 716         |
| 14. Cultural, sporting and recreational services               | 13 604    | 17 616    | 19 901    | 22 945    | 24 538         |
| 15. Other services   | 8 451     | 9 438     | 10 106    | 11 706    | 12 843         |
| Producers of government services                               | 353 109   | 416 835   | 473 226   | 489 507   | 491 561        |
| Producers of private nonprofit institutions serving households | 3 491     | 3 980     | 4 290     | 4 749     | 5 002          |
| b. Increase in stocks  | 72 145    | 59 914    | 50 455    | 23 863    | 51 347         |
| 1. Goods producing industries                                  | 34 575    | 1 200     | 25 226    | 19 681    | 42 292         |
| 2. Trade and eating-drinking places                            | 33 459    | 57 836    | 22 818    | 2 373     | 5 588          |
| 3. Other industries  | 4 111     | 878       | 2 411     | 1 809     | 3 467          |
| Gross capital formation  | 1 373 444 | 1 517 532 | 1 616 176 | 1 705 079 | 1 811 139      |
| <b>C. By type of owner</b>                                     |           |           |           |           |                |
| a. Gross fixed capital formation                               | 1 301 299 | 1 457 618 | 1 565 721 | 1 681 216 | 1 759 792      |
| 1. Private enterprises   | 688 084   | 801 684   | 881 042   | 980 173   | 1 056 848      |
| 2. Public enterprises  | 256 615   | 235 119   | 207 163   | 206 787   | 206 381        |
| 3. General government  | 353 109   | 416 835   | 473 226   | 489 507   | 491 561        |
| 4. Private nonprofit institutions serving households           | 3 491     | 3 980     | 4 290     | 4 749     | 5 002          |
| b. Increase in stocks  | 72 145    | 59 914    | 50 455    | 23 863    | 51 347         |
| 1. Private enterprises   | 68 561    | 67 758    | 42 266    | 19 855    | 48 959         |
| 2. Public enterprises  | 3 584     | - 7 844   | 8 189     | 4 008     | 2 388          |
| Gross capital formation  | 1 373 444 | 1 517 532 | 1 616 176 | 1 705 079 | 1 811 139      |

Note: Data from 1996 onward are compiled on 1993 SNA basis and the previous years are on 1968 SNA basis.



## formation (continued)

Millions of N.T. Dollars

| 1997                   | 1998      | 1999      | 2000      | 2001      | 2002      | 2003      | 2004      | 2005 <sup>(†)</sup> | 2006      |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|-----------|
| <b>constant prices</b> |           |           |           |           |           |           |           |                     |           |
| 1 950 802              | 2 125 181 | 2 187 673 | 2 384 927 | 1 910 022 | 1 930 437 | 1 963 659 | 2 345 745 | 2 373 586           | 2 388 387 |
| 167 373                | 153 581   | 154 215   | 132 541   | 113 112   | 124 642   | 126 434   | 161 862   | 156 984             | 170 759   |
| 313 372                | 321 737   | 285 746   | 285 258   | 217 688   | 230 313   | 208 585   | 213 349   | 227 736             | 245 145   |
| 415 331                | 457 532   | 458 585   | 448 244   | 425 665   | 430 314   | 424 211   | 446 675   | 428 707             | 422 600   |
| 20 151                 | 20 255    | 23 670    | 24 961    | 26 663    | 17 201    | 18 314    | 15 334    | 11 939              | 14 496    |
| 156 856                | 179 803   | 129 198   | 138 937   | 132 424   | 106 284   | 97 686    | 120 854   | 168 185             | 113 705   |
| 815 921                | 904 238   | 1 018 413 | 1 215 299 | 856 295   | 866 498   | 913 509   | 1 185 130 | 1 170 295           | 1 211 416 |
| 991                    | 344       | 3 776     | 2 221     | 562       | 956       | 2 116     | 1 821     | 1 873               | 1 566     |
| 60 807                 | 87 691    | 114 070   | 137 466   | 137 613   | 154 229   | 172 804   | 200 720   | 207 867             | 208 700   |
| 115 254                | 118 911   | 51 674    | - 58 262  | - 98 959  | - 60 948  | - 19 224  | 78 446    | 9 286               | 10 404    |
| 2 066 056              | 2 244 092 | 2 239 347 | 2 326 665 | 1 811 063 | 1 869 489 | 1 944 435 | 2 424 191 | 2 382 872           | 2 398 791 |
| 1 950 802              | 2 125 181 | 2 187 673 | 2 384 927 | 1 910 022 | 1 930 437 | 1 963 659 | 2 345 745 | 2 373 586           | 2 388 387 |
| 1 455 196              | 1 631 379 | 1 673 678 | 1 890 714 | 1 446 783 | 1 524 092 | 1 562 485 | 1 967 361 | 2 002 279           | 2 039 777 |
| 26 553                 | 21 992    | 25 794    | 15 691    | 17 736    | 15 820    | 16 187    | 11 907    | 15 885              | 12 348    |
| 3 407                  | 3 651     | 3 391     | 2 936     | 2 236     | 1 764     | 1 815     | 1 355     | 1 382               | 1 335     |
| 629 449                | 701 247   | 744 532   | 982 057   | 652 802   | 636 545   | 685 026   | 952 118   | 965 078             | 1 003 695 |
| 124 299                | 141 737   | 162 336   | 150 308   | 140 847   | 140 388   | 147 953   | 138 341   | 163 578             | 168 157   |
| 17 908                 | 20 712    | 20 024    | 21 215    | 17 030    | 17 670    | 15 180    | 16 606    | 17 263              | 17 206    |
| 100 084                | 96 332    | 85 525    | 105 696   | 87 941    | 87 930    | 92 091    | 117 181   | 121 636             | 123 855   |
| 14 122                 | 14 506    | 15 474    | 16 684    | 13 585    | 12 938    | 13 671    | 14 499    | 15 099              | 16 450    |
| 161 605                | 228 729   | 209 352   | 225 167   | 211 655   | 288 553   | 275 015   | 337 637   | 326 315             | 294 159   |
| 68 167                 | 98 650    | 112 639   | 94 005    | 88 813    | 83 688    | 81 410    | 94 110    | 93 143              | 99 168    |
| 192 752                | 179 390   | 176 600   | 154 245   | 131 143   | 145 731   | 147 217   | 188 009   | 185 631             | 204 873   |
| 22 200                 | 24 556    | 21 202    | 19 554    | 14 180    | 15 753    | 12 929    | 17 058    | 17 592              | 17 367    |
| 27 801                 | 30 862    | 27 840    | 29 829    | 20 594    | 25 393    | 23 319    | 25 145    | 25 630              | 25 457    |
| 25 068                 | 27 479    | 29 632    | 27 052    | 17 089    | 22 130    | 23 915    | 24 874    | 25 815              | 26 434    |
| 27 335                 | 26 569    | 23 725    | 27 862    | 17 398    | 15 804    | 15 025    | 16 216    | 15 955              | 16 488    |
| 14 446                 | 14 967    | 15 612    | 18 413    | 13 734    | 13 985    | 11 732    | 12 305    | 12 277              | 12 785    |
| 490 125                | 488 721   | 508 771   | 488 184   | 456 836   | 398 773   | 393 735   | 370 965   | 363 831             | 341 258   |
| 5 481                  | 5 081     | 5 224     | 6 029     | 6 403     | 7 572     | 7 439     | 7 419     | 7 476               | 7 352     |
| 115 254                | 118 911   | 51 674    | - 58 262  | - 98 959  | - 60 948  | - 19 224  | 78 446    | 9 286               | 10 404    |
| 89 310                 | 93 526    | 84 862    | - 31 181  | - 76 872  | - 64 375  | - 10 860  | 68 178    | - 4 462             | 9 231     |
| 22 693                 | 19 850    | - 26 928  | - 34 109  | - 23 450  | 7 484     | - 10 588  | 7 502     | 14 686              | 9 921     |
| 3 251                  | 5 535     | - 6 260   | 7 028     | 1 363     | - 4 057   | 2 224     | 2 766     | - 938               | - 8 748   |
| 2 066 056              | 2 244 092 | 2 239 347 | 2 326 665 | 1 811 063 | 1 869 489 | 1 944 435 | 2 424 191 | 2 382 872           | 2 398 791 |
| 1 950 802              | 2 125 181 | 2 187 673 | 2 384 927 | 1 910 022 | 1 930 437 | 1 963 659 | 2 345 745 | 2 373 586           | 2 388 387 |
| 1 253 934              | 1 421 075 | 1 435 337 | 1 659 432 | 1 212 201 | 1 292 393 | 1 339 915 | 1 785 181 | 1 790 594           | 1 843 930 |
| 201 262                | 210 304   | 238 341   | 231 282   | 234 582   | 231 699   | 222 570   | 182 180   | 211 685             | 195 847   |
| 490 125                | 488 721   | 508 771   | 488 184   | 456 836   | 398 773   | 393 735   | 370 965   | 363 831             | 341 258   |
| 5 481                  | 5 081     | 5 224     | 6 029     | 6 403     | 7 572     | 7 439     | 7 419     | 7 476               | 7 352     |
| 115 254                | 118 911   | 51 674    | - 58 262  | - 98 959  | - 60 948  | - 19 224  | 78 446    | 9 286               | 10 404    |
| 108 643                | 142 010   | 32 647    | - 63 423  | - 87 110  | - 67 950  | - 9 274   | 72 655    | 1 285               | - 14 762  |
| 6 611                  | - 23 099  | 19 027    | 5 161     | - 11 849  | 7 002     | - 9 950   | 5 791     | 8 001               | 25 166    |
| 2 066 056              | 2 244 092 | 2 239 347 | 2 326 665 | 1 811 063 | 1 869 489 | 1 944 435 | 2 424 191 | 2 382 872           | 2 398 791 |

Table 103. Disposable income, consumption

| Items   | 1991      | 1992      | 1993      | 1994      | 1995      | 1996      | 1997      |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Average disposable income per household       | 587 242   | 639 696   | 727 879   | 769 755   | 811 338   | 826 378   | 863 427   |
| By disposable income quintile                 |           |           |           |           |           |           |           |
| Lowest fifth (a)                              | 227 816   | 235 752   | 259 380   | 280 259   | 296 166   | 298 443   | 312 458   |
| Second fifth                                  | 389 205   | 423 392   | 477 408   | 499 105   | 525 749   | 537 241   | 557 429   |
| Third fifth                                   | 511 410   | 560 466   | 642 257   | 669 983   | 704 713   | 723 067   | 753 919   |
| Fourth fifth                                  | 674 451   | 742 466   | 853 213   | 892 016   | 948 484   | 966 103   | 1 003 815 |
| Highest fifth (b)                             | 1 133 327 | 1 236 407 | 1 407 138 | 1 507 414 | 1 581 581 | 1 607 034 | 1 689 517 |
| (b)/(a) (Times)                               | 4.97      | 5.24      | 5.42      | 5.38      | 5.34      | 5.38      | 5.41      |
| Average consumption expenditure per household | 411 760   | 445 220   | 504 133   | 545 987   | 591 035   | 614 435   | 634 477   |
| By disposable income quintile                 |           |           |           |           |           |           |           |
| Lowest fifth                                  | 202 205   | 211 622   | 238 753   | 255 078   | 270 859   | 285 227   | 292 464   |
| Second fifth                                  | 323 411   | 351 510   | 394 795   | 419 297   | 451 990   | 464 278   | 487 183   |
| Third fifth                                   | 393 912   | 432 439   | 490 342   | 522 530   | 567 437   | 589 982   | 612 672   |
| Fourth fifth                                  | 475 757   | 517 933   | 590 955   | 624 470   | 685 390   | 721 896   | 747 747   |
| Highest fifth                                 | 663 517   | 712 598   | 805 819   | 908 563   | 979 498   | 1 010 792 | 1 032 317 |
| Percent distribution                          |           |           |           |           |           |           |           |
| Food, beverage and tobacco                    | 30.92     | 29.79     | 27.73     | 26.05     | 25.50     | 26.08     | 25.74     |
| Clothing and footwears                        | 5.96      | 6.10      | 5.65      | 4.90      | 4.60      | 4.49      | 4.50      |
| Rent, fuel and power                          | 25.70     | 26.38     | 25.55     | 25.65     | 24.91     | 25.30     | 25.10     |
| Family furniture, furnishing and household    | 4.33      | 4.20      | 4.05      | 4.56      | 4.57      | 4.58      | 4.38      |
| Medical care and health expenses              | 5.40      | 5.08      | 7.82      | 8.49      | 10.37     | 9.84      | 9.98      |
| Transport and communication                   | 8.92      | 8.97      | 9.82      | 9.87      | 10.00     | 10.17     | 10.42     |
| Recreation, education & cultural services     | 12.82     | 13.36     | 13.01     | 13.48     | 13.12     | 12.97     | 13.11     |
| Miscellaneous                                 | 5.95      | 6.12      | 6.37      | 7.00      | 6.93      | 6.57      | 6.77      |
| Average saving per household                  | 175 482   | 194 476   | 223 747   | 223 768   | 220 303   | 211 943   | 228 951   |
| By disposable income quintile                 |           |           |           |           |           |           |           |
| Lowest fifth                                  | 25 611    | 24 130    | 20 627    | 25 181    | 25 307    | 13 216    | 19 994    |
| Second fifth                                  | 65 794    | 71 882    | 82 614    | 79 808    | 73 759    | 72 963    | 70 245    |
| Third fifth                                   | 117 499   | 128 027   | 151 915   | 147 453   | 137 276   | 133 085   | 141 247   |
| Fourth fifth                                  | 198 695   | 224 533   | 262 258   | 267 546   | 263 094   | 244 207   | 256 068   |
| Highest fifth                                 | 469 810   | 523 810   | 601 321   | 598 851   | 602 083   | 596 242   | 657 199   |

## expenditure and savings of households

N.T. Dollars

| 1998      | 1999      | 2000      | 2001      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 873 175   | 889 053   | 891 445   | 868 651   | 875 919   | 881 662   | 891 249   | 894 574   | 913 092   | 923 874   |
| 310 865   | 317 001   | 315 172   | 279 404   | 292 113   | 296 297   | 297 305   | 297 694   | 304 274   | 312 145   |
| 560 766   | 573 853   | 571 355   | 524 766   | 538 584   | 545 465   | 555 452   | 556 117   | 564 865   | 571 128   |
| 765 375   | 778 496   | 778 556   | 740 054   | 743 888   | 745 231   | 775 719   | 779 044   | 795 427   | 799 418   |
| 1 014 770 | 1 031 669 | 1 043 508 | 1 013 478 | 1 005 274 | 1 021 325 | 1 035 972 | 1 043 131 | 1 073 507 | 1 069 885 |
| 1 714 097 | 1 744 245 | 1 748 633 | 1 785 550 | 1 799 733 | 1 799 992 | 1 791 796 | 1 796 884 | 1 827 387 | 1 866 791 |
| 5.51      | 5.50      | 5.55      | 6.39      | 6.16      | 6.07      | 6.03      | 6.04      | 6.01      | 5.98      |
| 646 343   | 655 282   | 662 722   | 657 872   | 672 619   | 666 372   | 692 648   | 701 076   | 713 024   | 716 094   |
| 288 889   | 290 266   | 300 440   | 283 920   | 302 415   | 294 645   | 295 476   | 299 642   | 304 091   | 313 309   |
| 496 500   | 497 548   | 502 783   | 480 451   | 500 714   | 491 137   | 513 243   | 516 758   | 524 833   | 530 417   |
| 632 744   | 638 566   | 634 736   | 629 430   | 647 533   | 650 448   | 678 420   | 688 550   | 702 656   | 699 698   |
| 763 930   | 777 298   | 780 907   | 792 556   | 804 065   | 802 983   | 831 215   | 861 302   | 860 439   | 868 505   |
| 1 049 654 | 1 072 735 | 1 094 744 | 1 103 002 | 1 108 368 | 1 092 645 | 1 144 888 | 1 139 131 | 1 173 099 | 1 168 540 |
| 25.77     | 25.15     | 24.21     | 24.34     | 24.05     | 24.00     | 23.71     | 23.62     | 23.51     | 24.20     |
| 4.48      | 4.08      | 3.83      | 3.64      | 3.56      | 3.52      | 3.48      | 3.40      | 3.36      | 3.27      |
| 25.24     | 24.91     | 25.15     | 24.60     | 23.71     | 23.96     | 23.06     | 23.33     | 23.24     | 23.52     |
| 4.17      | 4.03      | 3.96      | 3.91      | 3.71      | 3.55      | 3.73      | 3.61      | 3.42      | 3.42      |
| 10.32     | 10.97     | 11.09     | 11.53     | 12.28     | 12.70     | 12.91     | 13.41     | 13.93     | 14.30     |
| 10.60     | 11.11     | 11.37     | 11.69     | 12.23     | 12.12     | 12.54     | 12.56     | 12.35     | 12.46     |
| 12.81     | 12.96     | 13.51     | 13.32     | 13.52     | 13.12     | 13.31     | 12.99     | 12.86     | 12.52     |
| 6.61      | 6.80      | 6.88      | 6.97      | 6.94      | 7.03      | 7.26      | 7.08      | 7.33      | 6.30      |
| 226 831   | 233 770   | 228 723   | 210 779   | 203 300   | 215 290   | 198 600   | 193 497   | 200 068   | 207 780   |
| 21 976    | 26 735    | 14 733    | - 4 516   | - 10 302  | 1 652     | 1 829     | - 1 948   | 183       | - 1 164   |
| 64 267    | 76 305    | 68 572    | 44 315    | 37 871    | 54 328    | 42 208    | 39 360    | 40 032    | 40 711    |
| 132 630   | 139 931   | 143 820   | 110 623   | 96 355    | 94 783    | 97 299    | 90 494    | 92 770    | 99 720    |
| 250 840   | 254 371   | 262 601   | 220 922   | 201 210   | 218 342   | 204 757   | 181 829   | 213 067   | 201 380   |
| 664 443   | 671 511   | 653 888   | 682 548   | 691 365   | 707 347   | 646 909   | 657 753   | 654 288   | 698 251   |

Table 104. Income, expenditure

| Items  | General average | Disposable income |                   |                  |
|--|-----------------|-------------------|-------------------|------------------|
|  |                 | Lowest 20 percent | Second 20 percent | Third 20 percent |
| No. of households (households)                   | 7 414 281       | 1 482 856         | 1 482 856         | 1 482 856        |
| No. of persons per household (persons)           | 3.38            | 1.93              | 2.94              | 3.65             |
| No. of adults per household (persons)            | 2.57            | 1.70              | 2.21              | 2.62             |
| No. of persons employed per household (persons)  | 1.50            | 0.60              | 1.14              | 1.56             |
| No. of income recipients per household (persons) | 1.66            | 1.07              | 1.30              | 1.60             |
| Total receipts                                   | 1 108 674       | 369 598           | 688 956           | 963 523          |
| Compensation of employees                        | 640 733         | 97 697            | 334 962           | 533 592          |
| Entrepreneurial income                           | 160 457         | 36 920            | 99 990            | 158 370          |
| Property income                                  | 54 538          | 16 913            | 28 321            | 38 729           |
| Imputed rent income                              | 65 747          | 36 895            | 53 856            | 65 445           |
| Current transfer receipts                        | 187 030         | 180 983           | 171 643           | 167 235          |
| From individuals                                 | 53 986          | 73 488            | 57 563            | 43 416           |
| From government                                  | 42 184          | 63 488            | 45 333            | 40 118           |
| Benefit of social insurance                      | 86 893          | 43 098            | 66 189            | 81 313           |
| From enterprises                                 | 2 279           | 207               | 430               | 892              |
| From abroad                                      | 1 689           | 702               | 2 128             | 1 495            |
| Miscellaneous receipts                           | 168             | 189               | 185               | 152              |
| Nonconsumption expenditures                      | 184 800         | 57 452            | 117 828           | 164 106          |
| Interest   | 18 278          | 5 392             | 14 996            | 19 949           |
| Current transfer expenditures                    | 166 522         | 52 060            | 102 832           | 144 157          |
| To private                                       | 51 717          | 19 588            | 33 741            | 43 722           |
| To government                                    | 35 131          | 7 375             | 16 326            | 25 134           |
| Social insurance                                 | 76 943          | 24 693            | 51 380            | 73 649           |
| To abroad  | 2 731           | 405               | 1 386             | 1 652            |
| Consumption expenditures                         | 716 094         | 313 309           | 530 417           | 699 698          |
| Food   | 160 563         | 76 684            | 128 225           | 166 358          |
| Beverage   | 6 525           | 2 907             | 4 906             | 6 393            |
| Tobacco  | 6 212           | 3 755             | 5 838             | 6 639            |
| Clothing and footwear                            | 23 431          | 7 260             | 14 669            | 21 308           |
| Rent and water charges                           | 147 927         | 85 649            | 123 455           | 145 033          |
| Fuel and light                                   | 20 465          | 12 817            | 17 871            | 21 287           |
| Furniture and family facilities                  | 12 358          | 3 432             | 7 255             | 10 605           |
| Household operations                             | 12 151          | 4 173             | 7 819             | 10 197           |
| Health care and medical                          | 102 407         | 55 184            | 81 496            | 99 367           |
| Transport and communications                     | 89 256          | 26 762            | 58 622            | 85 682           |
| Recreation education and culture                 | 89 680          | 19 681            | 52 840            | 87 166           |
| Miscellaneous                                    | 45 120          | 15 004            | 27 421            | 39 663           |
| Disposable income                                | 923 874         | 312 145           | 571 128           | 799 418          |
| Final consumption expenditure                    | 716 094         | 313 309           | 530 417           | 699 698          |
| Saving   | 207 780         | - 1 164           | 40 711            | 99 720           |
| Current receipts                                 | 1 162 366       | 400 420           | 733 111           | 1 017 091        |

## and savings per household, 2007

N.T. Dollars

| quintile          |                    | Farm and non-farm |           | Degree of urbanization |         |         |
|-------------------|--------------------|-------------------|-----------|------------------------|---------|---------|
| Fourth 20 percent | Highest 20 percent | Farm              | Non-fram  | City                   | Town    | Village |
| 1 482 856         | 1 482 857          | 580 057           | 6 834 224 | 6 559 778              | 776 312 | 78 191  |
| 4.07              | 4.32               | 3.66              | 3.36      | 3.39                   | 3.34    | 3.02    |
| 3.00              | 3.32               | 2.91              | 2.54      | 2.57                   | 2.59    | 2.46    |
| 1.93              | 2.29               | 2.09              | 1.45      | 1.49                   | 1.58    | 1.55    |
| 1.95              | 2.36               | 1.83              | 1.64      | 1.66                   | 1.64    | 1.44    |
| 1 290 311         | 2 230 979          | 900 992           | 1 126 301 | 1 149 117              | 812 201 | 659 180 |
| 769 200           | 1 468 213          | 340 566           | 666 210   | 676 423                | 384 595 | 189 565 |
| 213 503           | 293 500            | 247 700           | 153 052   | 159 571                | 163 199 | 207 509 |
| 56 107            | 132 620            | 29 397            | 56 672    | 58 853                 | 21 863  | 16 945  |
| 75 049            | 97 492             | 48 172            | 67 239    | 69 111                 | 41 112  | 28 164  |
| 176 289           | 239 000            | 235 024           | 182 957   | 184 992                | 201 242 | 216 884 |
| 40 734            | 54 728             | 51 655            | 54 184    | 55 198                 | 45 010  | 41 413  |
| 33 079            | 28 902             | 82 107            | 38 796    | 38 515                 | 68 748  | 86 239  |
| 98 956            | 144 908            | 95 146            | 86 192    | 87 094                 | 84 984  | 88 935  |
| 2 264             | 7 601              | 5 745             | 1 984     | 2 422                  | 1 262   | 297     |
| 1 257             | 2 862              | 371               | 1 801     | 1 762                  | 1 238   | 0       |
| 162               | 154                | 134               | 171       | 167                    | 190     | 115     |
| 220 426           | 364 188            | 132 606           | 189 230   | 192 875                | 125 973 | 91 384  |
| 22 499            | 28 553             | 5 670             | 19 348    | 19 922                 | 5 936   | 2 900   |
| 197 927           | 335 635            | 126 936           | 169 882   | 172 954                | 120 037 | 88 484  |
| 59 894            | 101 642            | 42 550            | 52 495    | 53 622                 | 37 571  | 32 344  |
| 38 597            | 88 225             | 21 972            | 36 248    | 37 041                 | 21 241  | 12 819  |
| 97 477            | 137 515            | 60 931            | 78 302    | 79 299                 | 60 424  | 43 241  |
| 1 959             | 8 253              | 1 483             | 2 837     | 2 991                  | 800     | 79      |
| 868 505           | 1 168 540          | 593 800           | 726 474   | 740 001                | 540 385 | 454 913 |
| 195 831           | 235 715            | 141 848           | 162 151   | 164 795                | 129 873 | 110 205 |
| 7 878             | 10 539             | 6 330             | 6 541     | 6 567                  | 6 202   | 6 152   |
| 7 453             | 7 373              | 6 911             | 6 152     | 6 096                  | 7 093   | 7 162   |
| 29 065            | 44 852             | 16 449            | 24 023    | 24 507                 | 15 568  | 11 231  |
| 166 025           | 219 475            | 99 754            | 152 016   | 156 137                | 86 976  | 64 304  |
| 23 759            | 26 590             | 19 886            | 20 514    | 20 807                 | 18 064  | 15 597  |
| 14 511            | 25 985             | 9 377             | 12 611    | 12 850                 | 8 799   | 6 376   |
| 14 255            | 24 309             | 6 632             | 12 619    | 13 009                 | 5 653   | 4 621   |
| 122 307           | 153 682            | 106 825           | 102 033   | 102 604                | 100 203 | 107 828 |
| 114 452           | 160 762            | 83 001            | 89 787    | 91 474                 | 73 560  | 59 003  |
| 118 323           | 170 390            | 58 465            | 92 329    | 94 575                 | 53 758  | 35 638  |
| 54 647            | 88 867             | 38 322            | 45 697    | 46 580                 | 34 635  | 26 795  |
| 1 069 885         | 1 866 791          | 768 386           | 937 071   | 956 242                | 686 228 | 567 796 |
| 868 505           | 1 168 540          | 593 800           | 726 474   | 740 001                | 540 385 | 454 913 |
| 201 380           | 698 251            | 174 586           | 210 597   | 216 240                | 145 844 | 112 883 |
| 1 349 591         | 2 311 618          | 937 053           | 1 181 490 | 1 205 888              | 843 019 | 681 744 |

Table 105. Transactions table at producers' prices,

| Input sectors<br>(Use) |   | Output sectors<br>(Supply) |         |       |         |         |         |        |
|------------------------|---|----------------------------|---------|-------|---------|---------|---------|--------|
|                        |   | 01                         | 02      | 03    | 04      | 05      | 06      | 07     |
| 01                     | Agricultural Products                                 | 40 969                     | 12 412  | 0     | 923     | 0       | 87 987  | 2 483  |
| 02                     | Livestock   | 1 331                      | 14 705  | 0     | 29      | 0       | 101 803 | 2      |
| 03                     | Forest Products                                       | 183                        | 31      | 402   | 1       | 0       | 15      | 0      |
| 04                     | Fisheries   | 0                          | 159     | 0     | 5 281   | 0       | 8 582   | 0      |
| 05                     | Minerals  | 1                          | 4       | 0     | 11      | 16 948  | 930     | 30     |
| 06                     | Process Foods   | 261                        | 62 681  | 0     | 9 164   | 7       | 79 869  | 4 907  |
| 07                     | Beverages   | 12                         | 68      | 0     | 0       | 36      | 386     | 1 967  |
| 08                     | Tobacco   | 0                          | 0       | 0     | 0       | 0       | 0       | 0      |
| 09                     | Textile Mill Products                                 | 200                        | 21      | 1     | 1 644   | 74      | 297     | 1      |
| 10                     | Wearing Apparel and Accessories                       | 31                         | 0       | 1     | 113     | 22      | 59      | 19     |
| 11                     | Leather & Leather Products                            | 0                          | 0       | 0     | 0       | 0       | 0       | 0      |
| 12                     | Wood & Wood Products                                  | 431                        | 144     | 0     | 250     | 630     | 190     | 6      |
| 13                     | Paper & Paper Products & Printed Matter               | 419                        | 92      | 1     | 654     | 94      | 6 598   | 3 515  |
| 14                     | Industrial Chemicals                                  | 113                        | 0       | 3     | 19      | 182     | 1 994   | 683    |
| 15                     | Artificial Fibers                                     | 0                          | 0       | 0     | 0       | 0       | 0       | 1      |
| 16                     | Plastic   | 0                          | 0       | 0     | 0       | 0       | 8       | 0      |
| 17                     | Plastic & Rubber Products                             | 2 133                      | 372     | 1     | 287     | 637     | 8 701   | 2 740  |
| 18                     | Misc. Chemical Manufactures                           | 12 412                     | 1 439   | 7     | 465     | 1 216   | 3 673   | 1 170  |
| 19                     | Petroleum Refining Products                           | 4 039                      | 163     | 37    | 14 067  | 9 716   | 4 033   | 999    |
| 20                     | Non-metallic Mineral Products Manufacturing           | 56                         | 0       | 3     | 6       | 235     | 700     | 993    |
| 21                     | Iron and Steel Products                               | 2                          | 4       | 0     | 148     | 334     | 5       | 6      |
| 22                     | Miscellaneous Metals                                  | 0                          | 0       | 0     | 0       | 0       | 471     | 1 094  |
| 23                     | Metallic Products                                     | 618                        | 592     | 1     | 10      | 775     | 2 661   | 7 628  |
| 24                     | Machinery   | 1 293                      | 115     | 1     | 581     | 5 543   | 1 349   | 548    |
| 25                     | Household Electrical, Electronic Products             | 30                         | 0       | 0     | 41      | 107     | 3       | 0      |
| 26                     | Information Products                                  | 0                          | 0       | 0     | 183     | 7       | 26      | 8      |
| 27                     | Communication Equipment                               | 0                          | 0       | 0     | 0       | 0       | 0       | 0      |
| 28                     | Electronic Components & Parts                         | 0                          | 0       | 0     | 0       | 0       | 0       | 0      |
| 29                     | Electrical Machinery & Other Appliances               | 57                         | 0       | 0     | 37      | 331     | 242     | 49     |
| 30                     | Transport Equipment                                   | 1                          | 0       | 2     | 3 338   | 24      | 107     | 9      |
| 31                     | Other Manufactures                                    | 72                         | 1       | 0     | 990     | 84      | 219     | 78     |
| 32                     | Residential Building Construction                     | 68                         | 292     | 1     | 7       | 129     | 287     | 153    |
| 33                     | Public & Other Construction                           | 392                        | 0       | 8     | 40      | 368     | 58      | 28     |
| 34                     | Electricity   | 896                        | 1 242   | 3     | 1 808   | 3 454   | 6 944   | 977    |
| 35                     | Gas   | 4                          | 3       | 3     | 0       | 20      | 183     | 5      |
| 36                     | City Water  | 11                         | 148     | 0     | 18      | 114     | 152     | 86     |
| 37                     | Transportation and Warehousing                        | 916                        | 1 776   | 92    | 2 163   | 961     | 6 713   | 657    |
| 38                     | Post & Telecommunication Services                     | 35                         | 0       | 5     | 891     | 362     | 743     | 98     |
| 39                     | Commodities Trading                                   | 3 875                      | 9 886   | 4     | 3 395   | 1 735   | 30 704  | 3 138  |
| 40                     | Finance & Insurance Services                          | 6 520                      | 5 460   | 41    | 2 141   | 696     | 10 592  | 1 512  |
| 41                     | Real Estate Services                                  | 0                          | 0       | 0     | 456     | 143     | 1 012   | 81     |
| 42                     | Restaurant & Hotel Services                           | 77                         | 0       | 24    | 59      | 127     | 556     | 55     |
| 43                     | Information Services                                  | 0                          | 0       | 0     | 54      | 37      | 1 868   | 166    |
| 44                     | Other Business Services                               | 1 174                      | 575     | 4     | 1 152   | 1 123   | 15 597  | 4 345  |
| 45                     | Public Administration Services                        | 0                          | 0       | 0     | 0       | 0       | 0       | 0      |
| 46                     | Education Services                                    | 39                         | 154     | 4     | 32      | 1       | 354     | 15     |
| 47                     | Medical Services                                      | 34                         | 216     | 7     | 167     | 0       | 162     | 0      |
| 48                     | Broadcasting, Recreational & Cultural Services        | 0                          | 0       | 0     | 0       | 3       | 0       | 0      |
| 49                     | Other Social, Personal and Related Community Services | 327                        | 312     | 20    | 677     | 668     | 4 446   | 1 044  |
| 01-49                  | Intermediate Inputs                                   | 79 032                     | 113 067 | 676   | 51 302  | 46 943  | 391 279 | 41 296 |
| 50                     | Compensation of Employees                             | 89 076                     | 9 826   | 2 096 | 29 854  | 31 145  | 46 619  | 8 540  |
| 51                     | Operating Surplus                                     | 39 695                     | 15 621  | 201   | 14 324  | 15 156  | 10 024  | 2 662  |
| 51-(1)                 | Interest  | 16                         | 63      | 0     | 30      | 52      | 53      | 18     |
| 51-(2)                 | Rent  | 741                        | 586     | 2     | 276     | 277     | 1 014   | 7      |
| 51-(3)                 | Transfer Payment                                      | 0                          | 0       | 0     | 2 717   | 51      | 1 111   | 339    |
| 51-(4)                 | Funds   | 0                          | 0       | 0     | 0       | 0       | 0       | 0      |
| 51-(5)                 | Profits   | 38 938                     | 14 972  | 199   | 11 301  | 14 776  | 7 846   | 2 298  |
| 52                     | Depreciation  | 11 169                     | 5 451   | 208   | 5 156   | 7 451   | 11 712  | 4 221  |
| 53                     | Indirect Taxes  | - 2 537                    | 839     | 4     | - 993   | 5 533   | 7 851   | 22 683 |
| 53-(1)                 | Net Commodity Taxes                                   | 0                          | 0       | 0     | 0       | 0       | 0       | 3 052  |
| 53-(2)                 | Net Import Duties                                     | 105                        | 13      | 0     | 382     | 115     | 2 346   | 397    |
| 53-(3)                 | Value Added Taxes                                     | 548                        | 787     | 2     | 548     | 0       | 2 878   | 0      |
| 53-(4)                 | Other Taxes   | - 3 190                    | 39      | 2     | - 1 923 | 5 418   | 2 627   | 19 234 |
| 50-53                  | Primary Inputs  | 137 403                    | 31 737  | 2 509 | 48 341  | 59 285  | 76 206  | 38 106 |
| 54                     | Adjustment Item                                       | 0                          | 0       | 0     | 0       | 0       | 0       | 0      |
| 01-54                  | Total Inputs  | 216 435                    | 144 804 | 3 185 | 99 643  | 106 228 | 467 485 | 79 402 |

2004 (excluding net import duties)

Millions of N.T. Dollars

| 08     | 09      | 10      | 11     | 12     | 13      | 14      | 15      | 16      | 17      | 18      |
|--------|---------|---------|--------|--------|---------|---------|---------|---------|---------|---------|
| 899    | 11 584  | 251     | 0      | 0      | 45      | 0       | 0       | 0       | 0       | 438     |
| 0      | 2 931   | 74      | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 394     |
| 0      | 1       | 0       | 1      | 5 355  | 170     | 269     | 1       | 0       | 4 252   | 304     |
| 0      | 0       | 0       | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0       |
| 0      | 172     | 8       | 32     | 10     | 1 020   | 6 972   | 350     | 425     | 511     | 757     |
| 1      | 148     | 50      | 10 400 | 34     | 980     | 783     | 0       | 41      | 4       | 876     |
| 0      | 0       | 0       | 0      | 0      | 0       | 1       | 0       | 0       | 0       | 38      |
| 1 926  | 0       | 0       | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0       |
| 0      | 131 732 | 53 212  | 492    | 375    | 1 577   | 146     | 78      | 59      | 7 108   | 968     |
| 2      | 1 040   | 11 580  | 164    | 153    | 271     | 95      | 11      | 0       | 317     | 44      |
| 0      | 87      | 286     | 10 530 | 398    | 69      | 41      | 0       | 0       | 258     | 0       |
| 0      | 115     | 36      | 125    | 15 314 | 3 110   | 666     | 183     | 165     | 220     | 296     |
| 1 396  | 2 585   | 1 222   | 310    | 592    | 118 047 | 1 430   | 4 495   | 1 242   | 4 227   | 4 665   |
| 28     | 2 000   | 79      | 1 425  | 295    | 2 660   | 348 056 | 68 119  | 306 398 | 31 638  | 45 488  |
| 349    | 86 229  | 3 167   | 0      | 66     | 622     | 0       | 5 710   | 0       | 2 967   | 361     |
| 0      | 6 242   | 117     | 358    | 1 080  | 1 166   | 1 028   | 43 678  | 50 454  | 130 509 | 13 228  |
| 7      | 3 732   | 3 265   | 764    | 1 943  | 5 462   | 1 432   | 293     | 2 510   | 61 159  | 8 097   |
| 27     | 14 546  | 358     | 1 678  | 1 330  | 10 734  | 4 789   | 490     | 8 030   | 16 670  | 47 726  |
| 35     | 6 140   | 915     | 367    | 499    | 4 386   | 192 243 | 1 421   | 4 294   | 5 541   | 3 034   |
| 0      | 71      | 0       | 2      | 266    | 164     | 1 298   | 41      | 497     | 1 159   | 2 524   |
| 0      | 58      | 14      | 2      | 350    | 42      | 423     | 5       | 8       | 2 344   | 41      |
| 73     | 26      | 7       | 15     | 51     | 2 441   | 8 180   | 38      | 0       | 1 026   | 2 169   |
| 2      | 431     | 361     | 137    | 901    | 656     | 1 425   | 158     | 753     | 5 363   | 2 047   |
| 60     | 3 871   | 405     | 87     | 451    | 2 574   | 5 381   | 2 151   | 2 623   | 4 539   | 791     |
| 0      | 43      | 6       | 1      | 83     | 173     | 26      | 1       | 1       | 35      | 0       |
| 16     | 44      | 3       | 3      | 17     | 102     | 91      | 0       | 0       | 5       | 2       |
| 0      | 0       | 0       | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0       |
| 0      | 1       | 0       | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0       |
| 1      | 721     | 77      | 20     | 77     | 692     | 1 104   | 119     | 606     | 1 608   | 846     |
| 4      | 175     | 31      | 5      | 11     | 479     | 116     | 7       | 19      | 590     | 26      |
| 764    | 479     | 2 508   | 89     | 62     | 4 254   | 534     | 112     | 9       | 464     | 251     |
| 11     | 716     | 241     | 54     | 111    | 769     | 703     | 122     | 221     | 817     | 416     |
| 0      | 22      | 23      | 6      | 10     | 24      | 174     | 0       | 0       | 6       | 43      |
| 93     | 14 397  | 1 253   | 418    | 1 177  | 9 386   | 28 260  | 6 079   | 10 249  | 12 679  | 2 836   |
| 0      | 134     | 32      | 5      | 22     | 138     | 570     | 0       | 8       | 114     | 18      |
| 2      | 182     | 37      | 14     | 21     | 106     | 463     | 43      | 255     | 197     | 153     |
| 83     | 3 835   | 1 900   | 584    | 1 489  | 4 642   | 6 664   | 1 095   | 4 047   | 5 116   | 2 809   |
| 2      | 1 056   | 660     | 163    | 305    | 2 313   | 828     | 88      | 447     | 1 757   | 1 099   |
| 321    | 12 130  | 6 131   | 1 766  | 5 226  | 28 501  | 16 724  | 4 407   | 9 017   | 22 689  | 16 174  |
| 36     | 10 434  | 3 569   | 1 245  | 2 042  | 8 447   | 9 378   | 2 956   | 8 423   | 14 745  | 4 781   |
| 12     | 850     | 487     | 116    | 390    | 1 259   | 734     | 21      | 145     | 1 654   | 778     |
| 7      | 580     | 304     | 34     | 73     | 563     | 571     | 9       | 332     | 1 006   | 682     |
| 65     | 1 099   | 839     | 184    | 286    | 3 952   | 2 617   | 108     | 675     | 1 774   | 1 147   |
| 193    | 6 082   | 3 658   | 910    | 1 299  | 8 535   | 8 700   | 817     | 5 135   | 11 692  | 15 946  |
| 0      | 0       | 0       | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0       |
| 0      | 310     | 69      | 19     | 91     | 305     | 250     | 41      | 76      | 491     | 155     |
| 0      | 213     | 209     | 32     | 3      | 208     | 176     | 38      | 79      | 559     | 23      |
| 0      | 0       | 0       | 0      | 0      | 0       | 2       | 1       | 0       | 1       | 0       |
| 81     | 2 976   | 1 294   | 307    | 741    | 14 996  | 4 465   | 241     | 2 395   | 4 567   | 3 142   |
| 6 496  | 330 220 | 98 738  | 32 864 | 42 999 | 246 040 | 657 808 | 143 527 | 419 638 | 362 378 | 185 613 |
| 2 758  | 51 952  | 32 776  | 5 556  | 13 055 | 74 767  | 27 899  | 12 906  | 14 716  | 81 992  | 38 197  |
| 1 884  | 5 934   | 1 629   | 746    | 2 653  | 24 491  | 54 525  | 1 539   | 24 197  | 23 252  | 20 041  |
| - 6    | 68      | 22      | 9      | 44     | 625     | 298     | 80      | 143     | 196     | 139     |
| 33     | 277     | 78      | 98     | 200    | 2 642   | 189     | 0       | 0       | 952     | 775     |
| 0      | 1 420   | 325     | 87     | 160    | 3 545   | 935     | 82      | 1 337   | 1 444   | 1 181   |
| 0      | 9       | 1       | 0      | 0      | 15      | 1       | 0       | 0       | 28      | 11      |
| 1 857  | 4 160   | 1 203   | 552    | 2 249  | 17 664  | 53 102  | 1 377   | 22 717  | 20 632  | 17 935  |
| 549    | 17 545  | 2 105   | 612    | 1 549  | 15 278  | 27 656  | 7 108   | 8 829   | 20 276  | 8 653   |
| 14 508 | 1 571   | 882     | 271    | 351    | 3 054   | 2 107   | 538     | 1 239   | 4 333   | 2 665   |
| 0      | 0       | 0       | 0      | 0      | 0       | 0       | 0       | 0       | 665     | 111     |
| 217    | 918     | 724     | 191    | 142    | 414     | 1 217   | 211     | 1 136   | 2 318   | 1 397   |
| 0      | 9       | 0       | 0      | 0      | 1 523   | 0       | 0       | 0       | 0       | 437     |
| 14 291 | 644     | 158     | 80     | 209    | 1 117   | 890     | 327     | 103     | 1 350   | 720     |
| 19 699 | 77 002  | 37 392  | 7 185  | 17 608 | 117 590 | 112 187 | 22 091  | 48 981  | 129 853 | 69 556  |
| 0      | 0       | 0       | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0       |
| 26 195 | 407 222 | 136 130 | 40 049 | 60 607 | 363 630 | 769 995 | 165 618 | 468 619 | 492 231 | 255 169 |

Table 105. Transactions table at producers' prices,

| Output sectors<br>(Supply) |   | Input sectors<br>(Use) |         |           |         |         |         |         |
|----------------------------|---|------------------------|---------|-----------|---------|---------|---------|---------|
|                            |   | 19                     | 20      | 21        | 22      | 23      | 24      | 25      |
| 01                         | Agricultural Products                                 | 0                      | 0       | 0         | 0       | 0       | 0       | 0       |
| 02                         | Livestock   | 0                      | 0       | 0         | 0       | 0       | 0       | 0       |
| 03                         | Forest Products                                       | 0                      | 0       | 0         | 0       | 0       | 8       | 0       |
| 04                         | Fisheries   | 0                      | 0       | 0         | 0       | 0       | 0       | 0       |
| 05                         | Minerals  | 458 491                | 56 280  | 34 837    | 372     | 1 053   | 530     | 138     |
| 06                         | Process Foods   | 3                      | 10      | 0         | 0       | 0       | 0       | 0       |
| 07                         | Beverages   | 0                      | 0       | 0         | 0       | 0       | 8       | 0       |
| 08                         | Tobacco   | 0                      | 0       | 0         | 0       | 0       | 0       | 0       |
| 09                         | Textile Mill Products                                 | 50                     | 383     | 268       | 12      | 959     | 221     | 657     |
| 10                         | Wearing Apparel and Accessories                       | 52                     | 48      | 19        | 2       | 414     | 165     | 18      |
| 11                         | Leather & Leather Products                            | 15                     | 0       | 11        | 0       | 303     | 429     | 16      |
| 12                         | Wood & Wood Products                                  | 14                     | 475     | 184       | 138     | 2 077   | 1 209   | 724     |
| 13                         | Paper & Paper Products & Printed Matter               | 186                    | 3 869   | 1 232     | 921     | 3 355   | 1 673   | 1 726   |
| 14                         | Industrial Chemicals                                  | 15 740                 | 8 906   | 3 636     | 10 938  | 5 188   | 1 359   | 386     |
| 15                         | Artificial Fibers                                     | 0                      | 36      | 22        | 0       | 84      | 0       | 0       |
| 16                         | Plastic   | 59                     | 1 175   | 419       | 455     | 2 696   | 2 538   | 1 970   |
| 17                         | Plastic & Rubber Products                             | 798                    | 1 298   | 1 437     | 332     | 8 823   | 14 952  | 8 697   |
| 18                         | Misc. Chemical Manufactures                           | 3 129                  | 3 386   | 4 412     | 525     | 11 113  | 896     | 740     |
| 19                         | Petroleum Refining Products                           | 30 701                 | 11 152  | 26 468    | 1 980   | 4 431   | 4 037   | 518     |
| 20                         | Non-metallic Mineral Products Manufacturing           | 182                    | 40 419  | 6 440     | 271     | 2 335   | 1 435   | 3 312   |
| 21                         | Iron and Steel Products                               | 299                    | 3 164   | 643 702   | 2 279   | 156 335 | 135 799 | 4 755   |
| 22                         | Miscellaneous Metals                                  | 387                    | 509     | 23 909    | 77 734  | 47 919  | 16 029  | 3 844   |
| 23                         | Metallic Products                                     | 485                    | 1 328   | 9 717     | 2 943   | 57 969  | 39 055  | 6 674   |
| 24                         | Machinery   | 2 188                  | 5 742   | 11 980    | 1 924   | 6 013   | 109 336 | 7 298   |
| 25                         | Household Electrical, Electronic Products             | 23                     | 28      | 54        | 1       | 323     | 894     | 13 757  |
| 26                         | Information Products                                  | 82                     | 0       | 0         | 0       | 56      | 15 665  | 321     |
| 27                         | Communication Equipment                               | 0                      | 0       | 0         | 0       | 0       | 0       | 150     |
| 28                         | Electronic Components & Parts                         | 0                      | 58      | 0         | 0       | 213     | 9 934   | 38 444  |
| 29                         | Electrical Machinery & Other Appliances               | 201                    | 825     | 1 281     | 834     | 1 776   | 35 133  | 11 459  |
| 30                         | Transport Equipment                                   | 555                    | 272     | 47        | 31      | 196     | 417     | 23      |
| 31                         | Other Manufactures                                    | 410                    | 160     | 109       | 34      | 592     | 2 925   | 681     |
| 32                         | Residential Building Construction                     | 371                    | 1 065   | 659       | 135     | 603     | 692     | 170     |
| 33                         | Public & Other Construction                           | 165                    | 39      | 16        | 19      | 64      | 1 079   | 49      |
| 34                         | Electricity   | 17 574                 | 9 170   | 18 261    | 5 107   | 8 320   | 5 038   | 1 110   |
| 35                         | Gas   | 0                      | 187     | 318       | 133     | 192     | 117     | 82      |
| 36                         | City Water  | 419                    | 117     | 2 957     | 52      | 213     | 144     | 34      |
| 37                         | Transportation and Warehousing                        | 5 904                  | 9 063   | 10 242    | 1 952   | 5 932   | 9 760   | 2 531   |
| 38                         | Post & Telecommunication Services                     | 531                    | 783     | 1 446     | 239     | 2 506   | 3 686   | 747     |
| 39                         | Commodities Trading                                   | 4 426                  | 14 492  | 51 049    | 13 460  | 36 391  | 42 119  | 7 056   |
| 40                         | Finance & Insurance Services                          | 4 741                  | 7 501   | 21 996    | 4 022   | 12 970  | 13 054  | 4 596   |
| 41                         | Real Estate Services                                  | 88                     | 886     | 449       | 158     | 2 027   | 2 844   | 492     |
| 42                         | Restaurant & Hotel Services                           | 150                    | 336     | 611       | 134     | 942     | 2 310   | 407     |
| 43                         | Information Services                                  | 1 111                  | 976     | 1 453     | 538     | 1 646   | 1 712   | 298     |
| 44                         | Other Business Services                               | 6 815                  | 4 569   | 5 133     | 1 588   | 10 415  | 16 318  | 7 379   |
| 45                         | Public Administration Services                        | 0                      | 0       | 0         | 0       | 0       | 0       | 0       |
| 46                         | Education Services                                    | 39                     | 77      | 1 671     | 215     | 526     | 543     | 232     |
| 47                         | Medical Services                                      | 0                      | 121     | 90        | 62      | 162     | 468     | 421     |
| 48                         | Broadcasting, Recreational & Cultural Services        | 0                      | 0       | 0         | 0       | 0       | 0       | 0       |
| 49                         | Other Social, Personal and Related Community Services | 5 189                  | 5 685   | 45 958    | 19 745  | 4 914   | 5 798   | 1 992   |
| 01-49                      | Intermediate Inputs                                   | 561 573                | 194 590 | 932 493   | 149 285 | 402 046 | 500 329 | 133 904 |
| 50                         | Compensation of Employees                             | 25 228                 | 37 097  | 75 093    | 7 714   | 93 153  | 101 429 | 22 812  |
| 51                         | Operating Surplus                                     | 54 812                 | 27 253  | 68 960    | 5 710   | 17 764  | 27 501  | 2 289   |
| 51-(1)                     | Interest  | 33                     | 383     | 626       | 33      | 263     | 408     | 41      |
| 51-(2)                     | Rent  | 913                    | 800     | 769       | 182     | 729     | 159     | 150     |
| 51-(3)                     | Transfer Payment                                      | 83                     | 637     | 1 954     | 140     | 1 801   | 1 265   | 465     |
| 51-(4)                     | Funds   | 7 228                  | 9       | 4         | 0       | 5       | 0       | 0       |
| 51-(5)                     | Profits   | 46 555                 | 25 424  | 65 607    | 5 355   | 14 966  | 25 669  | 1 633   |
| 52                         | Depreciation  | 21 269                 | 15 188  | 35 448    | 5 514   | 18 107  | 15 448  | 3 163   |
| 53                         | Indirect Taxes  | 93 198                 | 6 607   | 1 501     | 478     | 2 157   | 3 769   | 4 842   |
| 53-(1)                     | Net Commodity Taxes                                   | 89 337                 | 5 099   | 0         | 0       | 0       | 0       | 3 851   |
| 53-(2)                     | Net Import Duties                                     | 199                    | 795     | 677       | 381     | 734     | 2 818   | 741     |
| 53-(3)                     | Value Added Taxes                                     | 528                    | 0       | 0         | 0       | 0       | 67      | 0       |
| 53-(4)                     | Other Taxes   | 3 134                  | 713     | 824       | 97      | 1 423   | 884     | 250     |
| 50-53                      | Primary Inputs  | 194 507                | 86 145  | 181 002   | 19 416  | 131 181 | 148 147 | 33 106  |
| 54                         | Adjustment Item                                       | 0                      | 0       | 0         | 0       | 0       | 0       | 0       |
| 01-54                      | Total Inputs  | 756 080                | 280 735 | 1 113 495 | 168 701 | 533 227 | 648 476 | 167 010 |



2004 (excluding net import duties) (continued)

Millions of N.T. Dollars

| 26      | 27      | 28        | 29      | 30      | 31      | 32      | 33      | 34      | 35     | 36     |
|---------|---------|-----------|---------|---------|---------|---------|---------|---------|--------|--------|
| 0       | 0       | 0         | 0       | 0       | 0       | 123     | 638     | 0       | 0      | 0      |
| 0       | 0       | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 0      | 0      |
| 0       | 0       | 0         | 21      | 156     | 356     | 298     | 360     | 0       | 0      | 0      |
| 0       | 0       | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 0      | 0      |
| 0       | 0       | 575       | 385     | 524     | 321     | 12 307  | 37 517  | 140 977 | 9 728  | 0      |
| 0       | 0       | 0         | 0       | 0       | 2 001   | 0       | 0       | 33      | 0      | 0      |
| 0       | 0       | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 0      | 0      |
| 0       | 0       | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 0      | 0      |
| 10      | 0       | 3         | 93      | 1 408   | 4 913   | 0       | 0       | 0       | 0      | 0      |
| 113     | 1       | 788       | 18      | 1 112   | 858     | 405     | 12      | 65      | 0      | 4      |
| 19      | 9       | 1         | 7       | 2 421   | 942     | 0       | 0       | 0       | 0      | 0      |
| 223     | 3       | 52        | 405     | 3 308   | 2 709   | 17 107  | 6 954   | 0       | 0      | 0      |
| 4 864   | 1 372   | 6 065     | 2 078   | 1 923   | 3 580   | 1 310   | 1 288   | 540     | 44     | 73     |
| 910     | 133     | 112 815   | 2 909   | 1 699   | 1 245   | 149     | 1 048   | 4 024   | 90     | 573    |
| 17      | 0       | 3         | 433     | 149     | 2 283   | 0       | 0       | 0       | 0      | 0      |
| 19 223  | 691     | 23 574    | 9 072   | 6 421   | 8 582   | 0       | 78      | 0       | 0      | 0      |
| 21 195  | 8 542   | 56 751    | 12 045  | 30 033  | 16 209  | 17 527  | 15 775  | 23      | 40     | 304    |
| 5 902   | 664     | 40 162    | 3 174   | 4 896   | 1 555   | 4 766   | 5 327   | 202     | 0      | 33     |
| 425     | 430     | 2 744     | 1 689   | 2 598   | 1 176   | 3 105   | 20 183  | 35 410  | 14 604 | 77     |
| 953     | 5       | 65 264    | 1 556   | 5 892   | 5 817   | 68 722  | 61 474  | 209     | 0      | 4      |
| 1 589   | 315     | 3 318     | 24 108  | 56 053  | 7 340   | 65 793  | 84 586  | 80      | 34     | 94     |
| 5 042   | 555     | 53 224    | 66 593  | 18 280  | 12 815  | 1 034   | 174     | 0       | 0      | 145    |
| 6 175   | 6 697   | 11 250    | 8 844   | 22 552  | 11 347  | 38 719  | 28 145  | 190     | 4      | 65     |
| 5 465   | 1 201   | 46 701    | 8 321   | 13 213  | 3 735   | 6 504   | 10 006  | 3 896   | 155    | 1 270  |
| 1 053   | 4 357   | 9 076     | 128     | 3 869   | 501     | 5 405   | 2 024   | 1       | 0      | 0      |
| 50 243  | 558     | 880       | 903     | 226     | 1 237   | 6       | 0       | 11      | 0      | 0      |
| 0       | 6 583   | 7         | 0       | 1 047   | 0       | 1 369   | 480     | 130     | 0      | 0      |
| 414 868 | 113 142 | 752 544   | 10 233  | 3 727   | 37 300  | 0       | 0       | 0       | 0      | 0      |
| 14 634  | 7 607   | 27 981    | 75 351  | 10 834  | 4 069   | 28 091  | 47 567  | 12 077  | 0      | 222    |
| 53      | 2       | 290       | 32      | 192 942 | 287     | 19      | 59      | 54      | 3      | 12     |
| 1 268   | 225     | 12 158    | 1 275   | 3 888   | 26 504  | 106     | 918     | 660     | 525    | 24     |
| 109     | 164     | 3 381     | 226     | 747     | 311     | 155     | 335     | 537     | 37     | 154    |
| 0       | 39      | 188       | 57      | 29      | 5       | 101     | 87      | 4 998   | 288    | 287    |
| 3 709   | 420     | 30 644    | 3 676   | 4 482   | 2 556   | 623     | 1 185   | 36 319  | 106    | 1 408  |
| 15      | 7       | 1 758     | 21      | 221     | 35      | 35      | 66      | 16      | 0      | 0      |
| 118     | 4       | 1 474     | 69      | 141     | 156     | 236     | 803     | 260     | 3      | 6 652  |
| 7 863   | 2 063   | 15 644    | 3 292   | 5 796   | 3 326   | 13 542  | 22 146  | 2 336   | 951    | 76     |
| 2 734   | 1 159   | 5 541     | 907     | 1 709   | 1 445   | 2 328   | 2 786   | 369     | 65     | 140    |
| 22 596  | 6 554   | 49 470    | 27 974  | 40 053  | 12 345  | 33 587  | 36 971  | 1 386   | 1 101  | 156    |
| 23 719  | 6 840   | 72 631    | 9 634   | 8 916   | 5 839   | 6 042   | 10 031  | 10 309  | 451    | 1 097  |
| 895     | 611     | 3 223     | 806     | 697     | 1 074   | 985     | 1 139   | 18      | 47     | 96     |
| 1 161   | 540     | 2 505     | 640     | 987     | 809     | 746     | 888     | 80      | 24     | 50     |
| 1 445   | 623     | 10 918    | 545     | 2 428   | 648     | 1 111   | 1 266   | 487     | 0      | 21     |
| 28 636  | 8 826   | 110 653   | 5 973   | 19 731  | 7 928   | 11 606  | 35 627  | 6 137   | 671    | 358    |
| 0       | 0       | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 0      | 0      |
| 972     | 100     | 1 162     | 280     | 375     | 157     | 214     | 651     | 181     | 14     | 6      |
| 969     | 357     | 1 315     | 227     | 596     | 106     | 1 077   | 2 912   | 0       | 3      | 2      |
| 0       | 134     | 867       | 1       | 285     | 433     | 0       | 0       | 0       | 7      | 0      |
| 16 934  | 5 067   | 45 887    | 2 538   | 9 381   | 2 684   | 2 117   | 7 622   | 2 932   | 171    | 723    |
| 666 119 | 186 600 | 1 583 487 | 286 539 | 485 745 | 197 539 | 347 370 | 449 128 | 264 947 | 29 166 | 14 126 |
| 50 519  | 23 671  | 234 719   | 39 671  | 77 972  | 52 453  | 97 950  | 134 826 | 38 806  | 3 618  | 9 457  |
| 37 730  | 13 439  | 124 767   | 13 749  | 25 383  | 12 276  | 7 962   | 17 522  | 38 167  | 2 176  | 1 314  |
| 399     | 20      | 538       | 75      | 126     | 52      | 82      | 415     | 6 260   | 9      | 51     |
| 378     | 0       | 0         | 224     | 1 538   | 0       | 18      | 264     | 63      | 0      | 190    |
| 2 965   | 395     | 2 180     | 673     | 1 987   | 74      | 517     | 863     | 2 831   | 244    | 135    |
| 9       | 0       | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 0      | 0      |
| 33 979  | 13 024  | 122 049   | 12 777  | 21 732  | 12 150  | 7 345   | 15 980  | 29 013  | 1 923  | 938    |
| 21 915  | 2 948   | 246 111   | 9 982   | 20 402  | 7 586   | 2 628   | 11 391  | 87 005  | 1 840  | 8 849  |
| 2 589   | 527     | 6 790     | 2 073   | 43 651  | 879     | 2 662   | 3 858   | 2 664   | 140    | 650    |
| 0       | 0       | 0         | 276     | 35 753  | 0       | 0       | 0       | 0       | 0      | 0      |
| 959     | 420     | 3 733     | 1 477   | 7 436   | 668     | 1 314   | 965     | 66      | 9      | 5      |
| 0       | 0       | 0         | 0       | 13      | 0       | 0       | 0       | 54      | 0      | 0      |
| 1 630   | 107     | 3 057     | 320     | 449     | 211     | 1 348   | 2 893   | 2 544   | 131    | 645    |
| 112 753 | 40 585  | 612 387   | 65 475  | 167 408 | 73 194  | 111 202 | 167 597 | 166 642 | 7 774  | 20 270 |
| 0       | 0       | 0         | 0       | 0       | 0       | 0       | 0       | 6 450   | 0      | 0      |
| 778 872 | 227 185 | 2 195 874 | 352 014 | 653 153 | 270 733 | 458 572 | 616 725 | 438 039 | 36 940 | 34 396 |

Table 105. Transactions table at producers' prices,

| Output sectors<br>(Supply) |   | Input sectors<br>(Use) |         |           |           |           |         |         |
|----------------------------|---|------------------------|---------|-----------|-----------|-----------|---------|---------|
|                            |   | 37                     | 38      | 39        | 40        | 41        | 42      | 43      |
| 01                         | Agricultural Products                                 | 0                      | 0       | 0         | 0         | 0         | 31      | 0       |
| 02                         | Livestock   | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 03                         | Forest Products                                       | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 04                         | Fisheries   | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 05                         | Minerals  | 71                     | 0       | 0         | 0         | 0         | 892     | 0       |
| 06                         | Process Foods   | 0                      | 0       | 2         | 0         | 0         | 1 874   | 0       |
| 07                         | Beverages   | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 08                         | Tobacco   | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 09                         | Textile Mill Products                                 | 177                    | 0       | 1 243     | 0         | 0         | 1       | 0       |
| 10                         | Wearing Apparel and Accessories                       | 49                     | 0       | 1 006     | 0         | 0         | 2 746   | 0       |
| 11                         | Leather & Leather Products                            | 0                      | 0       | 2         | 0         | 0         | 0       | 0       |
| 12                         | Wood & Wood Products                                  | 180                    | 0       | 1 909     | 0         | 0         | 258     | 0       |
| 13                         | Paper & Paper Products & Printed Matter               | 3 532                  | 1 534   | 28 033    | 20 538    | 250       | 5 102   | 1 623   |
| 14                         | Industrial Chemicals                                  | 47                     | 0       | 0         | 0         | 0         | 6       | 0       |
| 15                         | Artificial Fibers                                     | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 16                         | Plastic   | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 17                         | Plastic & Rubber Products                             | 5 164                  | 16      | 26 125    | 0         | 0         | 7 889   | 0       |
| 18                         | Misc. Chemical Manufactures                           | 440                    | 0       | 1 023     | 296       | 21        | 2 581   | 0       |
| 19                         | Petroleum Refining Products                           | 149 223                | 505     | 33 567    | 1 280     | 935       | 2 387   | 137     |
| 20                         | Non-metallic Mineral Products Manufacturing           | 8                      | 0       | 121       | 0         | 0         | 1 478   | 0       |
| 21                         | Iron and Steel Products                               | 454                    | 0       | 427       | 0         | 0         | 0       | 0       |
| 22                         | Miscellaneous Metals                                  | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 23                         | Metallic Products                                     | 764                    | 6       | 953       | 0         | 9         | 645     | 55      |
| 24                         | Machinery   | 4 522                  | 102     | 2 704     | 2 784     | 21        | 301     | 484     |
| 25                         | Household Electrical, Electronic Products             | 300                    | 0       | 83        | 485       | 0         | 508     | 454     |
| 26                         | Information Products                                  | 21                     | 1 209   | 63        | 2 044     | 24        | 2       | 8 736   |
| 27                         | Communication Equipment                               | 27                     | 4 683   | 0         | 0         | 0         | 0       | 0       |
| 28                         | Electronic Components & Parts                         | 245                    | 0       | 0         | 0         | 0         | 3       | 5 592   |
| 29                         | Electrical Machinery & Other Appliances               | 470                    | 3 354   | 862       | 234       | 46        | 13      | 422     |
| 30                         | Transport Equipment                                   | 38 690                 | 64      | 4 230     | 58        | 15        | 49      | 63      |
| 31                         | Other Manufactures                                    | 958                    | 439     | 3 134     | 517       | 63        | 644     | 271     |
| 32                         | Residential Building Construction                     | 1 101                  | 2 210   | 6 095     | 2 122     | 37 124    | 958     | 264     |
| 33                         | Public & Other Construction                           | 4 396                  | 5 345   | 128       | 0         | 55 955    | 1       | 0       |
| 34                         | Electricity   | 5 541                  | 7 829   | 32 977    | 3 653     | 454       | 6 541   | 1 175   |
| 35                         | Gas   | 189                    | 11      | 1 050     | 156       | 0         | 9 373   | 65      |
| 36                         | City Water  | 534                    | 90      | 1 621     | 214       | 114       | 1 763   | 68      |
| 37                         | Transportation and Warehousing                        | 109 738                | 1 389   | 39 458    | 6 341     | 460       | 1 391   | 2 619   |
| 38                         | Post & Telecommunication Services                     | 10 594                 | 47 633  | 56 177    | 12 952    | 1 601     | 3 271   | 23 655  |
| 39                         | Commodities Trading                                   | 14 808                 | 542     | 13 669    | 4 251     | 175       | 3 974   | 1 213   |
| 40                         | Finance & Insurance Services                          | 40 126                 | 5 642   | 116 799   | 400 757   | 70 174    | 5 292   | 3 547   |
| 41                         | Real Estate Services                                  | 9 481                  | 5 113   | 91 145    | 30 803    | 5 928     | 14 043  | 2 935   |
| 42                         | Restaurant & Hotel Services                           | 4 106                  | 431     | 11 215    | 1 073     | 340       | 239     | 2 046   |
| 43                         | Information Services                                  | 9 937                  | 763     | 27 364    | 53 733    | 6 387     | 8 646   | 2 016   |
| 44                         | Other Business Services                               | 73 501                 | 48 593  | 147 034   | 41 683    | 24 989    | 7 844   | 11 160  |
| 45                         | Public Administration Services                        | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 46                         | Education Services                                    | 370                    | 911     | 416       | 616       | 41        | 86      | 27      |
| 47                         | Medical Services                                      | 410                    | 0       | 11 795    | 5 077     | 0         | 296     | 0       |
| 48                         | Broadcasting, Recreational & Cultural Services        | 0                      | 0       | 0         | 0         | 310       | 85      | 0       |
| 49                         | Other Social, Personal and Related Community Services | 23 054                 | 4 991   | 70 383    | 38 143    | 5 016     | 7 409   | 3 555   |
| 01-49                      | Intermediate Inputs                                   | 513 228                | 143 405 | 732 813   | 629 810   | 210 452   | 98 622  | 72 182  |
| 50                         | Compensation of Employees                             | 262 113                | 76 857  | 1 088 710 | 429 191   | 55 005    | 167 353 | 81 328  |
| 51                         | Operating Surplus                                     | 37 857                 | 120 047 | 352 387   | 381 726   | 893 510   | 38 324  | 19 993  |
| 51-(1)                     | Interest  | 1 246                  | 110     | 2 204     | - 17 677  | 15 110    | 83      | 64      |
| 51-(2)                     | Rent  | 7 489                  | 2 770   | 20 084    | 212       | 856 783   | 3 975   | 615     |
| 51-(3)                     | Transfer Payment                                      | 8 851                  | 6 516   | 44 498    | 39 908    | 6 684     | 970     | 2 785   |
| 51-(4)                     | Funds   | 2 591                  | 0       | 0         | 0         | 0         | 0       | 0       |
| 51-(5)                     | Profits   | 17 680                 | 110 651 | 285 601   | 359 283   | 14 933    | 33 296  | 16 529  |
| 52                         | Depreciation  | 67 818                 | 66 581  | 71 335    | 29 793    | 55 239    | 14 214  | 11 990  |
| 53                         | Indirect Taxes  | 17 712                 | 12 642  | 67 318    | 42 140    | 34 375    | 5 958   | 607     |
| 53-(1)                     | Net Commodity Taxes                                   | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 53-(2)                     | Net Import Duties                                     | 674                    | 5       | 261       | 25        | 0         | 25      | 11      |
| 53-(3)                     | Value Added Taxes                                     | 0                      | 3 603   | 0         | 8 379     | 10        | 0       | 0       |
| 53-(4)                     | Other Taxes   | 17 038                 | 9 034   | 67 057    | 33 736    | 34 365    | 5 933   | 596     |
| 50-53                      | Primary Inputs  | 385 500                | 276 127 | 1 579 750 | 882 850   | 1 038 129 | 225 849 | 113 918 |
| 54                         | Adjustment Item                                       | 0                      | 0       | 0         | 0         | 0         | 0       | 0       |
| 01-54                      | Total Inputs  | 898 728                | 419 532 | 2 312 563 | 1 512 660 | 1 248 581 | 324 471 | 186 100 |

## 2004 (excluding net import duties) (continued)

Millions of N.T. Dollars

| 44      | 45        | 46      | 47      | 48      | 49       | 01-49      | 50<br>Household<br>Consumption | 51<br>Government<br>Consumption | 52<br>Fixed Capital<br>Formation | 53<br>Inventory<br>Change |
|---------|-----------|---------|---------|---------|----------|------------|--------------------------------|---------------------------------|----------------------------------|---------------------------|
| 70      | 554       | 66      | 0       | 0       | 387      | 159 860    | 133 940                        | 0                               | 1 119                            | - 2 185                   |
| 26      | 12        | 16      | 0       | 0       | 0        | 121 323    | 24 637                         | 0                               | 3 352                            | - 747                     |
| 73      | 100       | 0       | 0       | 0       | 0        | 12 357     | 95                             | 0                               | 2 020                            | 130                       |
| 0       | 11        | 0       | 0       | 0       | 0        | 14 033     | 50 956                         | 0                               | 0                                | - 238                     |
| 114     | 78        | 0       | 0       | 0       | 93       | 783 464    | 558                            | 0                               | 0                                | - 2 595                   |
| 93      | 3 116     | 308     | 0       | 102     | 1 175    | 178 923    | 386 226                        | 0                               | 0                                | - 408                     |
| 59      | 332       | 44      | 0       | 0       | 236      | 3 187      | 98 319                         | 0                               | 0                                | - 209                     |
| 121     | 53        | 25      | 0       | 0       | 68       | 2 193      | 45 224                         | 0                               | 0                                | - 113                     |
| 308     | 227       | 0       | 0       | 78      | 2 588    | 211 584    | 5 673                          | 0                               | 1 062                            | 2 597                     |
| 39      | 1 385     | 291     | 364     | 170     | 1 290    | 25 356     | 98 326                         | 0                               | 0                                | 568                       |
| 29      | 155       | 0       | 0       | 0       | 37       | 16 065     | 21 349                         | 0                               | 0                                | 189                       |
| 1 110   | 237       | 240     | 0       | 81      | 1 108    | 62 586     | 17 322                         | 0                               | 1 725                            | - 159                     |
| 83 587  | 9 409     | 3 917   | 2 086   | 4 699   | 10 798   | 362 791    | 53 000                         | 0                               | 0                                | - 743                     |
| 2 934   | 462       | 65      | 6 917   | 20      | 2 925    | 994 304    | 31                             | 0                               | 0                                | 14 114                    |
| 104     | 0         | 0       | 0       | 0       | 233      | 102 836    | 0                              | 0                               | 0                                | 1 565                     |
| 504     | 4         | 12      | 0       | 0       | 452      | 325 793    | 0                              | 0                               | 0                                | 7 044                     |
| 3 080   | 1 123     | 577     | 369     | 894     | 11 435   | 374 988    | 34 878                         | 0                               | 0                                | 6 352                     |
| 2 689   | 1 280     | 1 154   | 27 419  | 959     | 24 373   | 279 877    | 108 268                        | 0                               | 0                                | 2 217                     |
| 6 690   | 5 986     | 1 703   | 1 804   | 845     | 9 823    | 628 542    | 102 192                        | 0                               | 0                                | - 358                     |
| 2 025   | 408       | 712     | 1 715   | 30      | 766      | 279 568    | 12 448                         | 0                               | 9                                | - 2 917                   |
| 1 069   | 268       | 4       | 0       | 0       | 8 290    | 1 203 941  | 0                              | 0                               | 0                                | 28 200                    |
| 1 437   | 136       | 21      | 0       | 0       | 2 360    | 347 738    | 17                             | 0                               | 0                                | 6 788                     |
| 1 943   | 1 523     | 1 803   | 1 126   | 283     | 2 845    | 288 633    | 39 734                         | 0                               | 14 262                           | 2 354                     |
| 5 970   | 3 501     | 1 127   | 695     | 805     | 5 997    | 306 324    | 3 866                          | 0                               | 597 342                          | 13 370                    |
| 4 569   | 1 791     | 3 870   | 318     | 2 571   | 1 446    | 58 439     | 75 621                         | 0                               | 21 726                           | - 117                     |
| 10 030  | 3 799     | 5 000   | 1 108   | 3 073   | 2 072    | 107 876    | 89 439                         | 0                               | 89 330                           | 4 389                     |
| 45      | 621       | 0       | 0       | 0       | 200      | 15 342     | 58 135                         | 0                               | 57 400                           | - 254                     |
| 26 654  | 930       | 647     | 0       | 52      | 2 666    | 1 417 253  | 8 849                          | 0                               | 0                                | - 44 277                  |
| 4 117   | 3 452     | 1 118   | 184     | 446     | 4 373    | 305 620    | 14 269                         | 0                               | 33 993                           | - 1 569                   |
| 1 476   | 684       | 182     | 1 353   | 252     | 29 815   | 277 169    | 220 184                        | 0                               | 136 601                          | 12 836                    |
| 16 211  | 1 724     | 7 972   | 8 022   | 5 001   | 9 700    | 118 088    | 96 758                         | 0                               | 215 231                          | - 1 961                   |
| 1 047   | 759       | 619     | 253     | 1 285   | 2 147    | 70 953     | 0                              | 0                               | 391 875                          | 0                         |
| 98      | 1 670     | 2 418   | 0       | 142     | 274      | 79 139     | 0                              | 0                               | 537 586                          | 0                         |
| 5 840   | 5 374     | 6 647   | 5 603   | 3 803   | 13 002   | 350 298    | 89 637                         | 0                               | 0                                | 0                         |
| 261     | 83        | 280     | 180     | 233     | 667      | 17 010     | 20 263                         | 0                               | 0                                | 10                        |
| 426     | 728       | 338     | 502     | 238     | 931      | 23 421     | 11 354                         | 0                               | 0                                | 0                         |
| 9 471   | 11 121    | 2 089   | 3 149   | 1 167   | 10 573   | 366 927    | 286 733                        | 0                               | 9 625                            | 109                       |
| 12 585  | 27 936    | 2 786   | 3 853   | 2 901   | 19 595   | 265 512    | 161 450                        | 0                               | 0                                | 0                         |
| 22 051  | 10 396    | 2 730   | 6 595   | 2 103   | 12 239   | 671 755    | 1 044 179                      | 0                               | 162 407                          | 636                       |
| 16 047  | 3 323     | 5 228   | 4 676   | 4 691   | 77 400   | 1 071 109  | 462 006                        | 79                              | 7 000                            | 0                         |
| 10 675  | 1 903     | 202     | 2 450   | 7 600   | 21 142   | 228 093    | 985 494                        | 0                               | 43 532                           | 0                         |
| 5 738   | 6 830     | 766     | 502     | 651     | 5 128    | 57 444     | 304 889                        | 0                               | 0                                | 0                         |
| 11 597  | 8 601     | 305     | 2 415   | 2 399   | 17 711   | 193 971    | 4 217                          | 0                               | 0                                | 0                         |
| 38 045  | 13 912    | 2 567   | 2 954   | 10 404  | 83 596   | 881 582    | 19 507                         | 4 444                           | 0                                | 0                         |
| 0       | 0         | 0       | 0       | 0       | 0        | 0          | 0                              | 1 023 193                       | 0                                | 0                         |
| 797     | 4 336     | 92      | 220     | 26      | 449      | 18 208     | 318 151                        | 219 360                         | 0                                | 0                         |
| 1 234   | 1 116     | 1 183   | 117     | 39      | 3 855    | 36 136     | 340 687                        | 5 663                           | 0                                | 0                         |
| 50 127  | 780       | 125     | 0       | 22 579  | 17 047   | 92 787     | 162 405                        | 7 205                           | 0                                | 0                         |
| 23 967  | 57 935    | 4 299   | 6 201   | 35 765  | 20 082   | 528 836    | 445 120                        | 12 491                          | 0                                | 2 428                     |
| 387 182 | 200 164   | 63 548  | 93 150  | 116 387 | 443 389  | 14 339 234 | 6 456 406                      | 1 272 435                       | 2 320 197                        | 47 046                    |
| 297 864 | 694 529   | 452 974 | 215 920 | 75 820  | 378 648  | 5 976 230  | 0                              | 0                               | 0                                | 0                         |
| 60 667  | 0         | 14 513  | 54 551  | 24 645  | 72 886   | 2 828 454  | 0                              | 0                               | 0                                | 0                         |
| - 1 058 | 0         | 2 414   | - 1 042 | 1 512   | - 3 300  | 11 330     | 0                              | 0                               | 0                                | 0                         |
| 9 633   | 0         | 0       | 1 161   | 3 221   | 12 575   | 933 042    | 0                              | 0                               | 0                                | 0                         |
| 15 307  | 0         | 0       | 3 865   | 2 565   | 10 228   | 176 120    | 0                              | 0                               | 0                                | 0                         |
| 0       | 0         | 0       | 0       | 0       | 0        | 9 911      | 0                              | 0                               | 0                                | 0                         |
| 36 785  | 0         | 12 099  | 50 567  | 17 347  | 53 383   | 1 698 051  | 0                              | 0                               | 0                                | 0                         |
| 37 793  | 122 958   | 10 805  | 22 375  | 15 281  | 23 827   | 1 240 331  | 0                              | 0                               | 0                                | 0                         |
| 10 936  | 5 542     | - 3 139 | - 4 722 | 7 423   | 8 273    | 448 999    | 177 790                        | 0                               | 67 127                           | 3 119                     |
| 0       | 0         | 0       | 0       | 0       | 0        | 138 144    | 0                              | 0                               | 0                                | 0                         |
| 263     | 338       | 157     | 229     | 59      | 1 433    | 39 120     | 74 901                         | 0                               | 11 652                           | 254                       |
| 4 670   | 5 204     | 2 438   | 4 031   | 3 513   | 650      | 39 892     | 102 889                        | 0                               | 55 475                           | 2 865                     |
| 6 003   | 0         | - 5 734 | - 8 982 | 3 851   | 6 190    | 231 843    | 0                              | 0                               | 0                                | 0                         |
| 407 260 | 823 029   | 475 153 | 288 124 | 123 169 | 483 634  | 10 494 014 | 177 790                        | 0                               | 67 127                           | 3 119                     |
| 0       | 0         | 0       | 0       | 0       | - 55 028 | - 48 578   | 0                              | 0                               | 0                                | 0                         |
| 794 442 | 1 023 193 | 538 701 | 381 274 | 239 556 | 871 995  | 24 784 670 | 6 634 196                      | 1 272 435                       | 2 387 324                        | 50 165                    |

Table 105. Transactions table at producers' prices, 2004 (excluding net import duties) (continued)

| Output sectors<br>(Supply) | Input sectors<br>(Use)                                | 54                    | 55                        | 50-55        | 01-55=56-58                    | 56                       | 57                    | 58                            |
|----------------------------|---|-----------------------|---------------------------|--------------|--------------------------------|--------------------------|-----------------------|-------------------------------|
|                            |   | Territorial<br>Export | Non-Territorial<br>Export | Final Demand | Total Demand =<br>Total Supply | Total Domestic<br>Output | Territorial<br>Import | Non-<br>Territorial<br>Import |
| 01                         | Agricultural Products                                 | 3 916                 | 0                         | 136 790      | 296 650                        | 216 435                  | 75 316                | 4 899                         |
| 02                         | Livestock   | 271                   | 0                         | 27 513       | 148 836                        | 144 804                  | 3 150                 | 882                           |
| 03                         | Forest Products                                       | 223                   | 0                         | 2 468        | 14 825                         | 3 185                    | 11 639                | 1                             |
| 04                         | Fisheries   | 5 195                 | 38 978                    | 94 891       | 108 924                        | 99 643                   | 4 658                 | 4 623                         |
| 05                         | Minerals  | 445                   | 2                         | - 1 590      | 781 874                        | 106 228                  | 675 612               | 34                            |
| 06                         | Process Foods   | 28 630                | 263                       | 414 711      | 593 634                        | 467 485                  | 112 434               | 13 715                        |
| 07                         | Beverages   | 2 675                 | 109                       | 100 894      | 104 081                        | 79 402                   | 15 198                | 9 481                         |
| 08                         | Tobacco   | 324                   | 5                         | 45 440       | 47 633                         | 26 195                   | 18 969                | 2 469                         |
| 09                         | Textile Mill Products                                 | 215 898               | 1 613                     | 226 843      | 438 427                        | 407 222                  | 29 756                | 1 449                         |
| 10                         | Wearing Apparel and Accessories                       | 67 337                | 2 632                     | 168 863      | 194 219                        | 136 130                  | 44 036                | 14 053                        |
| 11                         | Leather & Leather Products                            | 26 259                | 105                       | 47 902       | 63 967                         | 40 049                   | 19 629                | 4 289                         |
| 12                         | Wood & Wood Products                                  | 21 518                | 720                       | 41 126       | 103 712                        | 60 607                   | 42 448                | 657                           |
| 13                         | Paper & Paper Products & Printed Matter               | 35 013                | 4 866                     | 92 136       | 454 927                        | 363 630                  | 72 400                | 18 897                        |
| 14                         | Industrial Chemicals                                  | 183 751               | 0                         | 197 896      | 1 192 200                      | 769 995                  | 422 187               | 18                            |
| 15                         | Artificial Fibers                                     | 70 167                | 0                         | 71 732       | 174 568                        | 165 618                  | 8 950                 | 0                             |
| 16                         | Plastic   | 212 050               | 0                         | 219 094      | 544 887                        | 468 619                  | 76 266                | 2                             |
| 17                         | Plastic & Rubber Products                             | 192 386               | 650                       | 234 266      | 609 254                        | 492 231                  | 115 898               | 1 125                         |
| 18                         | Misc. Chemical Manufactures                           | 66 465                | 289                       | 177 239      | 457 116                        | 255 169                  | 188 833               | 13 114                        |
| 19                         | Petroleum Refining Products                           | 176 563               | 35                        | 278 432      | 906 974                        | 756 080                  | 94 325                | 56 569                        |
| 20                         | Non-metallic Mineral Products Manufacturing           | 42 598                | 918                       | 53 056       | 332 624                        | 280 735                  | 51 109                | 780                           |
| 21                         | Iron and Steel Products                               | 219 547               | 0                         | 247 747      | 1 451 688                      | 1 113 495                | 338 158               | 35                            |
| 22                         | Miscellaneous Metals                                  | 55 054                | 0                         | 61 859       | 409 597                        | 168 701                  | 240 829               | 67                            |
| 23                         | Metallic Products                                     | 244 559               | 354                       | 301 263      | 589 896                        | 533 227                  | 56 014                | 655                           |
| 24                         | Machinery   | 354 637               | 5                         | 969 220      | 1 275 544                      | 648 476                  | 626 919               | 149                           |
| 25                         | Household Electrical, Electronic Products             | 78 093                | 900                       | 176 223      | 234 662                        | 167 010                  | 61 352                | 6 300                         |
| 26                         | Information Products                                  | 697 164               | 132                       | 880 454      | 988 330                        | 778 872                  | 207 760               | 1 698                         |
| 27                         | Communication Equipment                               | 159 640               | 0                         | 274 921      | 290 263                        | 227 185                  | 62 927                | 151                           |
| 28                         | Electronic Components & Parts                         | 1 786 413             | 0                         | 1 750 985    | 3 168 238                      | 2 195 874                | 972 345               | 19                            |
| 29                         | Electrical Machinery & Other Appliances               | 121 650               | 1                         | 168 344      | 473 964                        | 352 014                  | 121 753               | 197                           |
| 30                         | Transport Equipment                                   | 214 061               | 429                       | 584 111      | 861 280                        | 653 153                  | 203 323               | 4 804                         |
| 31                         | Other Manufactures                                    | 176 050               | 8 337                     | 494 415      | 612 503                        | 270 733                  | 324 548               | 17 222                        |
| 32                         | Residential Building Construction                     | 0                     | 4 556                     | 396 431      | 467 384                        | 458 572                  | 0                     | 8 812                         |
| 33                         | Public & Other Construction                           | 0                     | 0                         | 537 586      | 616 725                        | 616 725                  | 0                     | 0                             |
| 34                         | Electricity   | 0                     | 64                        | 89 701       | 439 999                        | 438 039                  | 0                     | 1 960                         |
| 35                         | Gas   | 0                     | 1                         | 20 274       | 37 284                         | 36 940                   | 0                     | 344                           |
| 36                         | City Water  | 0                     | 8                         | 11 362       | 34 783                         | 34 396                   | 0                     | 387                           |
| 37                         | Transportation and Warehousing                        | 49 373                | 328 623                   | 674 463      | 1 041 390                      | 898 728                  | 0                     | 142 662                       |
| 38                         | Post & Telecommunication Services                     | 0                     | 8 213                     | 169 663      | 435 175                        | 419 532                  | 0                     | 15 643                        |
| 39                         | Commodities Trading                                   | 420 276               | 13 310                    | 1 640 808    | 2 312 563                      | 2 312 563                | 0                     | 0                             |
| 40                         | Finance & Insurance Services                          | 0                     | 18 064                    | 480 149      | 1 551 258                      | 1 512 660                | 0                     | 38 598                        |
| 41                         | Real Estate Services                                  | 0                     | 0                         | 1 029 026    | 1 257 119                      | 1 248 581                | 0                     | 8 538                         |
| 42                         | Restaurant & Hotel Services                           | 0                     | 70 856                    | 375 745      | 433 189                        | 324 471                  | 0                     | 108 718                       |
| 43                         | Information Services                                  | 0                     | 27 609                    | 31 826       | 225 797                        | 186 100                  | 0                     | 39 697                        |
| 44                         | Other Business Services                               | 0                     | 85 908                    | 109 859      | 991 441                        | 794 442                  | 0                     | 196 999                       |
| 45                         | Public Administration Services                        | 0                     | 0                         | 1 023 193    | 1 023 193                      | 1 023 193                | 0                     | 0                             |
| 46                         | Education Services                                    | 0                     | 0                         | 537 511      | 555 719                        | 538 701                  | 0                     | 17 018                        |
| 47                         | Medical Services                                      | 0                     | 0                         | 346 350      | 382 486                        | 381 274                  | 0                     | 1 212                         |
| 48                         | Broadcasting, Recreational & Cultural Services        | 0                     | 10 880                    | 180 490      | 273 277                        | 239 556                  | 0                     | 33 721                        |
| 49                         | Other Social, Personal and Related Community Services | 21 035                | 17 303                    | 498 377      | 1 027 213                      | 871 995                  | 609                   | 154 609                       |
| 01-49                      | Intermediate Inputs                                   | 5 949 236             | 646 738                   | 16 692 058   | 31 031 292                     | 24 784 670               | 5 299 350             | 947 272                       |
| 50                         | Compensation of Employees                             | 0                     | 0                         | 0            | 5 976 230                      | 0                        | 0                     | 0                             |
| 51                         | Operating Surplus                                     | 0                     | 0                         | 0            | 2 828 454                      | 0                        | 0                     | 0                             |
| 51-(1)                     | Interest  | 0                     | 0                         | 0            | 11 330                         | 0                        | 0                     | 0                             |
| 51-(2)                     | Rent  | 0                     | 0                         | 0            | 933 042                        | 0                        | 0                     | 0                             |
| 51-(3)                     | Transfer Payment                                      | 0                     | 0                         | 0            | 176 120                        | 0                        | 0                     | 0                             |
| 51-(4)                     | Funds   | 0                     | 0                         | 0            | 9 911                          | 0                        | 0                     | 0                             |
| 51-(5)                     | Profits   | 0                     | 0                         | 0            | 1 698 051                      | 0                        | 0                     | 0                             |
| 52                         | Depreciation  | 0                     | 0                         | 0            | 1 240 331                      | 0                        | 0                     | 0                             |
| 53                         | Indirect Taxes  | 0                     | 12 185                    | 260 221      | 709 220                        | 0                        | 0                     | 0                             |
| 53-(1)                     | Net Commodity Taxes                                   | 0                     | 0                         | 0            | 138 144                        | 0                        | 0                     | 0                             |
| 53-(2)                     | Net Import Duties                                     | 0                     | 220                       | 87 027       | 126 147                        | 0                        | 0                     | 0                             |
| 53-(3)                     | Value Added Taxes                                     | 0                     | 11 965                    | 173 194      | 213 086                        | 0                        | 0                     | 0                             |
| 53-(4)                     | Other Taxes   | 0                     | 0                         | 0            | 231 843                        | 0                        | 0                     | 0                             |
| 50-53                      | Primary Inputs  | 0                     | 12 185                    | 260 221      | 10 754 235                     | 0                        | 0                     | 0                             |
| 54                         | Adjustment Item                                       | 0                     | 0                         | 0            | - 48 578                       | 0                        | 0                     | 0                             |
| 01-54                      | Total Inputs  | 5 949 236             | 658 923                   | 16 952 279   | 41 736 949                     | 0                        | 0                     | 0                             |

## 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* 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. Planted Area -- Crops can be divided into two broad categories, i.e., short-term crops whose growing period is shorter than one year and long-term crops whose growing period is one year or longer. For short-term crops which are further classified by timing of cropping (or term) into winter crops, first crops, and second crops, the investigation of planted area is done once for each term of cropping, and the planted areas for the three terms of cropping in a year are added up to the total planted areas in the year. For long-term crops, the investigation of planted area is done twice a year, and only the area recorded in the second investigation is treated as the planted area.

Fisheries -- This line of business can be divided into five categories, i.e., deep-sea fishery, offshore fishery, coastal fishery, marine culture, and inland water fishing. 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 fish in the waters along the coast or inland. The inland water fishing refers to fishing or harvesting of marine plants on inland waters.

For additional information, please refer to *Agricultural Statistics Yearbook* and *Food Supply and Utilization Yearbook* both published by the Council of Agriculture, Executive Yuan.

Table 106. Indexes of

2006=100

| Year | General index | Agricultural products |                 |       |              |               |        |            |           |         |
|------|---------------|-----------------------|-----------------|-------|--------------|---------------|--------|------------|-----------|---------|
|      |               | Group index           | Common crops    |       |              | Special crops | Fruits | Vegetables | Mushrooms | Flowers |
|      |               |                       | Sub-group index | Rice  | Coarse Grain |               |        |            |           |         |
| 1978 | 77.6          | 118.1                 | 200.9           | 198.6 | 253.1        | 145.9         | 48.4   | 117.1      | 1 662.5   | -       |
| 1979 | 83.7          | 122.6                 | 197.8           | 199.1 | 222.0        | 156.1         | 60.5   | 125.9      | 1 439.4   | -       |
| 1980 | 84.6          | 119.9                 | 189.8           | 191.5 | 209.9        | 147.1         | 62.6   | 132.8      | 1 059.9   | -       |
| 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 | 97.4          | 93.5                  | 86.0            | 87.4  | 80.9         | 92.8          | 99.8   | 90.6       | 90.3      | 98.3    |

## agricultural, 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 |
| 756.7             | 2 644.4    | 148.0   | 42.2               | 51.4  | 30.3            | 75.8             | 42.2              | 306.7              | 64.8              | 60.1                  |
| 713.5             | 2 395.6    | 170.0   | 47.8               | 61.6  | 31.6            | 83.5             | 47.3              | 311.4              | 66.9              | 69.9                  |
| 642.1             | 2 198.3    | 139.8   | 50.6               | 65.0  | 33.6            | 84.8             | 49.4              | 318.9              | 66.5              | 68.8                  |
| 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            | 105.0            | 110.2             | 87.0               | 97.1              | 105.1                 |

Table 107. Quantity of major

| Item                 | 1998      | 1999      | 2000      | 2001      |
|----------------------|-----------|-----------|-----------|-----------|
| Crop production      |           |           |           |           |
| Paddy rice           | 1 859 157 | 1 916 305 | 1 906 057 | 1 723 895 |
| Coarse grain         |           |           |           |           |
| Feed corn            | 120 152   | 88 994    | 72 672    | 59 223    |
| Food corn            | 123 460   | 112 201   | 105 643   | 106 772   |
| Sweet potato         | 187 238   | 218 584   | 197 837   | 188 716   |
| Peanut               | 68 325    | 67 157    | 79 127    | 56 087    |
| Sorghum              | 43 771    | 33 579    | 26 456    | 21 652    |
| Adzuki bean          | 9 266     | 8 241     | 6 946     | 4 235     |
| Soybean              | 1 463     | 352       | 295       | 328       |
| Special crops        |           |           |           |           |
| Sugar-cane (refined) | 3 559 755 | 3 255 783 | 2 893 762 | 2 180 288 |
| Sugar-cane (fresh)   | 206 268   | 149 705   | 124 965   | 122 701   |
| Tea                  | 22 641    | 21 119    | 20 349    | 19 837    |
| Tobacco              | 9 972     | 9 295     | 11 510    | 9 215     |
| Sesame               | 418       | 458       | 629       | 615       |
| Vegetables           |           |           |           |           |
| Radishes             | 129 707   | 175 114   | 138 118   | 121 031   |
| Scallion             | 102 750   | 118 260   | 118 706   | 119 805   |
| Garlic bulb          | 32 259    | 52 275    | 62 428    | 54 103    |
| Water bamboo         | 42 648    | 38 431    | 34 755    | 48 304    |
| Bamboo shoot         | 341 329   | 358 700   | 336 826   | 322 959   |
| Cabbage              | 250 683   | 378 849   | 346 868   | 349 719   |
| Watermelon           | 310 643   | 382 288   | 354 856   | 330 082   |
| Cantaloupe           | 93 502    | 103 536   | 90 074    | 87 068    |
| Mildew               |           |           |           |           |
| Mushroom             | 6 035     | 4 805     | 4 315     | 4 933     |
| Shiitake             | 3 617     | 3 166     | 3 881     | 4 866     |
| Fruits               |           |           |           |           |
| Banana               | 215 639   | 212 531   | 198 455   | 204 724   |
| Pineapple            | 316 057   | 348 450   | 357 535   | 388 691   |
| Ponkan               | 137 091   | 121 946   | 114 707   | 111 919   |
| Wentan pomelo        | 75 871    | 89 617    | 59 576    | 67 551    |
| Liucheng             | 111 447   | 121 398   | 126 631   | 135 639   |
| Longan               | 53 385    | 128 996   | 82 652    | 110 202   |
| Mango                | 186 522   | 206 919   | 210 692   | 212 875   |



**agricultural production**

Metric tons

| 2002      | 2003      | 2004      | 2005      | 2006      | 2007      |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 803 187 | 1 648 275 | 1 433 611 | 1 467 138 | 1 558 048 | 1 363 458 |
| 60 230    | 53 134    | 45 631    | 41 820    | 37 358    | 33 885    |
| 128 685   | 114 775   | 98 666    | 91 653    | 91 075    | 84 985    |
| 191 448   | 199 800   | 175 421   | 213 991   | 235 203   | 200 087   |
| 77 455    | 73 462    | 68 302    | 53 948    | 71 561    | 51 885    |
| 17 918    | 17 542    | 12 826    | 8 325     | 4 732     | 4 895     |
| 7 270     | 7 389     | 6 458     | 4 850     | 7 831     | 6 056     |
| 368       | 341       | 280       | 213       | 187       | 147       |
| 1 973 051 | 1 695 679 | 1 129 385 | 875 458   | 651 041   | 720 874   |
| 122 680   | 108 623   | 65 661    | 64 754    | 63 216    | 60 043    |
| 20 345    | 20 675    | 20 192    | 18 803    | 19 345    | 17 502    |
| 7 578     | 5 243     | 5 490     | 2 743     | 2 193     | 1 672     |
| 531       | 594       | 458       | 451       | 571       | 313       |
| 141 282   | 120 704   | 125 879   | 132 390   | 116 416   | 110 856   |
| 137 384   | 132 672   | 125 707   | 91 696    | 102 577   | 97 920    |
| 49 071    | 46 765    | 58 054    | 55 622    | 43 843    | 43 840    |
| 36 097    | 42 130    | 42 136    | 45 801    | 46 265    | 44 291    |
| 340 570   | 345 107   | 310 300   | 232 856   | 313 356   | 291 709   |
| 359 053   | 299 409   | 319 671   | 316 115   | 355 072   | 318 717   |
| 434 289   | 335 919   | 314 945   | 212 488   | 236 322   | 220 773   |
| 103 702   | 85 485    | 78 797    | 60 307    | 73 727    | 50 702    |
| 5 217     | 4 883     | 5 643     | 5 117     | 4 663     | 4 304     |
| 4 545     | 4 537     | 4 823     | 4 526     | 4 643     | 4 184     |
| 226 521   | 223 061   | 189 900   | 148 715   | 214 277   | 241 729   |
| 416 280   | 447 807   | 458 499   | 439 872   | 491 588   | 476 811   |
| 105 715   | 105 370   | 107 143   | 93 207    | 110 645   | 89 727    |
| 74 480    | 88 575    | 87 362    | 69 830    | 73 571    | 63 711    |
| 142 681   | 204 575   | 211 409   | 193 847   | 228 225   | 192 910   |
| 110 925   | 134 583   | 102 337   | 102 790   | 102 693   | 108 612   |
| 213 366   | 220 513   | 182 196   | 149 996   | 191 332   | 215 292   |

Table 107. Quantity of major

| Item                     | 1998      | 1999      | 2000      | 2001      |
|--------------------------|-----------|-----------|-----------|-----------|
| Betel nut                | 172 574   | 170 039   | 166 975   | 165 076   |
| Guava                    | 173 637   | 173 907   | 158 269   | 185 491   |
| Plum                     | 36 503    | 39 857    | 41 952    | 34 852    |
| Papaya                   | 116 728   | 158 943   | 138 601   | 142 207   |
| Wax apple                | 106 733   | 104 010   | 67 893    | 94 034    |
| Grape                    | 73 427    | 106 598   | 91 516    | 85 017    |
| Japanese apricot         | 50 549    | 55 376    | 63 317    | 55 956    |
| Lichee                   | 49 241    | 108 668   | 89 403    | 79 156    |
| Pear                     | 114 920   | 117 510   | 113 568   | 100 565   |
| Sugar apple              | 50 255    | 56 448    | 36 520    | 42 680    |
| Forestry                 |           |           |           |           |
| Timber (M <sup>3</sup> ) | 40 085    | 31 713    | 26 790    | 34 080    |
| Saw-timber               | 29 154    | 23 332    | 21 134    | 26 401    |
| Firewood                 | 5 043     | 4 299     | 4 760     | 5 953     |
| Tree top wood            | 5 888     | 4 082     | 896       | 1 727     |
| Bamboo (1 000 pieces)    | 1 426     | 1 717     | 1 550     | 594       |
| Fishery                  |           |           |           |           |
| Deep-sea fishery         | 839 190   | 854 667   | 886 859   | 795 622   |
| Inshore fishery          | 209 721   | 205 640   | 169 520   | 158 969   |
| Coastal fishery          | 43 609    | 39 911    | 44 016    | 48 923    |
| Mariculture              | 26 033    | 24 035    | 28 282    | 26 763    |
| Inland water fishing     | 467       | 580       | 557       | 609       |
| Inland water culture     | 229 132   | 239 034   | 228 117   | 286 018   |
| Livestock                |           |           |           |           |
| Cattle (Carcass weight)  | 5 288     | 5 168     | 4 901     | 5 057     |
| Hogs (Carcass weight)    | 891 776   | 822 344   | 920 603   | 961 948   |
| Goats (Carcass weight)   | 3 903     | 3 923     | 3 614     | 3 176     |
| Honey                    | 3 691     | 6 283     | 5 839     | 2 759     |
| Chicken (Carcass weight) | 631 640   | 625 784   | 631 142   | 606 019   |
| Duck (Carcass weight)    | 62 532    | 66 643    | 64 504    | 60 728    |
| Geese (Carcass weight)   | 31 621    | 29 669    | 25 850    | 25 161    |
| Cow milk                 | 338 369   | 338 005   | 358 049   | 345 970   |
| Hen egg (1 000 pieces)   | 7 157 707 | 7 274 451 | 7 270 033 | 7 325 125 |
| Duck egg (1 000 pieces)  | 520 188   | 485 629   | 478 452   | 481 789   |

## agricultural production(continued)

|           |           |           |           |           |           | Metric tons |
|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| 2002      | 2003      | 2004      | 2005      | 2006      | 2007      |             |
| 162 253   | 159 584   | 143 368   | 138 095   | 141 563   | 134 497   |             |
| 203 581   | 198 408   | 184 738   | 137 166   | 170 169   | 131 703   |             |
| 34 419    | 34 724    | 35 321    | 29 202    | 26 297    | 25 830    |             |
| 144 572   | 144 559   | 133 620   | 88 475    | 129 283   | 92 914    |             |
| 95 134    | 92 658    | 68 687    | 84 991    | 69 234    | 82 223    |             |
| 84 972    | 92 122    | 97 884    | 71 105    | 102 291   | 90 081    |             |
| 45 218    | 53 874    | 57 009    | 45 937    | 48 001    | 37 834    |             |
| 81 004    | 104 186   | 82 107    | 70 537    | 84 652    | 99 721    |             |
| 122 957   | 122 138   | 124 873   | 113 183   | 126 628   | 150 429   |             |
| 55 340    | 48 339    | 89 189    | 75 554    | 85 005    | 78 830    |             |
| 35 328    | 41 147    | 40 041    | 44 116    | 36 233    | 35 161    |             |
| 31 074    | 26 098    | 30 372    | 31 389    | 26 979    | 26 441    |             |
| 3 957     | 14 995    | 9 642     | 12 675    | 9 224     | 7 186     |             |
| 297       | 55        | 27        | 53        | 31        | 1 533     |             |
| 868       | 665       | 574       | 673       | 544       | 825       |             |
| 823 534   | 877 663   | 677 703   | 752 118   | 757 896   | 984 510   |             |
| 185 030   | 192 681   | 196 820   | 200 730   | 154 015   | 134 619   |             |
| 49 251    | 63 430    | 56 070    | 52 779    | 54 226    | 54 110    |             |
| 28 729    | 34 386    | 28 094    | 34 746    | 34 411    | 34 888    |             |
| 608       | 475       | 255       | 207       | 155       | 241       |             |
| 317 939   | 330 348   | 299 066   | 272 270   | 281 575   | 289 829   |             |
| 5 303     | 5 523     | 5 120     | 6 048     | 5 626     | 5 480     |             |
| 935 354   | 892 835   | 898 208   | 911 449   | 930 609   | 913 824   |             |
| 2 987     | 2 900     | 2 781     | 3 234     | 3 896     | 3 548     |             |
| 3 230     | 5 935     | 4 987     | 6 327     | 4 978     | 3 220     |             |
| 609 344   | 596 584   | 600 905   | 555 340   | 565 778   | 549 450   |             |
| 58 561    | 58 607    | 61 218    | 71 483    | 74 808    | 77 656    |             |
| 24 558    | 25 447    | 25 998    | 23 508    | 24 742    | 21 628    |             |
| 357 804   | 354 421   | 322 660   | 303 496   | 323 165   | 322 220   |             |
| 7 069 644 | 7 018 647 | 6 998 992 | 6 452 885 | 6 620 415 | 6 659 584 |             |
| 472 326   | 477 041   | 417 126   | 487 549   | 466 232   | 507 328   |             |

Table 108. Value of major

| Item                  | 1998        | 1999        | 2000        | 2001        |
|-----------------------|-------------|-------------|-------------|-------------|
| Total farm production | 375 286 941 | 391 481 223 | 363 791 073 | 352 689 979 |
| Crop production       | 163 618 674 | 170 523 785 | 165 214 487 | 160 758 570 |
| Paddy rice            | 35 033 759  | 36 779 170  | 34 669 549  | 32 828 360  |
| Coarse grain          | 9 565 115   | 8 979 943   | 9 050 449   | 7 369 671   |
| Feed corn             | 1 802 280   | 1 334 910   | 1 090 080   | 888 344     |
| Food corn             | 1 913 630   | 1 761 556   | 1 679 724   | 1 697 678   |
| Sweet potato          | 1 685 142   | 1 967 256   | 1 899 235   | 1 792 806   |
| Peanuts               | 3 006 300   | 2 988 487   | 3 600 279   | 2 366 889   |
| Sorghum               | 612 794     | 470 106     | 370 384     | 303 123     |
| Adzuki bean           | 440 135     | 393 920     | 334 103     | 245 606     |
| Soybeans              | 36 575      | 8 800       | 7 375       | 8 200       |
| Special crop          | 14 300 569  | 12 934 970  | 13 105 367  | 10 814 536  |
| Sugar-cane (refined)  | 4 533 960   | 4 007 869   | 4 147 792   | 2 579 280   |
| Sugar-cane (fresh)    | 2 103 934   | 1 526 991   | 1 349 622   | 1 349 716   |
| Tea                   | 4 086 701   | 3 811 980   | 3 675 029   | 3 570 596   |
| Tobacco               | 1 906 569   | 1 778 276   | 2 215 482   | 1 770 788   |
| Vegetables            | 35 594 947  | 39 953 261  | 38 568 050  | 36 762 852  |
| Radishes              | 1 245 187   | 1 541 003   | 1 298 309   | 1 186 108   |
| Scallion              | 1 335 750   | 1 513 728   | 1 519 437   | 1 557 459   |
| Garlic bulb           | 1 741 986   | 2 195 550   | 2 309 836   | 1 839 499   |
| Water-bamboo          | 1 151 496   | 1 037 637   | 955 763     | 1 294 546   |
| Bamboo shoot          | 3 583 955   | 3 658 740   | 3 570 356   | 3 520 248   |
| Cabbage               | 1 930 259   | 2 500 403   | 2 428 076   | 2 378 087   |
| Watermelon            | 4 007 295   | 4 702 142   | 4 506 671   | 4 291 062   |
| Cantaloupe            | 2 150 546   | 2 339 914   | 2 125 746   | 2 080 926   |
| Mildew                | 2 535 138   | 2 139 718   | 2 513 257   | 3 128 311   |
| Mushroom              | 202 173     | 160 968     | 145 847     | 160 334     |
| Forest mushroom       | 2 332 965   | 1 978 750   | 2 367 410   | 2 967 977   |
| Fruits                | 57 276 221  | 60 390 172  | 57 787 587  | 58 109 261  |
| Banana                | 2 587 668   | 2 550 372   | 2 480 688   | 2 456 687   |
| Pineapple             | 4 266 770   | 4 599 540   | 4 755 216   | 5 052 978   |
| Ponkan                | 2 536 184   | 2 256 001   | 2 179 433   | 2 182 427   |
| Liucheng              | 1 359 653   | 1 493 195   | 1 620 877   | 1 695 489   |
| Wentan pomelo         | 1 517 420   | 1 756 943   | 1 394 078   | 1 513 146   |
| Longan                | 1 494 780   | 2 386 426   | 1 983 648   | 2 259 139   |
| Mango                 | 4 327 310   | 4 490 142   | 4 635 224   | 4 640 673   |

**agricultural production**

Thousands of N.T. Dollars

| 2002        | 2003        | 2004        | 2005        | 2006        | 2007        |
|-------------|-------------|-------------|-------------|-------------|-------------|
| 350 477 906 | 357 884 755 | 386 444 326 | 382 726 113 | 376 993 825 | 388 294 769 |
| 151 853 269 | 147 274 670 | 162 300 578 | 162 630 935 | 172 691 533 | 168 368 459 |
| 32 018 299  | 28 341 530  | 27 510 620  | 28 139 682  | 29 379 921  | 26 091 341  |
| 8 081 184   | 7 530 270   | 7 778 155   | 7 458 138   | 7 998 832   | 6 274 954   |
| 875 677     | 772 511     | 684 460     | 627 307     | 560 363     | 508 274     |
| 1 415 538   | 1 216 619   | 1 134 660   | 1 201 570   | 1 133 884   | 1 110 750   |
| 1 749 834   | 1 618 381   | 2 368 183   | 2 599 989   | 2 441 407   | 2 000 871   |
| 3 330 545   | 3 276 397   | 2 971 116   | 2 478 388   | 3 324 721   | 2 101 358   |
| 250 857     | 245 589     | 179 570     | 116 553     | 66 252      | 68 525      |
| 392 570     | 329 547     | 374 576     | 371 663     | 411 847     | 426 942     |
| 9 210       | 8 527       | 7 011       | 5 328       | 4 672       | 3 687       |
| 8 813 297   | 7 570 335   | 7 116 479   | 7 420 437   | 8 117 544   | 7 879 550   |
| 1 644 143   | 1 205 967   | 923 837     | 655 805     | 576 237     | 554 713     |
| 1 042 779   | 766 880     | 543 014     | 674 735     | 677 675     | 531 977     |
| 3 051 794   | 2 997 869   | 3 028 748   | 3 760 540   | 4 352 679   | 4 499 869   |
| 1 471 071   | 871 664     | 911 272     | 455 254     | 370 599     | 299 736     |
| 35 323 408  | 34 643 006  | 40 728 442  | 42 625 447  | 44 027 684  | 46 971 791  |
| 1 130 256   | 805 093     | 887 448     | 979 684     | 841 687     | 942 273     |
| 1 511 228   | 1 724 735   | 2 338 144   | 4 749 871   | 4 256 938   | 3 720 957   |
| 1 717 476   | 1 777 085   | 1 792 128   | 1 529 610   | 1 972 940   | 2 126 233   |
| 909 642     | 1 137 506   | 1 295 269   | 1 488 546   | 1 427 278   | 1 660 924   |
| 3 405 703   | 3 278 519   | 3 258 146   | 3 213 410   | 4 230 301   | 5 950 859   |
| 1 938 884   | 1 946 159   | 2 557 365   | 2 845 032   | 3 082 021   | 3 489 946   |
| 4 560 040   | 3 359 187   | 3 306 918   | 2 443 611   | 2 481 386   | 2 649 278   |
| 1 866 630   | 1 957 596   | 2 250 429   | 1 728 389   | 1 913 219   | 1 368 948   |
| 2 875 604   | 2 777 719   | 2 986 614   | 2 857 846   | 2 980 841   | 3 191 408   |
| 148 674     | 146 504     | 253 934     | 276 326     | 264 410     | 279 738     |
| 2 726 929   | 2 631 216   | 2 732 679   | 2 581 519   | 2 716 432   | 2 911 670   |
| 53 907 643  | 55 232 236  | 63 654 193  | 62 300 900  | 67 665 646  | 65 595 349  |
| 2 491 734   | 2 027 628   | 3 015 618   | 3 271 740   | 3 749 844   | 3 299 602   |
| 5 619 784   | 6 654 407   | 7 730 286   | 7 697 767   | 8 356 999   | 6 675 357   |
| 1 902 869   | 1 791 283   | 2 222 145   | 2 003 960   | 2 268 213   | 2 023 342   |
| 1 498 148   | 2 045 746   | 2 008 388   | 1 977 240   | 2 168 139   | 2 015 906   |
| 1 191 677   | 1 284 345   | 1 498 255   | 1 850 496   | 1 986 418   | 1 857 819   |
| 2 163 039   | 2 355 206   | 2 687 361   | 2 816 447   | 2 875 406   | 2 769 603   |
| 4 480 693   | 4 961 546   | 5 903 157   | 6 074 843   | 6 400 061   | 6 792 447   |

Table 108. Value of major

| Item                     | 1998        | 1999        | 2000        | 2001        |
|--------------------------|-------------|-------------|-------------|-------------|
| Betel nuts               | 14 151 068  | 13 943 198  | 13 775 438  | 13 206 057  |
| Guava                    | 2 430 918   | 2 260 791   | 2 184 112   | 2 318 641   |
| Plum                     | 755 612     | 817 069     | 910 358     | 784 162     |
| Papaya                   | 1 727 574   | 2 225 202   | 2 051 295   | 2 062 004   |
| Wax apple                | 2 529 572   | 2 485 839   | 1 683 746   | 2 238 010   |
| Grape                    | 1 997 214   | 2 856 826   | 2 534 993   | 2 380 484   |
| Japanese apricot         | 2 148 333   | 2 298 104   | 2 520 017   | 2 042 405   |
| Lichee                   | 1 477 230   | 1 716 954   | 1 466 209   | 1 424 801   |
| Pear                     | 3 769 376   | 3 854 328   | 3 656 890   | 3 318 648   |
| Sugar apple              | 1 588 058   | 1 761 178   | 1 322 024   | 1 536 496   |
| Forestry                 | 717 985     | 591 034     | 268 820     | 597 494     |
| Timber                   | 442 035     | 303 625     | 82 863      | 107 238     |
| Saw-timber               | 326 769     | 216 025     | 74 647      | 96 031      |
| Firewood                 | 7 262       | 6 190       | 6 854       | 8 573       |
| Tree top wood            | 108 004     | 81 410      | 1 362       | 2 635       |
| Bamboo                   | 10 127      | 12 017      | 11 626      | 4 455       |
| Fishery                  | 94 132 070  | 90 436 892  | 90 728 516  | 90 128 416  |
| Deep-sea fishery         | 49 204 534  | 48 914 010  | 47 179 642  | 46 659 957  |
| Inshore fishery          | 13 139 501  | 13 429 176  | 13 065 601  | 12 193 237  |
| Coastal fishery          | 4 382 122   | 4 284 732   | 4 544 135   | 4 315 518   |
| Mariculture              | 4 201 394   | 3 388 202   | 3 550 237   | 3 343 174   |
| Inland water fishing     | 24 009      | 28 558      | 26 200      | 30 202      |
| Inland water aquaculture | 23 180 510  | 20 392 213  | 22 362 701  | 23 586 328  |
| Livestock                | 116 818 212 | 129 929 512 | 107 579 249 | 101 205 499 |
| Cattle                   | 1 004 693   | 936 700     | 847 775     | 714 835     |
| Hogs                     | 48 858 488  | 61 401 648  | 52 033 624  | 46 255 141  |
| Goats, sheep             | 1 204 330   | 1 334 484   | 1 050 317   | 799 200     |
| Honey                    | 469 456     | 785 363     | 700 680     | 331 038     |
| Chicken                  | 35 213 427  | 35 333 705  | 26 655 579  | 27 271 501  |
| Duck                     | 3 473 023   | 3 888 785   | 2 814 437   | 2 928 077   |
| Geese                    | 2 740 498   | 1 921 234   | 1 755 355   | 1 668 041   |
| Cow milk                 | 7 214 018   | 7 223 505   | 7 621 431   | 7 389 567   |
| Hen egg                  | 12 926 815  | 12 708 466  | 10 396 147  | 10 233 200  |
| Duck egg                 | 1 342 085   | 1 354 905   | 1 143 500   | 1 190 019   |

**agricultural production (continued)**

Thousands of N.T. Dollars

| 2002        | 2003        | 2004        | 2005        | 2006        | 2007        |
|-------------|-------------|-------------|-------------|-------------|-------------|
| 12 168 968  | 12 926 283  | 11 512 433  | 10 080 945  | 9 838 625   | 8 599 766   |
| 1 995 089   | 1 785 668   | 2 032 113   | 2 098 646   | 2 416 396   | 2 225 783   |
| 653 961     | 590 314     | 661 555     | 598 640     | 512 783     | 542 430     |
| 1 518 009   | 1 156 470   | 1 536 628   | 1 486 386   | 2 094 379   | 1 951 197   |
| 1 950 244   | 2 038 477   | 2 094 944   | 2 702 705   | 2 270 869   | 2 664 019   |
| 2 396 205   | 2 505 728   | 2 956 107   | 2 538 435   | 3 833 885   | 3 738 353   |
| 1 130 448   | 1 077 480   | 1 225 701   | 813 996     | 904 343     | 818 730     |
| 1 417 568   | 1 719 070   | 2 221 825   | 2 274 826   | 2 581 886   | 2 941 758   |
| 3 442 795   | 3 236 646   | 4 058 360   | 3 904 824   | 4 033 099   | 4 700 904   |
| 1 687 870   | 1 426 013   | 2 809 450   | 2 531 049   | 2 720 159   | 2 916 713   |
| 862 545     | 579 935     | 523 844     | 614 203     | 518 773     | 492 622     |
| 146 377     | 99 768      | 123 024     | 175 359     | 227 971     | 104 457     |
| 140 223     | 78 091      | 108 046     | 155 110     | 213 967     | 90 830      |
| 5 698       | 21 593      | 14 937      | 20 168      | 13 957      | 11 262      |
| 456         | 84          | 41          | 81          | 47          | 2 364       |
| 6 510       | 4 984       | 4 363       | 5 247       | 4 241       | 6 514       |
| 92 562 606  | 97 437 860  | 98 700 494  | 92 811 267  | 85 658 209  | 94 743 630  |
| 45 745 524  | 47 201 835  | 46 983 079  | 43 602 060  | 41 419 202  | 47 818 387  |
| 12 385 929  | 12 628 769  | 13 397 416  | 12 634 600  | 9 679 224   | 8 612 292   |
| 4 551 036   | 5 935 759   | 6 747 529   | 5 295 572   | 5 931 433   | 5 478 128   |
| 3 611 131   | 4 343 792   | 3 326 110   | 3 980 526   | 4 063 897   | 4 587 107   |
| 29 929      | 29 545      | 14 960      | 13 538      | 7 709       | 14 838      |
| 26 239 057  | 27 298 160  | 28 231 400  | 27 284 971  | 24 556 743  | 28 232 877  |
| 105 199 486 | 112 592 290 | 124 919 410 | 126 669 708 | 118 125 310 | 124 690 058 |
| 918 814     | 1 329 068   | 1 413 148   | 1 688 140   | 1 574 074   | 1 597 305   |
| 49 227 946  | 57 487 739  | 64 366 131  | 58 811 138  | 55 476 552  | 57 003 312  |
| 919 004     | 995 632     | 1 211 393   | 1 239 851   | 1 162 570   | 836 828     |
| 484 566     | 741 863     | 623 378     | 822 464     | 647 088     | 418 661     |
| 27 678 882  | 25 033 246  | 29 771 472  | 34 014 012  | 30 508 520  | 32 825 003  |
| 3 219 518   | 2 897 276   | 3 520 105   | 5 090 467   | 4 691 446   | 5 082 438   |
| 1 784 572   | 1 877 289   | 2 367 641   | 2 037 340   | 1 870 766   | 1 903 568   |
| 7 581 869   | 7 534 983   | 6 446 753   | 6 030 475   | 6 637 805   | 7 024 399   |
| 9 713 691   | 11 180 705  | 11 618 327  | 13 099 355  | 12 174 944  | 14 184 915  |
| 1 232 771   | 1 258 196   | 1 259 721   | 1 452 895   | 1 193 555   | 1 567 644   |

**Table 109. Production and consumption**

| Item                     | 1998      | 1999      | 2000      | 2001      |
|--------------------------|-----------|-----------|-----------|-----------|
| Production, total        | 1 678 511 | 1 409 302 | 1 358 166 | 1 381 364 |
| Calcium superphosphate   | 247 834   | 192 018   | 261 400   | 258 121   |
| Ammonium sulphate        | 473 915   | 363 705   | 448 441   | 447 712   |
| Urea                     | 194 530   | 109 690   | -         | -         |
| Potassium chloride       | -         | -         | -         | -         |
| Calcium ammonium nitrate | 12 052    | 16 265    | 14 848    | 14 261    |
| Combined fertilizers     | 651 350   | 640 107   | 545 271   | 575 904   |
| Others                   | 98 830    | 87 517    | 88 206    | 85 366    |
| Consumption, total       | 1 195 734 | 1 213 310 | 1 257 699 | 1 294 910 |
| Calcium superphosphate   | 131 999   | 122 598   | 137 792   | 164 316   |
| Ammonium sulphate        | 257 658   | 299 556   | 334 657   | 341 877   |
| Urea                     | 173 169   | 161 544   | 178 367   | 128 509   |
| Potassium chloride       | 66 340    | 62 507    | 61 621    | 58 300    |
| Calcium ammonium nitrate | 10 514    | 15 577    | 17 197    | 17 300    |
| Combined fertilizers     | 540 741   | 543 246   | 518 813   | 570 688   |
| Others                   | 15 313    | 8 282     | 9 252     | 13 920    |

**Table 110. Farm**

| Item                        | 1998    | 1999    | 2000    | 2001    |
|-----------------------------|---------|---------|---------|---------|
| Power tiller                | 58 314  | 58 675  | 55 901  | 53 988  |
| Tractor                     | 13 311  | 14 290  | 14 592  | 14 288  |
| Power rice trans-planter    | 26 163  | 27 238  | 27 269  | 25 019  |
| Power cultivated for paddy  | 31 101  | 29 513  | 33 317  | 39 040  |
| Power grass cutter          | 43 443  | 48 804  | 48 295  | 46 945  |
| Power sprayers              | 69 681  | 79 565  | 78 482  | 79 788  |
| High quality power sprayers | 24 694  | 24 878  | 26 745  | 26 874  |
| Water pump                  | 104 359 | 108 265 | 103 920 | 102 317 |
| Rice combiner               | 14 076  | 11 728  | 11 138  | 10 121  |
| Corn thresher               | 1 967   | 1 761   | 1 721   | 1 292   |
| Power tiller mounted seeder | 2 172   | 1 997   | 2 161   | 2 300   |
| Tractor mounted seeder      | 506     | 843     | 716     | 775     |
| Power agronomic transporter | 43 041  | 49 498  | 47 473  | 42 531  |
| Power tea harvester         | 5 251   | 5 486   | 5 255   | 6 314   |
| Tobacco drier               | 5 665   | 5 667   | 5 154   | 3 008   |
| Rice drier                  | 38 332  | 38 064  | 36 563  | 33 673  |
| Corn drier                  | 1 456   | 1 395   | 1 264   | 937     |



**of chemical fertilizers**

| Metric tons |           |           |           |           |           |
|-------------|-----------|-----------|-----------|-----------|-----------|
| 2002        | 2003      | 2004      | 2005      | 2006      | 2007      |
| 1 260 753   | 1 209 519 | 1 382 480 | 1 405 632 | 1 443 570 | 1 416 520 |
| 201 319     | 184 361   | 165 036   | 169 934   | 200 885   | 186 290   |
| 435 115     | 316 194   | 527 278   | 531 237   | 493 177   | 496 472   |
| -           | -         | -         | -         | -         | -         |
| -           | -         | -         | -         | -         | -         |
| 13 000      | 2 000     | -         | -         | -         | -         |
| 527 253     | 604 547   | 610 114   | 625 743   | 648 804   | 629 109   |
| 84 066      | 102 417   | 80 052    | 78 718    | 100 704   | 104 649   |
| 1 248 294   | 1 143 355 | 1 195 465 | 1 141 483 | 1 159 310 | 1 137 444 |
| 143 076     | 135 470   | 117 192   | 105 458   | 120 807   | 113 453   |
| 323 116     | 186 731   | 232 652   | 240 192   | 218 215   | 226 243   |
| 127 158     | 112 438   | 113 914   | 84 968    | 81 093    | 78 358    |
| 50 775      | 38 702    | 43 180    | 29 833    | 31 842    | 30 969    |
| 17 684      | 6 630     | 6 836     | 6 360     | 8 606     | 6 691     |
| 565 892     | 624 439   | 646 088   | 636 019   | 677 338   | 659 178   |
| 20 593      | 38 945    | 35 603    | 38 653    | 21 409    | 22 552    |

**machine**

| Number |         |        |         |        |        |
|--------|---------|--------|---------|--------|--------|
| 2002   | 2003    | 2004   | 2005    | 2006   | 2007   |
| 50 495 | 49 864  | 46 547 | 44 321  | 42 770 | 40 997 |
| 14 357 | 14 857  | 14 738 | 15 043  | 15 778 | 15 624 |
| 23 361 | 23 497  | 21 724 | 19 488  | 19 174 | 17 683 |
| 34 493 | 35 056  | 42 839 | 33 879  | 33 853 | 33 250 |
| 50 919 | 50 434  | 49 373 | 48 570  | 48 864 | 47 353 |
| 84 140 | 85 725  | 79 329 | 82 622  | 78 674 | 76 043 |
| 26 364 | 26 713  | 29 422 | 25 260  | 25 671 | 26 419 |
| 98 167 | 105 533 | 94 084 | 102 167 | 90 531 | 90 635 |
| 9 768  | 9 526   | 8 974  | 8 401   | 9 422  | 8 030  |
| 1 242  | 1 052   | 1 057  | 980     | 1 534  | 1 032  |
| 2 008  | 1 919   | 1 787  | 1 897   | 1 978  | 1 784  |
| 700    | 737     | 717    | 748     | 813    | 890    |
| 41 880 | 40 987  | 40 607 | 38 621  | 38 537 | 39 037 |
| 4 807  | 5 839   | 5 859  | 6 105   | 5 733  | 4 332  |
| 3 119  | 3 532   | 2 989  | 2 296   | 3 344  | 2 743  |
| 31 942 | 31 077  | 28 177 | 25 729  | 26 127 | 26 211 |
| 840    | 834     | 1 122  | 1 138   | 878    | 948    |

Table 111. Agricultural household,

| Item  | 1998      | 1999      | 2000      | 2001      |
|---|-----------|-----------|-----------|-----------|
| Number of farm households                           |           |           |           |           |
| By degree of engagement                             | 782 136   | 787 407   | 721 161   | 745 812   |
| Full-time   | 121 088   | 122 788   | 129 449   | 148 245   |
| Part-time   | 661 048   | 664 619   | 591 712   | 597 567   |
| Full-owner farmers                                  | 668 398   | 674 893   | 601 922   | 611 382   |
| Part-owner farmers                                  | 71 177    | 70 147    | 72 885    | 89 974    |
| Tenants   | 37 111    | 37 526    | 42 166    | 39 674    |
| Non-tilling farmers                                 | 5 450     | 4 841     | 4 188     | 4 782     |
| Farm household population                           | 3 727 761 | 3 747 157 | 3 669 166 | 3 782 682 |
| Number of fishery households                        | 129 969   | 135 508   | 134 561   | 128 372   |
| Deep-sea  | 5 742     | 6 043     | 7 689     | 7 291     |
| Inshore   | 35 053    | 34 356    | 31 095    | 27 971    |
| Coastal   | 44 244    | 49 920    | 52 456    | 53 831    |
| Mariculture   | 6 451     | 7 513     | 5 778     | 5 439     |
| Inland water fishing                                | 2 017     | 2 291     | 1 469     | 614       |
| Inland water culture                                | 36 462    | 35 385    | 36 074    | 33 226    |
| Fishery household population                        | 509 386   | 463 151   | 451 852   | 448 420   |
| Deep-sea  | 20 938    | 21 411    | 23 802    | 21 967    |
| Inshore   | 135 261   | 114 419   | 103 176   | 96 125    |
| Coastal   | 169 013   | 170 425   | 174 946   | 184 262   |
| Mariculture   | 28 306    | 28 049    | 23 852    | 22 875    |
| Inland water fishing                                | 7 356     | 10 256    | 4 168     | 2 487     |
| Inland water culture                                | 148 512   | 118 591   | 121 908   | 120 704   |
| Agricultural employed population<br>(1 000 persons) | 822       | 776       | 740       | 706       |
| Farming and hunting                                 | 745       | 705       | 669       | 648       |
| Forestry  | 5         | 5         | 6         | 5         |
| Fishery   | 72        | 66        | 65        | 52        |

population and employment

Numbers

| 2002      | 2003      | 2004      | 2005        | 2006      | 2007    |
|-----------|-----------|-----------|-------------|-----------|---------|
| 748 317   | 755 454   | 759 716   | Ⓘ 767 316   | 756 366   | ...     |
| 164 414   | 207 739   | 186 869   | Ⓘ 166 056   | 166 439   | ...     |
| 583 903   | 547 715   | 572 847   | Ⓘ 601 260   | 589 927   | ...     |
| 613 269   | 642 648   | 643 731   | Ⓘ 671 740   | 655 830   | ...     |
| 88 812    | 75 580    | 80 992    | 52 517      | 60 211    | ...     |
| 41 533    | 32 168    | 30 037    | 39 074      | 36 412    | ...     |
| 4 703     | 5 057     | 4 956     | Ⓘ 3 985     | 3 913     | ...     |
| 3 782 489 | 3 528 331 | 3 392 676 | Ⓘ 3 400 036 | 3 232 592 | ...     |
| 134 062   | 132 238   | 132 832   | 131 020     | 125 328   | 123 578 |
| 7 166     | 5 477     | 5 568     | 5 767       | 5 898     | 5 896   |
| 34 122    | 31 456    | 31 075    | 31 569      | 28 119    | 27 313  |
| 53 366    | 51 202    | 52 376    | 52 892      | 51 996    | 50 009  |
| 5 428     | 4 206     | 6 334     | 6 790       | 5 812     | 5 092   |
| 2 538     | 4 216     | 4 038     | 2 287       | 2 461     | 3 664   |
| 31 442    | 35 681    | 33 441    | 31 715      | 31 042    | 31 604  |
| 466 569   | 494 860   | 457 040   | 445 693     | 421 253   | 412 249 |
| 21 464    | 20 884    | 19 527    | 20 972      | 21 369    | 21 356  |
| 114 876   | 109 646   | 105 562   | 102 077     | 89 796    | 83 429  |
| 182 643   | 205 729   | 184 037   | 176 713     | 176 029   | 175 379 |
| 23 458    | 22 095    | 23 590    | 25 711      | 22 834    | 22 281  |
| 4 498     | 7 190     | 6 722     | 7 201       | 6 842     | 6 809   |
| 119 630   | 129 316   | 117 602   | 113 019     | 104 383   | 102 995 |
| 709       | 696       | 642       | 591         | 555       | 543     |
| 646       | 629       | 588       | 535         | 500       | 497     |
| 5         | 5         | 4         | 5           | 5         | 5       |
| 59        | 62        | 50        | 51          | 50        | 41      |

Table 112. Available

| Item  | 1995    | 1996    | 1997    | 1998    | 1999    |
|---|---------|---------|---------|---------|---------|
| <b>Domestic production</b>                    |         |         |         |         |         |
| Cereals                                       | 2 109.5 | 1 979.2 | 1 999.8 | 1 716.4 | 1 738.3 |
| Starchy roots                                 | 230.5   | 243.3   | 261.2   | 227.1   | 255.4   |
| Sugars & honey                                | 440.1   | 422.9   | 374.7   | 334.9   | 298.9   |
| Pulses & oilseeds                             | 112.5   | 103.1   | 101.5   | 80.4    | 77.0    |
| Vegetables                                    | 2 397.2 | 2 563.8 | 2 543.5 | 2 420.2 | 2 942.2 |
| Fruits  | 2 982.9 | 2 983.2 | 3 151.3 | 2 864.2 | 3 182.3 |
| Meat  | 1 928.5 | 2 004.3 | 1 823.8 | 1 667.3 | 1 593.9 |
| Eggs  | 350.1   | 383.1   | 427.9   | 430.2   | 434.5   |
| Fish & see food                               | 1 316.4 | 1 256.8 | 1 331.2 | 1 364.1 | 1 379.8 |
| Milk  | 345.1   | 346.9   | 363.4   | 371.3   | 370.1   |
| Oils & fats                                   | 450.9   | 450.5   | 433.1   | 356.2   | 347.3   |
| Wine & beer (1 000 H.L.)                      | 6 435.5 | 6 144.7 | 6 071.8 | 6 426.8 | 6 488.5 |
| <b>Domestic supply</b>                        |         |         |         |         |         |
| Cereals                                       | 9 776.1 | 9 777.8 | 8 896.4 | 8 072.4 | 7 932.3 |
| Starchy roots                                 | 1 310.3 | 1 482.5 | 1 783.2 | 1 652.6 | 1 727.7 |
| Sugars & honey                                | ...     | ...     | ...     | ...     | ...     |
| Pulses & oilseeds                             | 2 914.5 | 2 915.0 | 2 887.8 | 2 373.2 | 2 349.7 |
| Vegetables                                    | 2 406.5 | 2 595.6 | 2 615.8 | 2 545.9 | 3 043.4 |
| Fruits  | 3 319.7 | 3 354.1 | 3 598.6 | 3 282.1 | 3 626.8 |
| Meat  | 1 717.5 | 1 791.2 | 1 818.5 | 1 841.4 | 1 833.2 |
| Eggs  | 351.2   | 383.4   | 427.7   | 430.0   | 434.7   |
| Fish & see food                               | 959.5   | 958.7   | 1 061.9 | 977.6   | 1 077.4 |
| Milk  | 492.1   | 496.0   | 509.3   | 509.1   | 508.2   |
| Oils & fats                                   | 678.5   | 691.7   | 704.5   | 626.7   | 714.0   |
| Wine & beer (1 000 H.L.)                      | 8 320.6 | 7 715.7 | 8 013.8 | 8 223.3 | 7 694.6 |
| <b>Per capita daily nutrient availability</b> |         |         |         |         |         |
| Energy (Kcal.)                                | 3 058.2 | 3 053.7 | 3 135.0 | 2 973.5 | 3 048.3 |
| Protein (Gm.)                                 | 98.5    | 98.6    | 101.8   | 95.9    | 98.0    |
| Fat (Gm.)                                     | 126.2   | 126.7   | 131.0   | 121.0   | 127.1   |

**food supplies**

1 000 metric tons

| 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    |
|---------|---------|---------|---------|---------|---------|---------|
| 1 693.3 | 1 531.9 | 1 604.6 | 1 467.9 | 1 273.6 | 1 284.8 | 1 350.7 |
| 241.9   | 222.1   | 231.2   | 245.3   | 233.6   | 267.5   | 303.1   |
| 281.1   | 202.8   | 186.2   | 166.8   | 116.2   | 86.1    | 60.0    |
| 88.1    | 62.2    | 86.3    | 82.6    | 76.3    | 60.2    | 80.9    |
| 2 732.3 | 2 566.3 | 2 844.2 | 2 591.1 | 2 608.7 | 2 310.7 | 2 449.9 |
| 2 900.0 | 2 982.5 | 3 235.7 | 3 249.5 | 3 094.5 | 2 601.9 | 3 031.1 |
| 1 695.0 | 1 708.4 | 1 680.2 | 1 623.3 | 1 635.7 | 1 613.0 | 1 647.4 |
| 433.8   | 437.1   | 422.3   | 419.7   | 414.9   | 381.3   | 396.9   |
| 1 364.3 | 1 318.9 | 1 407.8 | 1 501.5 | 1 271.7 | 1 327.5 | 1 292.1 |
| 388.1   | 371.5   | 380.9   | 376.0   | 344.5   | 324.7   | 341.7   |
| 363.2   | 356.1   | 379.8   | 388.3   | 350.2   | 384.8   | 402.2   |
| 6 417.7 | 6 423.5 | 4 121.5 | 4 050.9 | 4 230.9 | 4 262.1 | 4 471.4 |
| 8 080.3 | 8 000.1 | 7 863.5 | 7 794.8 | 7 845.0 | 7 840.9 | 7 937.7 |
| 1 784.2 | 1 611.1 | 1 407.9 | 1 490.4 | 1 626.4 | 1 593.2 | 1 742.8 |
| ...     | ...     | ...     | ...     | ...     | ...     | ...     |
| 2 434.4 | 2 353.0 | 2 558.0 | 2 634.7 | 2 343.6 | 2 603.7 | 2 597.5 |
| 2 849.2 | 2 737.0 | 3 040.7 | 2 813.4 | 2 848.3 | 2 643.5 | 2 804.1 |
| 3 357.5 | 3 328.2 | 3 648.7 | 3 583.9 | 3 478.6 | 3 105.3 | 3 442.3 |
| 1 877.5 | 1 838.7 | 1 860.5 | 1 838.9 | 1 892.5 | 1 875.6 | 1 926.8 |
| 433.9   | 437.3   | 422.5   | 419.8   | 414.4   | 381.2   | 397.0   |
| 1 005.3 | 898.5   | 923.5   | 1 021.7 | 808.2   | 780.3   | 734.3   |
| 525.9   | 507.7   | 527.9   | 517.2   | 489.0   | 460.7   | 480.0   |
| 681.6   | 649.7   | 682.1   | 695.7   | 693.8   | 764.7   | 716.0   |
| 7 578.7 | 7 484.0 | 5 476.2 | 5 478.9 | 5 400.8 | 5 120.1 | 5 916.4 |
| 3 021.8 | 2 879.9 | 2 934.5 | 2 976.9 | 2 891.5 | 2 954.5 | 2 889.0 |
| 96.7    | 92.5    | 95.3    | 96.3    | 92.1    | 91.8    | 92.1    |
| 123.7   | 117.2   | 124.5   | 124.6   | 119.9   | 126.7   | 121.0   |

**Table 113. Cultivated, forest and fish-culture land area**

| End of Year | Cultivated land |             |                     |                     |                 |                | Crop area | Long-term<br>crop area | Forest land<br>area | Aquacul-<br>tural area |
|-------------|-----------------|-------------|---------------------|---------------------|-----------------|----------------|-----------|------------------------|---------------------|------------------------|
|             | Total           | Paddy field |                     |                     | Upland<br>field | 1 000 Hectares |           |                        |                     |                        |
|             |                 | Sub-total   | Double-<br>cropping | Single-<br>cropping |                 |                |           |                        |                     |                        |
|             | Hectares        |             |                     |                     |                 |                |           |                        |                     |                        |
| 1978        | 918 143         | 517 061     | 369 210             | 147 851             | 401 082         | 1 549          | 334       | 1 865 141              | 58 201              |                        |
| 1979        | 915 393         | 515 290     | 368 001             | 147 289             | 400 103         | 1 494          | 339       | 1 865 141              | 60 460              |                        |
| 1980        | 907 353         | 509 326     | 360 505             | 148 821             | 398 027         | 1 400          | 341       | 1 865 141              | 60 570              |                        |
| 1981        | 900 062         | 502 822     | 354 036             | 148 786             | 397 240         | 1 398          | 338       | 1 865 141              | 60 830              |                        |
| 1982        | 890 830         | 501 644     | 363 286             | 138 358             | 389 186         | 1 380          | 333       | 1 865 141              | 65 042              |                        |
| 1983        | 894 326         | 500 901     | 352 818             | 148 083             | 393 425         | 1 334          | 323       | 1 865 141              | 67 497              |                        |
| 1984        | 891 655         | 496 897     | 347 804             | 149 093             | 394 758         | 1 285          | 312       | 1 865 141              | 66 820              |                        |
| 1985        | 887 660         | 494 535     | 346 362             | 148 173             | 393 125         | 1 257          | 303       | 1 865 141              | 65 980              |                        |
| 1986        | 887 451         | 494 579     | 346 342             | 148 237             | 392 872         | 1 267          | 320       | 1 865 141              | 65 360              |                        |
| 1987        | 886 281         | 487 809     | 345 281             | 142 528             | 398 472         | 1 261          | 304       | 1 865 141              | 66 302              |                        |
| 1988        | 894 974         | 483 514     | 344 084             | 139 430             | 411 460         | 1 216          | 364       | 1 865 141              | 67 406              |                        |
| 1989        | 894 601         | 479 954     | 340 359             | 139 595             | 414 647         | 1 184          | 366       | 1 865 141              | 54 958              |                        |
| 1990        | 890 090         | 476 997     | 340 954             | 136 043             | 413 093         | 1 155          | 356       | 1 865 141              | 58 347              |                        |
| 1991        | 884 443         | 472 759     | 333 448             | 139 311             | 411 684         | 1 127          | 354       | 1 846 970              | 58 327              |                        |
| 1992        | 875 951         | 465 016     | 328 152             | 136 864             | 410 935         | 1 089          | 354       | 1 846 970              | 58 287              |                        |
| 1993        | 874 535         | 463 560     | 329 660             | 133 900             | 410 975         | 1 077          | 363       | 1 866 208              | 56 526              |                        |
| 1994        | 872 307         | 461 226     | 329 227             | 131 999             | 411 081         | 1 035          | 358       | 2 102 312              | 55 178              |                        |
| 1995        | 873 378         | 459 335     | 329 106             | 130 229             | 414 043         | 1 036          | 357       | 2 102 312              | 55 868              |                        |
| 1996        | 872 159         | 456 167     | 328 134             | 128 034             | 415 992         | 998            | 353       | 2 101 719              | 52 218              |                        |
| 1997        | 864 817         | 454 865     | 324 867             | 129 998             | 409 952         | 995            | 345       | 2 101 719              | 48 501              |                        |
| 1998        | 858 756         | 450 616     | 322 973             | 127 643             | 408 139         | 957            | 355       | 2 101 719              | 49 087              |                        |
| 1999        | 855 073         | 444 456     | 321 139             | 123 317             | 410 616         | 931            | 335       | 2 101 719              | 49 207              |                        |
| 2000        | 851 495         | 442 005     | 317 495             | 124 510             | 409 489         | 904            | 331       | 2 101 719              | 48 980              |                        |
| 2001        | 848 743         | 438 974     | 315 544             | 123 430             | 409 769         | 877            | 321       | 2 101 719              | 49 266              |                        |
| 2002        | 847 334         | 435 369     | 314 116             | 121 253             | 411 965         | 850            | 318       | 2 101 719              | 45 383              |                        |
| 2003        | 844 097         | 432 949     | 319 021             | 113 928             | 411 148         | 797            | 312       | 2 101 719              | 45 727              |                        |
| 2004        | 835 507         | 427 592     | 328 713             | 98 879              | 407 915         | 737            | 300       | 2 101 719              | 42 048              |                        |
| 2005        | 833 176         | 425 667     | 328 836             | 96 831              | 407 510         | 760            | 296       | 2 101 719              | 41 718              |                        |
| 2006        | 829 527         | 423 721     | 328 473             | 95 248              | 405 806         | 751            | 294       | 2 101 719              | 43 162              |                        |
| 2007        | 825 947         | 422 177     | 327 552             | 94 625              | 403 769         | 738            | 291       | 2 101 719              | 41 588              |                        |

**Note :** 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.

## 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 and mining production, shipment and inventory survey contained in the Yearbook of *Industrial Production Statistics Monthly, Taiwan Area of the Republic of China* published by the Department of Statistical, Ministry of Economic Affairs. Statistics on energy demand, supply and production come mainly from the official statistics contained in the *Energy Statistics Monthly* and *the Taiwan Energy Statistics* published by the Energy Commission, the Ministry of Economic Affairs.

The industrial and mining production, shipment and inventory survey is conducted once a month, and its scope covers the four industrial sectors in Taiwan Area, i.e. mining, manufacturing, public utilities (electricity, gas and water) and housing construction. Objects of the survey are enterprises selected from the files of *the Industry, commerce and service census in 2006*. Enterprises of the mining, housing construction and public enterprises sectors are subject to complete survey. Other sectors adopted the method of cut-off stratified sampling method. Samples covered by the survey totaled 8,000 enterprises, accounting for 11.4% of the population. (or 16.2% of the population excluding firms having employees less than 5 persons) Different survey methods are adopted for different industries of different nature. Mining industries are investigated by Taiwan Provincial Mining Bureau. For housing construction industries, are investigated by county (city) bureau of reconstruction. For manufacturing and public utilities industries, the data are obtained from the enterprises by completing the questionnaires themselves. The industrial production indices are derived from the data obtained from the above-mentioned investigations, using the selected production in *the Industry, commerce and service census in 2006* weighted by unit value-added method, and calculating with the Laspeyres formula.

On the front of energy statistics, all sorts of energy are converted to the amount of oil equivalent based on their calorie content as recognized in theory. The calorie content for the electricity generated by thermal power plants is derived from the average rate of calorie consumption of an electric power plant. The approach is applicable to hydroelectric and nuclear power plants. The value of calorie consumption of a power plant is 860 calories per watt hour, different from the criterion of 2,236 calories per watt hour set by the World Energy Conference. To facilitate international comparisons, please refer to the *Energy Balance Sheet of Taiwan, R.O.C.*, published by the Energy Commission, the Ministry of Economic Affairs.

For additional information on industrial activities and energy, please refer to *the Economic Statistics Annual* published by the Department of Statistics, the Ministry of Economic Affairs and the *Development of Industry Yearbook* published by the Industrial Development Bureau and *Taiwan Energy Statistics* published by the Energy Commission, the Ministry of Economic Affairs.

Table 114. Indexes of

2006 = 100

| Items                                     | 1995   | 1996   | 1997   | 1998   | 1999   |
|---|--------|--------|--------|--------|--------|
| General                                   | -      | 62.38  | 66.22  | 68.47  | 73.51  |
| Mining & quarrying                        | -      | 150.76 | 150.69 | 141.44 | 130.09 |
| Energy mining                             | 213.56 | 198.15 | 185.76 | 187.40 | 184.38 |
| Other mining                              | 134.91 | 120.06 | 126.06 | 130.69 | 112.74 |
| Quarrying                                 | 115.23 | 134.38 | 58.93  | 44.93  | 52.55  |
| Manufacturing                             | 58.55  | 60.11  | 64.46  | 66.51  | 71.69  |
| Food                                      | 124.46 | 123.27 | 111.95 | 103.63 | 102.30 |
| Beverages                                 | 133.55 | 126.92 | 127.54 | 129.84 | 134.11 |
| Tobacco                                   | 169.98 | 164.85 | 167.14 | 153.94 | 140.21 |
| Textile mills                             | 117.81 | 122.34 | 129.23 | 133.91 | 139.37 |
| Apparel, clothing & accessories           | 317.49 | 293.35 | 282.46 | 285.81 | 270.97 |
| Leather, furs & related products          | 240.45 | 220.77 | 195.93 | 168.76 | 157.46 |
| Wood & bamboo products                    | 221.39 | 206.69 | 210.07 | 193.02 | 182.13 |
| Pulp paper & paper products               | 86.32  | 87.27  | 91.12  | 91.37  | 94.64  |
| Printing & reproduction of recorded media | 60.97  | 59.08  | 62.06  | 70.10  | 69.17  |
| Petroleum & coal products                 | 43.03  | 46.82  | 48.67  | 50.65  | 54.99  |
| Chemical materials                        | 53.80  | 56.75  | 60.35  | 61.99  | 67.94  |
| Chemical products                         | 79.21  | 83.59  | 91.33  | 90.24  | 93.72  |
| Medical goods                             | 78.58  | 84.39  | 87.52  | 90.26  | 93.75  |
| Rubber products                           | 100.78 | 99.10  | 98.90  | 94.74  | 93.46  |
| Plastic products                          | 104.52 | 109.19 | 113.13 | 106.92 | 114.54 |
| Non-metallic mineral products             | 107.21 | 100.70 | 104.88 | 102.75 | 98.87  |
| Basic metal                               | 59.52  | 62.90  | 76.71  | 79.24  | 85.25  |
| Fabricated metal products                 | 99.79  | 103.25 | 107.49 | 106.92 | 112.16 |
| Electronic parts & components             | 21.63  | 22.63  | 25.21  | 27.55  | 33.30  |
| Computer, elec. & optical products        | 43.51  | 47.97  | 56.87  | 66.65  | 74.11  |
| Electrical equipment                      | 97.16  | 93.73  | 101.20 | 105.68 | 124.38 |
| Machinery & equipments                    | 66.72  | 69.27  | 74.91  | 70.86  | 74.45  |
| Motor vehicles & parts                    | 88.88  | 82.64  | 84.89  | 87.95  | 80.11  |
| Other transport equipments                | 93.13  | 90.22  | 92.11  | 89.06  | 82.91  |
| Furniture                                 | 183.39 | 177.93 | 180.29 | 175.20 | 185.17 |
| Other industrial products                 | 116.99 | 114.16 | 113.64 | 104.90 | 103.58 |
| Electricity, and gas supply               | 57.67  | 65.10  | 69.26  | 74.89  | 77.34  |
| Water supply                              | 76.53  | 76.26  | 78.23  | 82.47  | 85.97  |
| Construction of building                  | 161.60 | 133.39 | 111.83 | 112.45 | 119.88 |



## industrial production

| 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 78.44  | 71.84  | 77.20  | 84.22  | 92.05  | 95.51  | 100.00 | 107.77 |
| 119.10 | 119.99 | 130.13 | 120.88 | 116.20 | 105.28 | 100.00 | 82.96  |
| 160.83 | 183.28 | 189.06 | 179.76 | 165.83 | 119.47 | 100.00 | 89.27  |
| 106.86 | 97.22  | 110.25 | 100.00 | 98.54  | 100.11 | 100.00 | 80.43  |
| 52.51  | 61.04  | 61.43  | 68.87  | 88.55  | 109.16 | 100.00 | 109.31 |
| 77.31  | 70.34  | 76.62  | 83.94  | 92.31  | 95.69  | 100.00 | 108.34 |
| 107.00 | 107.05 | 104.44 | 103.08 | 100.36 | 101.09 | 100.00 | 100.71 |
| 130.69 | 130.02 | 96.04  | 99.55  | 97.28  | 98.96  | 100.00 | 99.14  |
| 129.91 | 137.07 | 119.54 | 126.38 | 100.50 | 106.17 | 100.00 | 105.56 |
| 140.92 | 124.82 | 121.52 | 115.79 | 118.46 | 103.60 | 100.00 | 99.30  |
| 240.90 | 183.88 | 161.48 | 143.89 | 132.37 | 110.98 | 100.00 | 89.42  |
| 147.27 | 115.05 | 119.75 | 116.31 | 118.54 | 114.07 | 100.00 | 88.58  |
| 167.54 | 154.14 | 129.65 | 118.82 | 113.73 | 102.81 | 100.00 | 89.26  |
| 96.89  | 88.54  | 93.42  | 102.11 | 105.67 | 104.06 | 100.00 | 101.45 |
| 73.81  | 72.15  | 72.82  | 84.56  | 95.10  | 102.67 | 100.00 | 99.74  |
| 58.37  | 66.67  | 75.25  | 86.96  | 101.90 | 106.01 | 100.00 | 101.32 |
| 72.47  | 78.13  | 85.18  | 92.40  | 98.56  | 98.07  | 100.00 | 112.04 |
| 96.15  | 85.41  | 89.91  | 93.11  | 101.21 | 96.48  | 100.00 | 101.19 |
| 95.42  | 92.20  | 88.53  | 95.53  | 102.11 | 100.62 | 100.00 | 107.96 |
| 90.55  | 81.65  | 91.63  | 98.90  | 107.34 | 102.46 | 100.00 | 104.40 |
| 115.12 | 105.82 | 109.63 | 110.88 | 113.58 | 106.99 | 100.00 | 99.30  |
| 99.50  | 91.27  | 95.83  | 98.40  | 101.98 | 101.01 | 100.00 | 97.81  |
| 88.21  | 80.01  | 88.72  | 92.60  | 97.63  | 93.42  | 100.00 | 100.46 |
| 110.94 | 94.70  | 97.87  | 99.10  | 102.36 | 99.05  | 100.00 | 98.87  |
| 42.99  | 34.58  | 42.69  | 53.32  | 64.30  | 81.41  | 100.00 | 123.52 |
| 85.23  | 85.72  | 92.18  | 98.20  | 101.01 | 103.02 | 100.00 | 107.89 |
| 121.38 | 101.23 | 111.12 | 116.14 | 118.94 | 109.29 | 100.00 | 92.37  |
| 79.56  | 66.28  | 71.88  | 79.82  | 91.83  | 95.46  | 100.00 | 107.80 |
| 84.72  | 71.35  | 88.40  | 101.48 | 118.06 | 122.26 | 100.00 | 97.49  |
| 83.03  | 71.99  | 75.04  | 77.95  | 95.04  | 102.96 | 100.00 | 107.35 |
| 191.44 | 131.13 | 109.95 | 97.73  | 103.68 | 100.10 | 100.00 | 104.11 |
| 107.97 | 94.50  | 98.48  | 100.59 | 103.41 | 103.41 | 100.00 | 102.56 |
| 82.42  | 83.02  | 86.99  | 90.71  | 93.74  | 97.72  | 100.00 | 102.97 |
| 98.01  | 100.16 | 94.94  | 97.00  | 96.72  | 97.25  | 100.00 | 100.29 |
| 102.32 | 90.87  | 72.10  | 78.60  | 82.36  | 91.73  | 100.00 | 99.52  |

Table 115. Indexes of

2006 = 100

| Items                               | 1995   | 1996   | 1997   | 1998   | 1999   |
|-------------------------------------|--------|--------|--------|--------|--------|
| Indexes of manufacturing production | 58.55  | 60.11  | 64.46  | 66.51  | 71.69  |
| By four industries                  |        |        |        |        |        |
| Metal & machinery industry          | 76.57  | 78.19  | 85.78  | 85.76  | 88.36  |
| Information & electron industry     | 29.87  | 31.51  | 35.81  | 40.20  | 47.02  |
| Chemistry industry                  | 62.76  | 65.46  | 68.38  | 68.80  | 73.35  |
| Food, textile & other industries    | 126.43 | 124.10 | 123.14 | 120.22 | 120.96 |
| By heavy or light industries        |        |        |        |        |        |
| Light industries                    | 120.08 | 119.39 | 119.02 | 115.79 | 116.80 |
| Heavy industries                    | 45.62  | 47.55  | 52.68  | 55.65  | 61.49  |
| By public or private                |        |        |        |        |        |
| Public                              | 100.15 | 90.43  | 92.35  | 93.98  | 98.14  |
| Private                             | 56.39  | 58.44  | 62.87  | 64.93  | 70.13  |
| By usage                            |        |        |        |        |        |
| Final demand goods                  | 83.73  | 84.00  | 88.11  | 90.78  | 94.98  |
| Investment goods                    | 61.25  | 64.90  | 73.96  | 82.12  | 89.99  |
| Capital goods                       | 50.22  | 56.29  | 66.84  | 76.64  | 87.06  |
| Construction materials              | 111.40 | 103.39 | 104.96 | 105.00 | 100.31 |
| Consumer goods                      | 106.33 | 102.95 | 101.65 | 98.35  | 98.54  |
| Durable goods                       | 97.89  | 90.28  | 92.36  | 91.01  | 90.47  |
| Non-durable goods                   | 108.73 | 107.09 | 104.44 | 100.38 | 100.85 |
| Producer goods                      | 48.09  | 50.17  | 54.60  | 56.39  | 61.95  |
| For mining & M.F.G. goods           | 49.05  | 51.12  | 55.97  | 57.96  | 63.82  |
| Other producer goods                | 48.12  | 51.03  | 51.12  | 50.73  | 54.03  |
| By intensity                        |        |        |        |        |        |
| Labor                               |        |        |        |        |        |
| High intensity                      | 78.13  | 77.89  | 80.96  | 81.29  | 87.71  |
| Medium intensity                    | 40.47  | 42.61  | 46.79  | 51.36  | 57.52  |
| Low intensity                       | 54.79  | 57.21  | 62.48  | 63.78  | 67.00  |
| Capital                             |        |        |        |        |        |
| High intensity                      | 50.06  | 51.67  | 55.45  | 56.21  | 58.67  |
| Medium intensity                    | 64.89  | 67.07  | 72.22  | 75.42  | 84.05  |
| Low intensity                       | 102.04 | 98.31  | 102.40 | 107.62 | 111.28 |
| Energy                              |        |        |        |        |        |
| High intensity                      | 63.63  | 66.35  | 72.35  | 74.42  | 79.12  |
| Medium intensity                    | 59.73  | 59.81  | 62.41  | 61.29  | 63.95  |
| Low intensity                       | 52.52  | 54.29  | 58.62  | 62.85  | 70.04  |
| Human capital                       |        |        |        |        |        |
| High intensity                      | 33.86  | 36.66  | 41.56  | 44.82  | 49.99  |
| Medium intensity                    | 81.02  | 80.98  | 85.47  | 86.86  | 92.41  |
| Low intensity                       | 138.57 | 136.42 | 133.02 | 126.63 | 127.53 |
| Indexes of producer's shipment      | 60.20  | 62.09  | 67.23  | 68.80  | 73.13  |
| Indexes of producer's inventory     | 73.99  | 79.58  | 81.11  | 89.16  | 86.27  |

**manufacturing**

| 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 77.31  | 70.34  | 76.62  | 83.94  | 92.31  | 95.69  | 100.00 | 108.34 |
| 90.72  | 78.29  | 85.23  | 90.45  | 99.13  | 98.24  | 100.00 | 101.78 |
| 56.59  | 48.64  | 56.91  | 66.86  | 76.42  | 88.16  | 100.00 | 117.66 |
| 76.21  | 77.99  | 84.53  | 92.60  | 101.91 | 101.02 | 100.00 | 106.37 |
| 122.18 | 111.84 | 107.63 | 105.98 | 105.82 | 102.22 | 100.00 | 99.68  |
| 117.47 | 106.19 | 104.26 | 104.82 | 107.10 | 103.43 | 100.00 | 99.67  |
| 68.23  | 62.23  | 70.37  | 79.24  | 88.99  | 93.95  | 100.00 | 110.28 |
| 94.74  | 93.20  | 85.64  | 93.94  | 104.66 | 106.76 | 100.00 | 100.35 |
| 76.41  | 69.02  | 76.31  | 83.60  | 91.83  | 95.26  | 100.00 | 108.65 |
| 99.05  | 90.59  | 92.99  | 96.86  | 102.45 | 102.46 | 100.00 | 101.60 |
| 94.04  | 85.29  | 88.66  | 89.49  | 97.14  | 97.49  | 100.00 | 106.11 |
| 92.70  | 85.11  | 87.31  | 89.37  | 96.31  | 97.17  | 100.00 | 110.46 |
| 98.49  | 85.50  | 93.17  | 89.46  | 99.73  | 98.47  | 100.00 | 92.64  |
| 102.63 | 94.36  | 96.10  | 102.02 | 106.24 | 106.00 | 100.00 | 98.38  |
| 96.30  | 80.87  | 92.46  | 108.08 | 117.89 | 119.87 | 100.00 | 92.40  |
| 104.38 | 98.44  | 97.00  | 99.78  | 102.18 | 101.17 | 100.00 | 100.47 |
| 68.21  | 61.86  | 69.75  | 78.51  | 88.03  | 92.83  | 100.00 | 111.18 |
| 70.75  | 62.32  | 70.18  | 78.75  | 87.61  | 92.49  | 100.00 | 111.36 |
| 55.65  | 65.00  | 73.91  | 85.19  | 100.91 | 103.16 | 100.00 | 105.59 |
| 91.10  | 77.60  | 83.85  | 93.02  | 103.00 | 101.94 | 100.00 | 101.32 |
| 61.43  | 55.87  | 63.53  | 70.36  | 79.98  | 89.54  | 100.00 | 116.23 |
| 76.33  | 74.83  | 79.82  | 85.62  | 91.12  | 94.29  | 100.00 | 109.25 |
| 65.14  | 62.74  | 69.46  | 76.59  | 85.77  | 91.58  | 100.00 | 112.00 |
| 89.23  | 77.96  | 84.35  | 92.61  | 100.78 | 101.13 | 100.00 | 103.88 |
| 113.65 | 95.87  | 98.63  | 102.37 | 106.56 | 102.75 | 100.00 | 96.07  |
| 83.02  | 78.62  | 85.36  | 93.17  | 99.70  | 97.95  | 100.00 | 103.45 |
| 67.54  | 57.41  | 63.51  | 71.47  | 82.16  | 89.29  | 100.00 | 111.04 |
| 78.54  | 72.22  | 78.10  | 84.32  | 92.07  | 98.03  | 100.00 | 111.44 |
| 57.13  | 53.65  | 60.85  | 69.39  | 80.14  | 90.65  | 100.00 | 115.27 |
| 96.19  | 85.63  | 90.92  | 97.07  | 101.87 | 99.62  | 100.00 | 102.60 |
| 126.74 | 110.02 | 110.66 | 110.33 | 111.90 | 104.11 | 100.00 | 100.66 |
| 78.57  | 71.10  | 76.76  | 82.62  | 90.28  | 95.77  | 100.00 | 107.88 |
| 90.95  | 96.30  | 88.37  | 89.50  | 93.27  | 100.79 | 100.00 | 101.05 |

Table 116. Production of major

| Items                              | Unit                  | 1998       | 1999       | 2000       |
|------------------------------------|-----------------------|------------|------------|------------|
| Frozen meat & frozen prepared food | M.T.                  | 387 529    | 385 671    | 394 317    |
| Prepared animal feeds              | M.T.                  | 5 501 123  | 5 820 238  | 5 394 522  |
| Wine & liquor (exclude beer)       | HL.                   | 2 204 660  | 2 481 986  | 2 507 449  |
| Fruit & vegetable juice            | 1 000 Liter           | 293 253    | 319 784    | 317 980    |
| Carbonated beverage                | 1 000 Liter           | 511 572    | 461 032    | 436 897    |
| Man-made fibers spun yarn          | M.T.                  | 502 881    | 485 923    | 439 565    |
| Cotton fabrics                     | 1 000 M <sup>2</sup>  | 983 979    | 1 061 736  | 1 059 629  |
| Polyester textured yarn fabric     | 1 000 M <sup>2</sup>  | 1 982 270  | 2 210 032  | 2 358 133  |
| Non-woven fabrics                  | M.T.                  | 133 653    | 147 963    | 154 842    |
| Paperboard                         | M.T.                  | 2 975 404  | 3 073 545  | 3 233 864  |
| Toilet soap                        | M.T.                  | 11 412     | 8 941      | 7 822      |
| Synthetic detergent                | M.T.                  | 126 830    | 132 690    | 128 728    |
| Automobile tire                    | 1 000 Pcs.            | 15 730     | 17 024     | 17 558     |
| Sheet glass                        | M.T.                  | 436 662    | 432 321    | 456 600    |
| Ceramic tiles                      | 1 000 M <sup>2</sup>  | 101 724    | 92 349     | 71 532     |
| Cement                             | M.T.                  | 19 651 529 | 18 283 162 | 17 572 303 |
| Steel bloom & billet               | M.T.                  | 16 781 765 | 15 454 856 | 16 464 730 |
| Re-bar                             | M.T.                  | 6 996 805  | 6 246 769  | 6 737 839  |
| Aluminium & aluminium alloy ingots | M.T.                  | 394 498    | 352 222    | 230 554    |
| Integrated circuit                 | 1 000 Pcs.            | 2 550 384  | 2 005 135  | 2 467 386  |
| Printed circuit board              | 1 000 Ft <sup>2</sup> | 792 748    | 367 093    | 449 991    |
| Light emitting diode               | 1 000 Pcs.            | 2 601 158  | 2 719 658  | 2 781 723  |
| Portable computer                  | Set                   | 7 020 283  | 9 952 710  | 13 059 784 |
| LCD displayer                      | Set                   | --         | 1 023 113  | 2 307 485  |
| Telephone set.                     | Set                   | 7 736 597  | 6 639 539  | 4 722 353  |
| Mobile phone                       | Set                   | 79 336     | 777 419    | 4 761 392  |
| Refrigerator                       | Set                   | 455 359    | 413 931    | 409 573    |
| Washing machine                    | Set                   | 303 949    | 304 805    | 294 724    |
| Electric fan                       | Set                   | 17 315 486 | 18 684 082 | 16 133 897 |
| Nc lathe & general lathe           | Set                   | 17 351     | 13 143     | 16 126     |
| Milling machine                    | Set                   | 21 634     | 16 723     | 22 748     |
| Sawing machine                     | Set                   | 61 535     | 50 373     | 54 121     |
| Press machine                      | Set                   | 4 468      | 5 211      | 6 473      |
| Sewing machines                    | Set                   | 3 242 720  | 2 741 920  | 2 827 001  |
| Passenger car                      | Set                   | 294 138    | 246 943    | 263 244    |
| Truck & bus                        | Set                   | 55 185     | 48 089     | 46 519     |
| Engine part for motor vehicles     | Million NT\$          | 11 411     | 11 044     | 11 665     |
| Bicycle                            | Set                   | 9 042 851  | 7 228 259  | 7 193 194  |
| Wood furniture & fixtures          | Million NT\$          | 21 204     | 20 864     | 19 092     |
| Golf equipment                     | Million NT\$          | 13 908     | 12 279     | 16 119     |
| Toy & doll                         | Million NT\$          | 10 635     | 8 642      | 9 147      |

## manufactured goods

| 2001       | 2002       | 2003       | 2004       | 2005       | 2006       | 2007       |
|------------|------------|------------|------------|------------|------------|------------|
| 371 279    | 387 198    | 379 327    | 375 761    | 431 292    | 438 974    | 454 385    |
| 5 455 667  | 5 336 389  | 5 311 748  | 5 188 385  | 5 218 070  | 5 182 519  | 5 108 919  |
| 2 482 423  | 562 252    | 482 489    | 447 568    | 397 992    | 371 752    | 367 976    |
| 334 941    | 369 307    | 364 924    | 349 837    | 329 010    | 300 712    | 307 237    |
| 442 241    | 429 455    | 436 088    | 383 264    | 383 796    | 344 789    | 336 520    |
| 360 349    | 316 039    | 308 790    | 279 786    | 237 378    | 208 341    | 223 596    |
| 831 566    | 793 071    | 659 143    | 650 749    | 508 877    | 459 790    | 417 518    |
| 1 986 054  | 1 860 517  | 1 736 776  | 1 631 021  | 1 380 857  | 1 219 131  | 1 394 570  |
| 160 404    | 161 173    | 162 122    | 161 325    | 149 264    | 153 769    | 145 622    |
| 2 590 530  | 3 235 255  | 3 403 838  | 3 554 986  | 3 377 999  | 3 350 646  | 3 406 476  |
| 7 469      | 6 951      | 7 530      | 8 227      | 6 802      | 6 555      | 5 879      |
| 116 498    | 114 712    | 105 491    | 99 264     | 103 811    | 97 924     | 99 713     |
| 16 790     | 19 179     | 22 275     | 23 451     | 23 225     | 22 316     | 23 592     |
| 375 561    | 403 302    | 412 100    | 458 020    | 483 885    | 509 359    | 632 188    |
| 47 260     | 39 598     | 46 108     | 52 299     | 53 085     | 52 889     | 49 056     |
| 18 127 570 | 19 362 884 | 18 474 193 | 19 049 935 | 19 890 989 | 19 293 803 | 18 957 336 |
| 16 642 706 | 17 698 119 | 18 304 266 | 18 656 228 | 17 738 265 | 19 423 355 | 20 882 799 |
| 6 283 554  | 7 274 269  | 6 242 350  | 6 586 521  | 6 800 478  | 7 408 582  | 6 211 220  |
| 203 944    | 225 264    | 224 497    | 274 653    | 250 717    | 250 592    | 277 886    |
| 2 263 407  | 2 298 908  | 2 492 403  | 2 832 420  | 2 988 512  | 3 267 425  | 5 033 385  |
| 382 152    | 480 160    | 562 183    | 559 392    | 641 844    | 685 488    | 692 962    |
| 1 955 309  | 5 186 585  | 6 276 806  | 6 927 494  | 9 294 939  | 11 722 524 | 15 828 203 |
| 14 130 083 | 14 346 492 | 10 344 208 | 6 628 142  | 4 415 887  | 3 050 526  | 1 261 776  |
| 5 129 037  | 4 540 774  | 3 968 856  | 3 421 815  | 2 280 248  | 1 412 556  | 1 225 793  |
| 1 910 975  | 1 078 593  | 1 228 224  | 1 290 200  | 927 461    | 986 421    | 686 962    |
| 9 654 198  | 21 887 249 | 32 096 558 | 32 760 058 | 36 087 891 | 28 109 709 | 22 668 964 |
| 420 460    | 493 565    | 561 693    | 595 986    | 461 005    | 448 582    | 462 086    |
| 261 903    | 296 805    | 312 955    | 339 553    | 313 547    | 307 371    | 333 960    |
| 15 644 262 | 14 582 878 | 12 868 315 | 10 985 171 | 8 547 215  | 6 901 593  | 7 114 536  |
| 10 290     | 12 601     | 16 970     | 23 074     | 24 612     | 22 543     | 24 448     |
| 16 594     | 12 830     | 14 330     | 15 106     | 13 672     | 12 975     | 12 728     |
| 34 799     | 46 204     | 53 475     | 56 721     | 59 915     | 55 617     | 60 046     |
| 4 625      | 6 047      | 7 199      | 8 585      | 6 909      | 6 978      | 6 421      |
| 2 542 874  | 2 328 861  | 2 000 906  | 1 988 263  | 1 762 614  | 1 490 264  | 1 336 490  |
| 197 657    | 253 482    | 318 885    | 345 323    | 363 562    | 234 437    | 213 136    |
| 30 996     | 35 619     | 35 743     | 46 297     | 48 489     | 42 672     | 26 369     |
| 10 357     | 11 773     | 11 871     | 13 873     | 13 417     | 11 549     | 12 466     |
| 4 746 535  | 4 674 604  | 4 615 954  | 4 948 505  | 4 867 944  | 4 415 365  | 5 120 452  |
| 13 139     | 11 219     | 9 375      | 9 103      | 7 989      | 7 780      | 7 845      |
| 13 079     | 13 079     | 13 083     | 12 403     | 14 782     | 11 166     | 11 589     |
| 9 472      | 8 825      | 9 083      | 9 877      | 8 864      | 8 314      | 7 862      |

Table 117.

| Items                          | 1996   | 1997   | 1998   | 1999    | 2000    |
|--------------------------------|--------|--------|--------|---------|---------|
| Total supply                   | 83 723 | 88 524 | 92 449 | 99 319  | 105 495 |
| Indigenous energy              | 1 566  | 1 537  | 1 641  | 1 512   | 1 346   |
| Crude oil (Liquids)            | 60     | 51     | 54     | 47      | 37      |
| Natural gas (Gas)              | 891    | 850    | 869    | 846     | 739     |
| Hydropower (Electricity)       | 453    | 501    | 593    | 483     | 436     |
| Solar power                    | 60     | 66     | 70     | 73      | 77      |
| Imports                        | 82 157 | 86 987 | 90 808 | 97 806  | 104 149 |
| Coal & coal products           | 22 873 | 26 663 | 27 211 | 30 018  | 33 056  |
| Crude oil & petroleum products | 44 562 | 45 194 | 47 314 | 50 907  | 53 561  |
| L.N.G.                         | 3 779  | 4 627  | 5 619  | 5 756   | 6 382   |
| Nuclear power                  | 10 943 | 10 504 | 10 664 | 11 125  | 11 150  |
| Total demand                   | 84 541 | 89 381 | 93 372 | 101 326 | 110 439 |
| Domestic consumption           | 69 510 | 74 216 | 81 450 | 85 499  | 92 819  |
| Energy use                     | 65 986 | 70 573 | 77 678 | 81 441  | 88 843  |
| Non-energy use                 | 3 524  | 3 643  | 3 772  | 4 058   | 3 976   |
| By energy form                 |        |        |        |         |         |
| Coal & coal products           | 4 832  | 6 181  | 6 647  | 6 364   | 6 996   |
| Petroleum products             | 32 544 | 33 355 | 33 641 | 35 822  | 37 833  |
| Natural gas                    | 2 771  | 2 731  | 2 775  | 2 601   | 2 632   |
| Electricity                    | 29 302 | 31 883 | 38 317 | 40 638  | 45 280  |
| Solar power                    | 60     | 66     | 70     | 73      | 77      |
| Exports                        | 2 461  | 3 319  | 2 004  | 2 494   | 2 594   |
| International marine bunkers   | 2 576  | 3 058  | 3 383  | 4 238   | 3 855   |
| Change in stocks               | 3 347  | 2 425  | 2 607  | 4 736   | 6 549   |
| Loss & statistical difference  | 6 007  | 5 830  | 3 357  | 3 591   | 3 918   |
| Electricity to pump up         | 641    | 533    | 572    | 768     | 704     |
| Consumption per capita (LOE)   | 3 250  | 3 440  | 3 740  | 3 895   | 4 195   |

## Energy

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

| 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|---------|---------|---------|---------|---------|---------|---------|
| 108 791 | 113 992 | 121 974 | 135 053 | 136 183 | 139 510 | 147 241 |
| 1 449   | 1 250   | 1 248   | 1 219   | 1 061   | 1 001   | 998     |
| 41      | 51      | 46      | 45      | 32      | 24      | 18      |
| 840     | 877     | 822     | 772     | 541     | 458     | 412     |
| 487     | 236     | 290     | 307     | 381     | 391     | 420     |
| 81      | 84      | 88      | 93      | 98      | 102     | 105     |
| 107 342 | 112 743 | 120 727 | 133 834 | 135 122 | 138 509 | 146 242 |
| 35 605  | 37 730  | 39 731  | 43 774  | 43 541  | 45 080  | 47 287  |
| 54 630  | 55 858  | 61 703  | 68 727  | 69 695  | 70 701  | 75 280  |
| 6 830   | 7 701   | 8 031   | 9 897   | 10 310  | 11 181  | 11 935  |
| 10 277  | 11 454  | 11 262  | 11 436  | 11 576  | 11 546  | 11 740  |
| 112 300 | 115 723 | 123 868 | 136 907 | 136 839 | 140 837 | 146 931 |
| 98 759  | 101 872 | 106 840 | 110 535 | 112 678 | 115 396 | 121 116 |
| 95 477  | 97 879  | 102 229 | 106 153 | 108 222 | 110 987 | 115 925 |
| 3 282   | 3 993   | 4 611   | 4 382   | 4 455   | 4 429   | 5 191   |
| 7 636   | 8 237   | 8 369   | 8 421   | 8 169   | 8 910   | 9 690   |
| 41 960  | 42 729  | 44 860  | 46 959  | 46 955  | 46 762  | 49 899  |
| 2 530   | 2 593   | 2 419   | 2 529   | 2 562   | 2 574   | 2 687   |
| 46 552  | 48 228  | 51 104  | 52 533  | 54 895  | 57 067  | 58 735  |
| 81      | 84      | 88      | 93      | 98      | 102     | 105     |
| 4 872   | 6 987   | 11 362  | 15 104  | 17 522  | 16 795  | 19 852  |
| 2 799   | 2 690   | 3 304   | 2 675   | 2 708   | 2 589   | 2 319   |
| 2 094   | - 787   | - 1 790 | 3 424   | 538     | 1 752   | - 1 467 |
| 3 040   | 4 473   | 3 643   | 4 532   | 2 749   | 3 571   | 4 661   |
| 735     | 487     | 509     | 636     | 644     | 714     | 450     |
| 4 433   | 4 549   | 4 750   | 4 896   | 4 974   | 5 075   | 5 306   |

Table 118. Construction of building

| Year | Indexes of buildings construction<br>2006 = 100 | Construction of building |              |                             |       |      | Thousand M <sup>2</sup> |        |
|------|---|--------------------------|--------------|-----------------------------|-------|------|-------------------------|--------|
|      |   | Total                    | By materials |                             |       |      | Wood                    | Others |
|      |   |                          | Concrete     | Steel & reinforced concrete | Brick |      |                         |        |
| 1978 | 61.85   | 22 754                   | 16 993       |                             | 5 342 | 29   | 390                     |        |
| 1979 | 78.55   | 28 761                   | 22 605       |                             | 5 612 | 21   | 523                     |        |
| 1980 | 95.64   | 35 284                   | 25 778       |                             | 8 524 | 57   | 925                     |        |
| 1981 | 105.78  | 38 892                   | 29 047       | 357                         | 8 300 | 20   | 1 168                   |        |
| 1982 | 73.52   | 26 919                   | 20 624       | 199                         | 5 097 | 18   | 981                     |        |
| 1983 | 70.00   | 24 987                   | 19 119       | 774                         | 3 927 | 17   | 1 150                   |        |
| 1984 | 78.24   | 27 191                   | 19 662       | 1 861                       | 4 390 | 19   | 1 259                   |        |
| 1985 | 78.52   | 28 113                   | 21 184       | 894                         | 4 687 | 22   | 1 326                   |        |
| 1986 | 71.13   | 25 959                   | 20 146       | 204                         | 4 322 | 19   | 1 268                   |        |
| 1987 | 68.97   | 25 179                   | 19 517       | 217                         | 3 849 | 24   | 1 572                   |        |
| 1988 | 81.77   | 29 766                   | 23 113       | 333                         | 4 115 | 33   | 2 172                   |        |
| 1989 | 86.99   | 31 256                   | 25 263       | 476                         | 3 169 | 22   | 2 326                   |        |
| 1990 | 87.53   | 31 275                   | 26 078       | 368                         | 2 782 | 34   | 2 013                   |        |
| 1991 | 90.61   | 32 003                   | 26 900       | 921                         | 2 071 | 23   | 2 088                   |        |
| 1992 | 106.15  | 36 922                   | 31 495       | 1 727                       | 1 572 | 66   | 2 062                   |        |
| 1993 | 136.08  | 47 501                   | 41 479       | 1 306                       | 1 617 | 73   | 3 026                   |        |
| 1994 | 168.60  | 58 159                   | 51 580       | 2 589                       | 1 510 | 61   | 2 419                   |        |
| 1995 | 161.60  | 55 263                   | 50 030       | 2 853                       | 988   | 32   | 1 360                   |        |
| 1996 | 133.39  | 45 709                   | 40 261       | 3 006                       | 871   | 19   | 1 552                   |        |
| 1997 | 111.83  | 38 462                   | 32 777       | 3 064                       | 718   | 32   | 1 871                   |        |
| 1998 | 112.45  | 38 683                   | 32 873       | 3 150                       | 666   | 53   | 1 941                   |        |
| 1999 | 119.88  | 41 240                   | 34 584       | 3 721                       | 596   | 58   | 2 281                   |        |
| 2000 | 102.32  | 35 024                   | 27 742       | 4 388                       | 566   | 86   | 2 242                   |        |
| 2001 | 90.87   | 31 168                   | 21 638       | 5 318                       | 962   | 123  | 3 127                   |        |
| 2002 | 72.10   | 24 386                   | 17 209       | 4 890                       | 493   | 67   | 1 727                   |        |
| 2003 | 78.60   | 26 497                   | 19 539       | 5 110                       | 254   | 75   | 1 519                   |        |
| 2004 | 82.36   | 27 873                   | 22 548       | 4 177                       | 206   | 75   | 867                     |        |
| 2005 | 91.73   | Ⓘ 31 027                 | Ⓘ 25 511     | Ⓘ 4 494                     | Ⓘ 191 | Ⓘ 47 | Ⓘ 784                   |        |
| 2006 | 100.00  | Ⓘ 36 202                 | Ⓘ 29 998     | Ⓘ 5 942                     | 204   | 25   | Ⓘ 33                    |        |
| 2007 | 99.52   | 36 056                   | 29 447       | 6 336                       | 205   | 33   | 35                      |        |



## COMMERCE AND EXTERNAL TRADE

This chapter is concerned with statistical information on commerce and external trade. Data on commerce, including new corporations registration in number of companies and total registered capital as well as business stores registration, come from the official statistics of the Department of Commerce, the Ministry of Economic Affairs. 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, Taiwan Area, R.O.C.* published by the Department of Statistics of the Ministry of Finance. Statistics on international balance of payments are taken from the *Balance of Payments, Taiwan District, Republic of China*, which is compiled on a quarterly basis and on an annual basis, following the definition, classification, and rules given in the fourth edition of the international balance of payments handbook published by the International Monetary Fund.

Imports and exports refer to cargoes going in and out in Taiwan Area. Landings overseas by fishing boats of our country as well as sales of fuel to foreign vessels and aircraft at ports of our country had not been included in the exports until 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 1,921 export items and 1,992 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 of the given group in the given period,  $\sum p_0 q_0$  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 given period unit value,  $P_0$  refers to the base period unit value,  $q_i$  refers to the given period quantity,  $q_0$  refers to the base period quantity, 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 given 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 unit value index of export,  $I_{PI}$  means 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.

For additional information on commercial activities, please refer to the *Economic Statistics Annual in Taiwan Area, R.O.C.* and the *Domestic and foreign Economic Statistics Indicators* published by the Department of the Ministry of Economic Affairs. For additional information on external trade, please refer to the *Monthly Statistics on Export Orders* published by the Department of Statistics of the Ministry of Economic Affairs, and the *Trends of Trade, R.O.C.* published by the Board of Foreign Trade, the Ministry of Economic Affairs.

Table 119. Value of

| End of Year | Exports         |                 |                   | Million of NT\$ |
|-------------|-----------------|-----------------|-------------------|-----------------|
|             | Million of NT\$ | Million of US\$ | Annual change (%) |                 |
| 1978        | 468 509         | 12 687          | 31.9              | 408 378         |
| 1979        | 579 299         | 16 103          | 23.6              | 532 928         |
| 1980        | 712 195         | 19 811          | 22.9              | 711 433         |
| 1981        | 829 756         | 22 611          | 16.5              | 778 633         |
| 1982        | 864 248         | 22 204          | 4.2               | 736 084         |
| 1983        | 1 005 422       | 25 123          | 16.3              | 813 904         |
| 1984        | 1 204 697       | 30 456          | 19.8              | 870 861         |
| 1985        | 1 223 019       | 30 726          | 1.5               | 801 847         |
| 1986        | 1 507 044       | 39 862          | 23.2              | 917 033         |
| 1987        | 1 707 608       | 53 679          | 13.3              | 1 113 871       |
| 1988        | 1 731 804       | 60 667          | 1.4               | 1 423 101       |
| 1989        | 1 747 800       | 66 304          | 0.9               | 1 385 720       |
| 1990        | 1 802 783       | 67 214          | 3.1               | 1 471 803       |
| 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        | 2 994 175       | 113 342         | 20.3              | 2 755 094       |
| 1996        | 3 221 533       | 117 581         | 7.6               | 2 830 309       |
| 1997        | 3 541 490       | 124 170         | 9.9               | 3 291 194       |
| 1998        | 3 706 473       | 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       |

**Note:** <sup>1</sup> 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 1991 to 2005 have been revised on this table.

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

**external trade**

| Imports         |                   | Balance         |                 | Exchange rate (US\$ per NT\$) |         |
|-----------------|-------------------|-----------------|-----------------|-------------------------------|---------|
| Million of US\$ | Annual change (%) | Million of NT\$ | Million of US\$ | Exports                       | Imports |
| 11 027          | 26.1              | 60 131          | 1 660           | 36.93                         | 37.03   |
| 14 774          | 30.5              | 46 371          | 1 330           | 35.97                         | 36.07   |
| 19 733          | 33.5              | 762             | 77              | 35.95                         | 36.05   |
| 21 200          | 9.4               | 51 123          | 1 412           | 36.70                         | 36.73   |
| 18 888          | - 5.5             | 128 164         | 3 316           | 38.92                         | 38.97   |
| 20 287          | 10.6              | 191 518         | 4 836           | 40.02                         | 40.12   |
| 21 959          | 7.0               | 333 836         | 8 497           | 39.55                         | 39.66   |
| 20 102          | - 7.9             | 421 172         | 10 624          | 39.80                         | 39.89   |
| 24 181          | 14.4              | 590 011         | 15 680          | 37.81                         | 37.92   |
| 34 983          | 21.5              | 593 737         | 18 695          | 31.81                         | 31.84   |
| 49 673          | 27.8              | 308 703         | 10 995          | 28.55                         | 28.65   |
| 52 265          | - 2.6             | 362 080         | 14 039          | 26.36                         | 26.51   |
| 54 716          | 6.2               | 330 980         | 12 498          | 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              | 218 138         | 8 603           | 26.39                         | 26.50   |
| 104 012         | 21.3              | 239 081         | 9 330           | 26.42                         | 26.49   |
| 102 922         | 2.7               | 391 225         | 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   |

Table 120. Indexes 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 |                    |                       |
| 1988 | -           | -       | -             | -       | -                | -       | -                  | -                     |
| 1989 | 25.23       | 21.10   | 48.99         | 38.44   | 51.50            | 54.89   | 93.82              | 45.96                 |
| 1990 | 26.03       | 22.40   | 50.00         | 39.84   | 52.06            | 56.23   | 92.58              | 46.29                 |
| 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                |

**Note :** Beginning 1989, it adopted the method used by the fourth revision for the Commodity Standard Classification in R.O.C., and statistical data before that year were not available.

**Table 121. Composition of exports and imports**

%

| Year | Exports               |                                 |                     | Imports       |   |                   |
|------|-----------------------|---------------------------------|---------------------|---------------|---|-------------------|
|      | Agricultural products | Processed agricultural products | Industrial products | Capital goods | Agricultural & industrial raw materials | Consumption goods |
| 1988 | 1.4                   | 4.1                             | 94.5                | 14.9          | 73.7                                    | 11.4              |
| 1989 | 0.7                   | 3.9                             | 95.4                | 16.4          | 72.1                                    | 11.5              |
| 1990 | 0.6                   | 3.8                             | 95.5                | 17.5          | 70.5                                    | 12.0              |
| 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               |

Table 122. Exports by

| Country or area of region | 1993       | 1994       | 1995        | 1996        | 1997        | 1998        |
|---------------------------|------------|------------|-------------|-------------|-------------|-------------|
| Total                     | 85 091 458 | 93 048 783 | 111 658 800 | 115 942 064 | 122 080 673 | 112 595 448 |
| Asia                      | 39 074 096 | 45 943 958 | 58 666 022  | 60 753 894  | 61 543 747  | 51 289 701  |
| Hong Kong                 | 18 452 603 | 21 262 326 | 26 105 855  | 26 787 641  | 28 688 053  | 25 398 248  |
| Japan                     | 8 977 167  | 10 221 109 | 13 156 727  | 13 658 783  | 11 691 036  | 9 438 826   |
| Korea, Rep. of            | 1 273 460  | 1 740 090  | 2 571 771   | 2 661 602   | 2 365 903   | 1 509 573   |
| Singapore                 | 2 890 381  | 3 365 837  | 4 404 987   | 4 573 182   | 4 894 589   | 3 359 182   |
| Thailand                  | 2 018 957  | 2 440 238  | 3 071 726   | 2 789 603   | 2 562 108   | 2 005 672   |
| Mainland China            | 16 227     | 131 634    | 376 614     | 623 379     | 626 480     | 914 872     |
| Middle and Near East      | 2 240 170  | 1 914 090  | 2 191 685   | 2 461 321   | 2 763 204   | 2 566 248   |
| Kuwait                    | 85 861     | 83 007     | 90 197      | 95 618      | 94 535      | 80 804      |
| Saudi Arabia              | 533 329    | 456 420    | 449 864     | 467 522     | 490 969     | 418 879     |
| Europe                    | 12 902 013 | 12 927 365 | 15 725 252  | 16 944 831  | 18 415 323  | 19 807 392  |
| France                    | 1 077 705  | 961 322    | 1 203 547   | 1 305 987   | 1 394 261   | 1 417 878   |
| Germany                   | 3 504 002  | 3 251 303  | 3 839 174   | 3 644 109   | 3 690 558   | 4 107 201   |
| Italy                     | 769 742    | 813 141    | 1 004 060   | 1 080 322   | 1 130 375   | 1 366 136   |
| United Kingdom            | 2 171 052  | 2 172 524  | 2 408 718   | 2 807 366   | 3 278 220   | 3 304 758   |
| Africa                    | 1 337 523  | 1 361 078  | 1 631 060   | 1 551 261   | 1 528 276   | 1 464 452   |
| Nigeria                   | 137 089    | 107 967    | 122 964     | 115 755     | 132 013     | 132 454     |
| North America             | 25 127 893 | 25 796 535 | 27 838 364  | 28 265 202  | 31 150 760  | 31 552 668  |
| Canada                    | 1 537 693  | 1 458 206  | 1 429 521   | 1 397 373   | 1 598 162   | 1 592 365   |
| U.S.A.                    | 23 587 325 | 24 336 757 | 26 407 389  | 26 866 357  | 29 551 755  | 29 959 134  |
| Central and South America | 2 209 278  | 2 614 797  | 2 768 017   | 2 901 938   | 3 585 834   | 3 229 711   |
| Mexico                    | 484 130    | 556 991    | 393 711     | 470 164     | 634 645     | 785 301     |
| Panama                    | 376 433    | 480 803    | 245 327     | 177 678     | 388 838     | 209 613     |
| Brazil                    | 270 399    | 435 977    | 775 494     | 857 729     | 912 271     | 676 389     |
| Oceania                   | 1 731 332  | 1 962 349  | 2 118 938   | 2 250 699   | 2 283 443   | 2 001 599   |
| Australia                 | 1 449 566  | 1 632 446  | 1 755 641   | 1 836 932   | 1 872 960   | 1 640 570   |
| Others                    | 469 237    | 528 671    | 719 109     | 812 756     | 810 118     | 683 964     |

**Note:** 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

## regions and principal countries (areas)

Thousands of U.S. Dollars

| 1999        | 2000        | 2001        | 2002        | 2003        | 2004        | 2005        | 2006        | 2007        |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 123 733 345 | 151 949 756 | 126 314 288 | 135 316 743 | 150 600 472 | 182 370 384 | 198 431 651 | 224 017 271 | 246 676 931 |
| 60 656 250  | 79 121 353  | 67 191 275  | 78 057 966  | 91 021 927  | 115 146 312 | 129 030 465 | 146 722 701 | 164 292 218 |
| 26 825 264  | 32 741 718  | 28 712 715  | 32 959 608  | 30 868 284  | 32 896 214  | 34 035 551  | 37 381 238  | 37 979 705  |
| 12 042 837  | 16 887 176  | 13 024 452  | 12 368 037  | 12 429 909  | 13 808 010  | 15 110 778  | 16 300 328  | 15 933 592  |
| 2 645 415   | 4 002 304   | 3 372 790   | 3 963 639   | 4 710 279   | 5 629 770   | 5 877 373   | 7 154 199   | 7 794 043   |
| 3 946 906   | 5 637 065   | 4 220 861   | 4 622 938   | 5 274 598   | 6 747 337   | 8 042 240   | 9 279 613   | 10 501 439  |
| 2 194 685   | 2 652 616   | 2 197 047   | 2 367 314   | 2 639 593   | 3 317 874   | 3 820 310   | 4 576 627   | 5 199 643   |
| 2 602 091   | 4 391 494   | 4 895 371   | 10 526 873  | 22 890 761  | 36 349 368  | 43 643 661  | 51 808 557  | 62 416 765  |
| 2 228 219   | 2 548 746   | 2 239 550   | 2 409 650   | 2 752 700   | 3 669 683   | 4 156 825   | 4 461 902   | 5 563 232   |
| 69 006      | 67 043      | 62 956      | 74 941      | 82 005      | 99 779      | 115 221     | 108 671     | 128 584     |
| 383 191     | 351 664     | 345 393     | 336 255     | 361 874     | 430 397     | 495 947     | 529 766     | 733 156     |
| 20 458 135  | 23 913 466  | 20 009 995  | 18 823 586  | 20 778 511  | 23 827 694  | 23 649 547  | 26 147 003  | 28 696 117  |
| 1 594 406   | 1 657 862   | 1 184 676   | 1 140 261   | 1 271 523   | 1 591 503   | 1 452 895   | 1 565 436   | 1 705 477   |
| 4 098 634   | 4 936 278   | 4 536 626   | 3 886 444   | 4 285 505   | 4 607 146   | 4 463 074   | 5 006 991   | 5 174 808   |
| 1 335 511   | 1 489 871   | 1 262 013   | 1 260 208   | 1 467 958   | 1 738 960   | 1 797 527   | 2 194 727   | 2 410 405   |
| 3 873 172   | 4 591 422   | 3 375 586   | 2 985 876   | 2 931 700   | 3 430 173   | 3 262 802   | 3 510 558   | 3 617 950   |
| 1 300 413   | 1 332 386   | 1 178 534   | 1 172 372   | 1 371 874   | 1 517 610   | 1 635 728   | 2 059 314   | 2 119 269   |
| 145 839     | 137 568     | 139 672     | 153 587     | 177 825     | 162 862     | 178 878     | 171 394     | 189 393     |
| 33 100 128  | 37 479 133  | 29 715 132  | 28 908 844  | 28 038 393  | 30 403 217  | 30 804 935  | 34 131 470  | 33 928 820  |
| 1 759 948   | 1 890 128   | 1 578 802   | 1 543 046   | 1 483 269   | 1 651 874   | 1 690 300   | 1 770 286   | 1 850 505   |
| 31 339 373  | 35 588 452  | 28 135 593  | 27 365 143  | 26 553 693  | 28 750 997  | 29 113 853  | 32 360 688  | 32 077 102  |
| 2 946 951   | 3 974 854   | 3 241 729   | 2 936 268   | 2 891 524   | 3 415 275   | 3 974 588   | 4 650 259   | 5 531 320   |
| 907 581     | 1 253 254   | 1 031 239   | 946 463     | 891 400     | 987 118     | 883 138     | 1 073 236   | 1 503 267   |
| 143 242     | 197 508     | 123 991     | 129 287     | 121 207     | 246 987     | 225 485     | 181 414     | 205 281     |
| 471 306     | 781 662     | 573 776     | 474 636     | 456 440     | 716 891     | 1 017 435   | 1 285 877   | 1 669 703   |
| 2 204 833   | 2 309 084   | 1 740 633   | 1 947 196   | 2 464 240   | 2 877 115   | 3 014 803   | 3 362 224   | 3 975 781   |
| 1 854 738   | 1 839 301   | 1 374 642   | 1 601 226   | 1 899 676   | 2 268 550   | 2 392 597   | 2 722 973   | 3 233 258   |
| 838 624     | 1 270 711   | 997 164     | 1 060 315   | 1 279 749   | 1 511 600   | 2 161 221   | 2 476 861   | 2 572 679   |

Table 123. Imports by

| Country or area of region | 1993       | 1994       | 1995        | 1996        | 1997        | 1998        |
|---------------------------|------------|------------|-------------|-------------|-------------|-------------|
| Total                     | 77 061 203 | 85 349 194 | 103 550 044 | 102 370 021 | 114 424 665 | 105 229 820 |
| Asia                      | 36 248 289 | 40 928 870 | 51 201 556  | 48 867 744  | 55 017 520  | 53 181 885  |
| Japan                     | 23 186 059 | 24 785 822 | 30 265 880  | 27 492 964  | 29 021 671  | 27 059 609  |
| Hong Kong                 | 1 728 757  | 1 532 958  | 1 842 873   | 1 704 663   | 1 996 134   | 2 076 093   |
| Indonesia                 | 1 624 039  | 2 114 386  | 2 150 425   | 1 884 483   | 2 184 708   | 2 114 404   |
| Malaysia                  | 1 938 936  | 2 326 856  | 2 953 718   | 3 565 236   | 4 228 301   | 3 639 473   |
| Korea, Rep. of            | 2 537 291  | 3 015 198  | 4 327 379   | 4 161 720   | 5 024 480   | 5 682 165   |
| Mainland China            | 1 015 504  | 1 858 713  | 3 091 306   | 3 059 852   | 3 915 312   | 4 113 882   |
| Middle and Near East      | 3 316 853  | 3 174 179  | 3 929 200   | 4 075 310   | 4 203 282   | 3 046 486   |
| Kuwait                    | 274 209    | 286 493    | 455 979     | 550 143     | 546 784     | 348 869     |
| Saudi Arabia              | 1 501 962  | 1 332 875  | 1 763 397   | 1 763 340   | 1 904 444   | 1 205 088   |
| Europe                    | 13 559 789 | 15 949 856 | 18 701 127  | 20 143 254  | 21 600 755  | 20 670 217  |
| France                    | 1 268 179  | 1 456 844  | 1 784 226   | 4 060 855   | 4 725 977   | 5 336 280   |
| Germany                   | 4 220 329  | 4 784 285  | 5 683 348   | 5 023 379   | 5 369 228   | 5 170 438   |
| Italy                     | 1 299 890  | 1 464 413  | 1 565 257   | 1 557 930   | 1 604 794   | 1 488 432   |
| United Kingdom            | 1 192 466  | 1 529 102  | 1 643 210   | 1 805 433   | 1 952 801   | 1 711 250   |
| Africa                    | 1 738 756  | 1 405 684  | 1 814 668   | 2 388 430   | 2 470 275   | 1 964 993   |
| North America             | 17 841 852 | 19 293 719 | 22 365 634  | 21 329 147  | 24 820 876  | 21 011 629  |
| Canada                    | 1 119 188  | 1 250 712  | 1 593 815   | 1 356 732   | 1 586 706   | 1 166 202   |
| U.S.A.                    | 16 722 624 | 18 042 642 | 20 771 393  | 19 971 851  | 23 233 847  | 19 845 059  |
| Central and South America | 1 809 589  | 1 885 057  | 2 398 470   | 2 165 541   | 2 540 595   | 1 979 124   |
| Mexico                    | 202 051    | 125 009    | 265 837     | 213 213     | 246 420     | 235 300     |
| Panama                    | 2 459      | 184        | 595         | 969         | 671         | 3 712       |
| Brazil                    | 757 204    | 612 476    | 592 419     | 565 807     | 760 983     | 586 926     |
| Oceania                   | 2 447 326  | 2 617 549  | 3 061 428   | 3 335 799   | 3 712 950   | 3 315 682   |
| Australia                 | 2 096 898  | 2 224 988  | 2 575 298   | 2 845 058   | 3 217 348   | 2 919 705   |
| New Zealand               | 310 230    | 351 953    | 445 526     | 428 010     | 426 425     | 349 335     |
| Others                    | 98 779     | 94 477     | 78 009      | 64 896      | 58 078      | 60 104      |

**Note:** 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 2000 to 2005 have been revised on this table.



## regions and principal countries (areas)

Thousands of U.S. Dollars

| 1999        | 2000        | 2001        | 2002        | 2003        | 2004        | 2005        | 2006        | 2007        |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 111 196 086 | 140 731 990 | 107 970 570 | 113 245 120 | 128 010 148 | 168 757 598 | 182 614 393 | 202 698 135 | 219 251 567 |
| 60 859 715  | 78 852 181  | 59 051 982  | 64 475 503  | 74 573 298  | 98 279 599  | 106 115 984 | 115 905 797 | 120 925 150 |
| 30 637 138  | 38 622 073  | 25 933 484  | 27 363 325  | 32 719 525  | 43 717 802  | 46 053 319  | 46 284 409  | 45 936 862  |
| 2 223 600   | 2 364 182   | 2 051 591   | 1 914 898   | 1 917 196   | 2 309 164   | 2 109 729   | 1 880 644   | 1 824 902   |
| 2 296 941   | 3 020 530   | 2 527 889   | 2 592 605   | 2 926 646   | 4 114 535   | 4 542 964   | 5 204 299   | 5 775 954   |
| 3 895 257   | 5 350 520   | 4 232 763   | 4 175 555   | 4 766 713   | 5 424 990   | 5 217 223   | 6 051 561   | 6 192 410   |
| 7 202 328   | 9 027 154   | 6 732 022   | 7 741 421   | 8 738 160   | 11 663 599  | 13 239 158  | 14 999 578  | 15 158 354  |
| 4 528 891   | 6 229 334   | 5 902 959   | 7 968 584   | 11 017 887  | 16 792 252  | 20 093 696  | 24 783 086  | 28 014 979  |
| 4 111 382   | 6 743 442   | 6 608 650   | 7 254 743   | 10 423 754  | 14 028 569  | 19 152 512  | 24 916 352  | 27 825 870  |
| 406 830     | 982 191     | 1 130 414   | 1 288 812   | 2 002 271   | 2 770 157   | 4 295 825   | 5 007 826   | 5 742 741   |
| 1 384 589   | 2 721 008   | 2 746 035   | 2 407 270   | 4 276 038   | 5 558 950   | 7 437 249   | 9 760 161   | 10 409 566  |
| 17 670 852  | 19 132 661  | 15 085 324  | 14 748 645  | 16 319 616  | 21 402 497  | 21 919 721  | 21 566 014  | 23 713 598  |
| 1 895 170   | 1 838 690   | 2 140 382   | 1 558 760   | 1 632 990   | 2 099 857   | 2 544 412   | 2 219 958   | 2 381 940   |
| 5 331 787   | 5 578 810   | 4 274 220   | 4 448 258   | 4 986 253   | 5 852 028   | 6 180 253   | 6 135 238   | 7 070 040   |
| 1 313 685   | 1 399 013   | 1 089 428   | 1 095 022   | 1 138 162   | 1 349 320   | 1 451 733   | 1 545 193   | 1 475 619   |
| 1 745 372   | 1 952 902   | 1 457 087   | 1 371 908   | 1 431 079   | 1 745 036   | 1 714 064   | 1 781 013   | 1 920 418   |
| 2 229 846   | 3 285 723   | 2 661 862   | 2 130 413   | 2 708 922   | 4 127 602   | 3 601 798   | 5 522 484   | 6 127 043   |
| 20 950 198  | 26 555 073  | 19 419 288  | 19 206 841  | 18 080 364  | 22 984 702  | 22 494 970  | 24 038 316  | 28 205 133  |
| 1 131 786   | 1 284 793   | 1 011 996   | 951 220     | 1 085 056   | 1 204 323   | 1 324 077   | 1 373 811   | 1 697 045   |
| 19 818 117  | 25 269 878  | 18 407 253  | 18 255 577  | 16 995 299  | 21 780 377  | 21 170 843  | 22 664 494  | 26 508 055  |
| 1 921 263   | 2 112 591   | 1 545 600   | 1 917 063   | 2 413 282   | 3 597 714   | 3 614 650   | 4 304 109   | 5 007 386   |
| 491 951     | 557 170     | 421 120     | 364 763     | 334 153     | 416 523     | 355 401     | 426 738     | 593 182     |
| 3 290       | 2 053       | 4 413       | 6 204       | 6 377       | 22 945      | 24 635      | 36 294      | 53 782      |
| 476 836     | 553 936     | 445 178     | 585 429     | 916 297     | 1 332 078   | 1 216 347   | 1 065 887   | 1 341 776   |
| 3 391 688   | 3 986 096   | 3 543 738   | 3 287 940   | 3 239 577   | 4 059 870   | 5 397 303   | 6 124 580   | 7 114 189   |
| 2 964 741   | 3 510 837   | 3 090 500   | 2 839 188   | 2 732 209   | 3 429 629   | 4 726 429   | 5 349 481   | 6 122 115   |
| 362 075     | 382 306     | 346 765     | 342 305     | 383 483     | 459 016     | 507 634     | 502 227     | 565 051     |
| 61 427      | 64 534      | 54 018      | 221 317     | 251 307     | 276 701     | 316 325     | 319 945     | 328 591     |

Table 124. Exports and imports

| Item   | Exports |         |         |         |         |
|--|---------|---------|---------|---------|---------|
|  | 2001    | 2002    | 2003    | 2004    | 2005    |
| Total  | 126 314 | 135 317 | 150 600 | 182 370 | 198 432 |
| 0. Food and live animals   | 1 657   | 1 722   | 1 820   | 2 044   | 2 080   |
| 1. Beverages and tobacco   | 59      | 66      | 74      | 73      | 83      |
| 2. Crude materials, inedible, except fuels                           | 1 631   | 1 788   | 2 016   | 2 392   | 2 624   |
| 3. Mineral fuels, lubricants and related materials                   | 1 793   | 2 139   | 3 339   | 5 447   | 8 859   |
| 4. Animal and vegetable oils, fats and waxes                         | 29      | 32      | 42      | 48      | 44      |
| 5. Chemicals and related products, n.e.s.                            | 8 859   | 10 121  | 12 192  | 16 456  | 20 216  |
| 6. Manufactured goods classified chiefly by material                 | 24 402  | 25 455  | 27 114  | 32 351  | 34 237  |
| 7. Machinery and transport equipment                                 | 72 349  | 77 780  | 83 879  | 98 200  | 101 593 |
| 8. Miscellaneous manufactured articles                               | 15 259  | 15 834  | 19 672  | 24 827  | 27 556  |
| 9. Commodities and transactions not classified elsewhere in the SITC | 276     | 380     | 454     | 533     | 1 140   |

Table 125. Number of

| End of year | Total     | Agriculture, forestry, fishing and animal husbandry | Mining & quarrying | Manufacturing | Electricity, gas & water |              |         |                                       |
|-------------|-----------|---|--------------------|---------------|--------------------------|--------------|---------|---------------------------------------|
| 1999        | 1 046 600 | 16 083  | 1 417              | 143 833       | 810                      |              |         |                                       |
| 2000        | 1 057 188 | 16 046  | 1 364              | 141 419       | 840                      |              |         |                                       |
| 2001        | 1 058 422 | 15 196  | 1 295              | 136 794       | 889                      |              |         |                                       |
| 2002        | 1 070 245 | 15 205  | 1 299              | 133 785       | 960                      |              |         |                                       |
| Year        | Total     | Agriculture, forestry, fishing and animal husbandry | Mining & quarrying | Manufacturing | Electricity, gas & water | Construction | Trade   | Accommodation & eating-drinking place |
| 2003        | 1 097 440 | 15 213  | 1 256              | 131 708       | 679                      | 70 144       | 579 868 | 74 838                                |
| 2004        | 1 130 127 | 15 256  | 1 268              | 132 255       | 656                      | 73 608       | 597 162 | 81 278                                |
| 2005        | 1 169 265 | 14 544  | 1 282              | 131 748       | 641                      | 79 873       | 616 279 | 90 747                                |
| 2006        | 1 179 059 | 12 580  | 1 308              | 130 474       | 635                      | 84 383       | 616 377 | 94 886                                |
| 2007        | 1 176 945 | 12 594  | 1 330              | 128 761       | 649                      | 86 031       | 612 052 | 97 758                                |

Note : From Jan. 2003, the figures are reclassified according to the 5th revision of Standard Industrial Classification on Taxation of the Republic of China.

## by SITC sections

Million of U.S. dollars

|         |         | Imports |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2006    | 2007    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
| 224 017 | 246 677 | 107 971 | 113 245 | 128 010 | 168 758 | 182 614 | 202 698 | 219 251 |
| 1 785   | 1 836   | 3 221   | 3 361   | 3 709   | 4 180   | 4 532   | 4 647   | 5 155   |
| 96      | 101     | 836     | 751     | 884     | 943     | 1 103   | 1 113   | 1 118   |
| 3 109   | 3 434   | 4 409   | 4 756   | 5 466   | 6 930   | 7 188   | 8 691   | 11 214  |
| 10 785  | 13 749  | 11 808  | 11 648  | 15 203  | 21 499  | 28 097  | 36 633  | 43 413  |
| 44      | 62      | 125     | 159     | 185     | 227     | 222     | 190     | 277     |
| 22 396  | 28 606  | 12 205  | 13 494  | 15 791  | 20 654  | 22 950  | 26 105  | 28 743  |
| 37 866  | 41 885  | 11 345  | 12 645  | 14 991  | 22 574  | 23 243  | 27 078  | 29 496  |
| 114 108 | 120 864 | 51 902  | 53 892  | 56 998  | 71 731  | 75 214  | 76 842  | 76 863  |
| 32 483  | 34 718  | 10 161  | 10 333  | 12 766  | 17 709  | 17 299  | 18 711  | 19 920  |
| 1 343   | 1 422   | 1 959   | 2 212   | 2 017   | 2 310   | 2 767   | 2 688   | 3 054   |

## registered business stores

Numbers

| Construction | Trade and eating-drinking place | Transport, storage & communication | Finance, insurance and real estate | Business services | Social, personal and related community services |
|--------------|---------------------------------|------------------------------------|------------------------------------|-------------------|---|
| 69 431       | 628 505                         | 33 602                             | 25 945                             | 44 191            | 82 773  |
| 71 103       | 633 799                         | 33 505                             | 26 128                             | 48 278            | 84 706  |
| 69 522       | 636 758                         | 32 732                             | 26 127                             | 50 726            | 88 383  |
| 68 828       | 646 620                         | 32 179                             | 27 009                             | 53 281            | 91 079  |

  

| Transport storage & communication | Finance & insurance | Real estate & rental & leasing | Professional, science & technology | Education services | Health care & social welfare | Culture, sport & leisure services | Public services | Other services & non-classified |
|-----------------------------------|---------------------|--------------------------------|------------------------------------|--------------------|------------------------------|-----------------------------------|-----------------|---------------------------------|
| 32 846                            | 16 290              | 21 333                         | 40 063                             | 189                | 348                          | 23 690                            | 26              | 88 949                          |
| 31 200                            | 17 307              | 23 212                         | 41 647                             | 252                | 361                          | 24 963                            | 26              | 89 676                          |
| 31 222                            | 17 944              | 24 749                         | 42 906                             | 296                | 360                          | 25 768                            | 23              | 90 883                          |
| 30 951                            | 18 320              | 25 907                         | 42 697                             | 365                | 358                          | 28 180                            | 25              | 91 613                          |
| 30 598                            | 18 956              | 26 552                         | 42 937                             | 460                | 366                          | 25 546                            | 22              | 92 333                          |

Table 126. 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 & water | Water supply & remediation | Construction | Wholesale & retail trade               |
| <b>Newly registered</b>            |         |   |                    |               |                          |                            |              |  |
| 2007                               | 33 718  | 398   | 189                | 6 182         | 48                       | 261                        | 5 055        | 5 479                                  |
| <b>Capital of newly registered</b> |         |   |                    |               |                          |                            |              |  |
| 2007                               | 175 210 | 2 132   | 1 058              | 35 165        | 822                      | 865                        | 18 751       | 13 581                                 |

**Note:** Data before 2007 are based on the Standard Industrial Classification (SIC, the 7th Amendment) published by DGBAS of Executive Yuan, and since Jan. 2007 SIC the 8th Amendment are adopted.

**corporations and its capital**

| Transport, storage & communication | Finance , insurance | Real estate, rental & leasing | Professional, scientific & technical services | Education 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 (Millions of N.T. Dollars)**

|        |         |        |        |    |    |       |        |        |
|--------|---------|--------|--------|----|----|-------|--------|--------|
| 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 |

| Transport & 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 |
|-----|-----|-------|-------|-------|-------|-----|-----|-------|

**corporations (Millions of N.T. Dollars)**

|       |     |       |        |        |        |       |     |        |
|-------|-----|-------|--------|--------|--------|-------|-----|--------|
| 3 920 | 712 | 3 598 | 47 613 | 13 749 | 12 930 | 3 204 | 773 | 16 337 |
|-------|-----|-------|--------|--------|--------|-------|-----|--------|

Table 127 Balance

| Items                                  | 1998     | 1999     | 2000     |
|--|----------|----------|----------|
| A Current Account                      | 3 436    | 7 993    | 8 899    |
| Goods: exports fob                     | 112 751  | 123 763  | 151 899  |
| Goods: imports fob                     | -102 436 | -109 057 | -138 227 |
| Balance on Goods                       | 10 315   | 14 706   | 13 672   |
| Services: credit                       | 16 768   | 17 161   | 20 010   |
| Services: debit                        | - 24 169 | - 24 362 | - 26 647 |
| Balance on Goods and Services          | 2 914    | 7 505    | 7 035    |
| Income: credit                         | 6 481    | 6 965    | 9 166    |
| Income: debit                          | - 4 432  | - 4 160  | - 4 698  |
| Balance on Goods , Services and Income | 4 963    | 10 310   | 11 503   |
| Current transfers: credit              | 2 943    | 3 126    | 3 202    |
| Current Transfers: debit               | - 4 470  | - 5 443  | - 5 806  |
| B Capital Account                      | - 181    | - 173    | - 287    |
| Capital account: credit                | -        | -        | -        |
| Capital account: debit                 | - 181    | - 173    | - 287    |
| Total, Groups A plus B                 | 3 255    | 7 820    | 8 612    |
| C Financial Account                    | 2 495    | 9 220    | - 8 019  |
| Direct investment abroad               | - 3 836  | - 4 420  | - 6 701  |
| Direct investment in Taiwan, ROC       | 222      | 2 926    | 4 928    |
| Portfolio investment assets            | - 4 136  | - 4 577  | - 9 780  |
| Equity securities                      | - 3 893  | - 5 058  | - 9 265  |
| Debt securities                        | - 243    | 481      | - 515    |
| Portfolio investment liabilities       | 1 848    | 13 913   | 9 556    |
| Equity securities                      | 1 553    | 14 765   | 8 489    |
| Debt securities                        | 295      | - 852    | 1 067    |
| Financial derivatives                  | - 124    | - 257    | - 304    |
| Financial derivatives assets           | 317      | 251      | 414      |
| Financial derivatives liabilities      | - 441    | - 508    | - 718    |
| Other investment assets                | 3 494    | 2 334    | - 8 368  |
| Monetary authorities                   | -        | -        | -        |
| General government                     | - 10     | - 11     | - 13     |
| Banks                                  | - 1 443  | - 923    | - 10 105 |
| Other sectors                          | 4 947    | 3 268    | 1 750    |
| Other investment liabilities           | 5 027    | - 699    | 2 650    |
| Monetary authorities                   | -        | -        | -        |
| General government                     | - 14     | - 7      | - 7      |
| Banks                                  | 1 404    | - 4 645  | - 1 705  |
| Other sectors                          | 3 637    | 3 953    | 4 362    |
| Total , Groups A through C             | 5 750    | 17 040   | 593      |
| D Net Errors And Omissions             | - 923    | 1 553    | 1 884    |
| Total , Groups A through D             | 4 827    | 18 593   | 2 477    |
| E Reserves and Related Items           | - 4 827  | - 18 593 | - 2 477  |
| Reserve assets                         | - 4 827  | - 18 593 | - 2 477  |
| Use of Fund credit and loans           | -        | -        | -        |
| Exceptional financing                  | -        | -        | -        |

## of payments

Millions of U.S. Dollars

| 2001     | 2002     | 2003      | 2004      | 2005      | 2006      | 2007      |
|----------|----------|-----------|-----------|-----------|-----------|-----------|
| 18 237   | 25 612   | 29 234    | 18 478    | 16 019    | Ⓘ 24 661  | 32 881    |
| 126 247  | 135 268  | 150 597   | 182 362   | 198 456   | 223 789   | 246 500   |
| -106 385 | -111 093 | - 125 730 | - 166 249 | - 180 559 | - 200 385 | - 215 051 |
| 19 862   | 24 175   | 24 867    | 16 113    | 17 897    | Ⓘ 23 404  | 31 449    |
| 19 895   | 21 635   | 23 166    | 25 789    | 25 827    | Ⓘ 29 272  | 31 236    |
| - 24 465 | - 24 719 | - 25 635  | - 30 731  | - 32 480  | - 33 661  | - 36 105  |
| 15 292   | 21 091   | 22 398    | 11 171    | 11 244    | Ⓘ 19 015  | 26 580    |
| 9 327    | 10 334   | 12 991    | 15 485    | 17 394    | 19 338    | 23 471    |
| - 3 648  | - 3 321  | - 3 436   | - 4 353   | - 8 355   | - 9 757   | - 13 368  |
| 20 971   | 28 104   | 31 953    | 22 303    | 20 283    | Ⓘ 28 596  | 36 683    |
| 2 607    | 2 621    | 2 673     | 3 170     | 3 463     | 3 837     | 4 559     |
| - 5 341  | - 5 113  | - 5 392   | - 6 995   | - 7 727   | - 7 772   | - 8 361   |
| - 163    | - 139    | - 87      | - 77      | - 117     | - 118     | - 96      |
| -        | 1        | 1         | 6         | 1         | 4         | 3         |
| - 163    | - 140    | - 88      | - 83      | - 118     | - 122     | - 99      |
| 18 074   | 25 473   | 29 147    | 18 401    | 15 902    | Ⓘ 24 543  | 32 785    |
| - 384    | 8 749    | Ⓘ 7 628   | Ⓘ 7 169   | 2 302     | Ⓘ- 19 595 | - 36 981  |
| - 5 480  | - 4 886  | - 5 682   | - 7 145   | - 6 028   | - 7 399   | - 11 107  |
| 4 109    | 1 445    | 453       | 1 898     | 1 625     | 7 424     | 8 161     |
| - 11 347 | -15 442  | Ⓘ- 34 763 | Ⓘ- 21 823 | Ⓘ- 33 902 | Ⓘ- 40 754 | - 44 993  |
| - 8 649  | - 9 142  | Ⓘ- 9 850  | Ⓘ- 8 167  | Ⓘ- 12 464 | Ⓘ- 18 466 | - 35 696  |
| - 2 698  | - 6 300  | Ⓘ- 24 913 | Ⓘ- 13 656 | Ⓘ- 21 438 | Ⓘ- 22 288 | - 9 297   |
| 11 119   | 6 616    | 29 566    | 17 154    | 31 045    | 21 814    | 5 218     |
| 11 298   | 3 636    | 25 197    | 14 092    | 34 826    | 22 662    | 5 599     |
| - 179    | 2 980    | 4 369     | 3 062     | - 3 781   | - 848     | - 381     |
| - 1 063  | - 242    | - 215     | - 843     | - 1 003   | - 965     | - 220     |
| 535      | 400      | 519       | 888       | 909       | 1 930     | 3 768     |
| - 1 598  | - 642    | - 734     | - 1 731   | - 1 912   | - 2 895   | - 3 988   |
| - 1 770  | 11 990   | Ⓘ 3 939   | Ⓘ 408     | Ⓘ- 6 254  | Ⓘ- 1 266  | - 6 591   |
| -        | -        | -         | -         | -         | -         | -         |
| 8        | 2        | 33        | 32        | --        | - 4       | 11        |
| - 7 341  | 3 022    | - 1 994   | - 6 754   | - 9 421   | Ⓘ- 5 525  | - 9 817   |
| 5 563    | 8 966    | Ⓘ 5 900   | Ⓘ 7 130   | Ⓘ 3 167   | Ⓘ 4 263   | 3 215     |
| 4 048    | 9 268    | 14 330    | 17 520    | 16 819    | 1 551     | 12 551    |
| -        | -        | --        | 898       | 9 250     | - 3 311   | - 7 300   |
| - 4      | - 5      | - 8       | - 6       | -         | 6         | - 6       |
| 636      | 4 677    | 11 391    | 13 957    | 5 352     | 1 993     | 17 086    |
| 3 416    | 4 596    | 2 947     | 2 671     | 2 217     | 2 863     | 2 771     |
| 17 690   | 34 222   | Ⓘ 36 775  | Ⓘ 25 570  | 18 204    | Ⓘ 4 948   | - 4 196   |
| - 337    | - 558    | 317       | Ⓘ 1 025   | 1 852     | Ⓘ 1 138   | 176       |
| 17 353   | 33 664   | 37 092    | 26 595    | 20 056    | 6 086     | - 4 020   |
| - 17 353 | - 33 664 | - 37 092  | - 26 595  | - 20 056  | - 6 086   | 4 020     |
| - 17 353 | - 33 664 | - 37 092  | - 26 595  | - 20 056  | - 6 086   | 4 020     |
| -        | -        | -         | -         | -         | -         | -         |
| -        | -        | -         | -         | -         | -         | -         |

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## 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 Entry and Exit Service Bureau, 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 5,004 tourists receiving interview at the waiting lounge of the CKS International Airport and the Kao-Hsiung Hsiao Keung 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.

For more information on transport, storage, and communications, please refer to the *Monthly Statistics of Transportation and Communications, Republic of China* and the *Report on Survey of Quantity and Value of Production on Transportation, Communication and Warehousing Business, Republic of China* published by the Ministry of Transportation and Communications, the *Survey Report on Motor Vehicle Freight Traffic Taiwan Area, Republic of China* published by the Department of Statistics, Ministry of Transportation and Communications, the *Statistical Report of Taiwan Railway Administration* published by the Taiwan Railway Administration.

Table 128. Railways, highways, motor vehicles in use

| Year | Railways<br>(M.T.)       |                           | Highways<br>(M.T.)       |                           | Motor vehicles<br>(Thousands) |                        |
|------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------------|------------------------|
|      | Passenger-<br>kilometers | Freight<br>ton-kilometers | Passenger-<br>kilometers | Freight<br>ton-kilometers | Passenger cars                | Commercial<br>vehicles |
| 1978 | 8 004                    | 2 647                     | 25 486                   | 6 166                     | 256                           | 176                    |
| 1979 | 7 327                    | 2 668                     | 26 114                   | 7 127                     | 341                           | 218                    |
| 1980 | 7 971                    | 2 716                     | 26 836                   | 7 690                     | 425                           | 256                    |
| 1981 | 7 982                    | 2 527                     | 29 346                   | 8 727                     | 506                           | 297                    |
| 1982 | 8 204                    | 2 277                     | 29 473                   | 8 800                     | 592                           | 334                    |
| 1983 | 8 533                    | 2 581                     | 29 364                   | 8 929                     | 688                           | 373                    |
| 1984 | 8 458                    | 2 493                     | 30 315                   | 9 191                     | 807                           | 409                    |
| 1985 | 8 309                    | 2 300                     | 30 461                   | 9 223                     | 916                           | 429                    |
| 1986 | 8 316                    | 2 365                     | 29 510                   | 9 359                     | 1 047                         | 452                    |
| 1987 | 8 459                    | 2 490                     | 28 861                   | 10 586                    | 1 249                         | 469                    |
| 1988 | 8 233                    | 2 278                     | 27 370                   | 11 340                    | 1 560                         | 512                    |
| 1989 | 8 145                    | 2 112                     | 25 741                   | 11 494                    | 1 930                         | 573                    |
| 1990 | 8 323                    | 1 877                     | 25 493                   | 11 543                    | 2 263                         | 620                    |
| 1991 | 8 621                    | 1 961                     | 25 329                   | 11 814                    | 2 541                         | 636                    |
| 1992 | 9 361                    | 2 140                     | 24 227                   | 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                  |

**Table 129. 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 |
| 1978 | 1 603  | 308              | 10 065                          | 44 129  | 84 683  | 82 487   |
| 1979 | 1 615  | 361              | 9 681                           | 46 317  | 94 606  | 96 650   |
| 1980 | 1 806  | 361              | 9 095                           | 51 168  | 100 414   | 104 350  |
| 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 | 4 791  | 904              | 38 997                          | 157 866 | 380 816   | 427 768  |
| 2002 | 4 235  | 907              | 41 477                          | 166 502 | 384 575   | 461 712  |
| 2003 | 3 735  | 905              | 44 810                          | 176 813 | 417 577   | 471 160  |
| 2004 | 3 707  | 904              | 47 849                          | 187 975 | 437 433   | 472 914  |
| 2005 | 3 375  | 905              | 48 015                          | 177 134 | 452 703   | 484 699  |
| 2006 | 3 005  | 905              | 47 558                          | 173 072 | 475 785   | 503 737  |
| 2007 | 2 853  | 757              | 50 810                          | 191 892 | 480 700   | 498 593  |

Notes : <sup>1</sup> Figures for foreign vesels were revised from 1989.

Table 130. Civil aviation

| Year | Number of flights |               | Passenger transportation<br>(Thousand) |               | Freight transportation<br>( metric tons) |               |
|------|-------------------|---------------|--|---------------|--|---------------|
|      | Domestic          | International | Domestic                               | International | Domestic                                 | International |
| 1978 | 110 914           | 34 042        | 7 799                                  | 3 119         | 43 613                                   | 139 500       |
| 1979 | 106 277           | 36 837        | 7 618                                  | 3 628         | 31 217                                   | 189 595       |
| 1980 | 89 809            | 37 089        | 6 150                                  | 3 760         | 24 918                                   | 212 249       |
| 1981 | 84 402            | 37 252        | 5 639                                  | 4 063         | 23 402                                   | 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        | 5 302                                  | 4 828         | 21 573                                   | 402 964       |
| 1987 | 117 004           | 42 755        | 6 682                                  | 5 679         | 25 141                                   | 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     |

Table 131. Telephones and internet

| Year | Number of mobile telephones (Thousands) | Local telephones        |                               |  | Internet users (Thousnads) |
|------|---|-------------------------|-------------------------------|--|----------------------------|
|      |   | Subscribers (Thousands) | Subscribers, index (1991=100) | Subscribers per 100 population (Subscribers) |                            |
| 1978 | -                                       | 1 503                   | 21.93                         | 8.8  | -                          |
| 1979 | -                                       | 1 861                   | 27.15                         | 10.6   | -                          |
| 1980 | -                                       | 2 323                   | 33.89                         | 13.1   | -                          |
| 1981 | -                                       | 2 818                   | 41.12                         | 15.5   | -                          |
| 1982 | -                                       | 3 230                   | 47.13                         | 17.5   | -                          |
| 1983 | -                                       | 3 618                   | 52.79                         | 19.3   | -                          |
| 1984 | -                                       | 3 947                   | 57.60                         | 20.7   | -                          |
| 1985 | -                                       | 4 228                   | 61.70                         | 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                         | 31.2   | -                          |
| 1991 | 197                                     | 6 853                   | 100.00                        | 33.3   | 10                         |
| 1992 | 385                                     | 7 418                   | 108.24                        | 35.7   | 50                         |
| 1993 | 539                                     | 7 951                   | 116.02                        | 37.9   | 100                        |
| 1994 | 584                                     | 8 503                   | 124.08                        | 40.2   | 180                        |
| 1995 | 770                                     | 9 175                   | 133.88                        | 43.0   | 250                        |
| 1996 | 970                                     | 10 011                  | 146.08                        | 46.5   | 603                        |
| 1997 | 1 492                                   | 10 862                  | 158.50                        | 50.0   | 1 660                      |
| 1998 | 4 727                                   | 11 500                  | 167.81                        | 52.4   | 3 011                      |
| 1999 | 11 541                                  | 12 044                  | 175.75                        | 54.5   | 4 800                      |
| 2000 | 17 874                                  | 12 642                  | 184.47                        | 56.8   | 6 270                      |
| 2001 | 21 786                                  | 12 858                  | 187.63                        | 57.4   | 7 820                      |
| 2002 | 24 391                                  | 13 099                  | 191.14                        | 58.2   | 8 590                      |
| 2003 | 25 800                                  | 13 355                  | 194.88                        | 59.1   | 8 830                      |
| 2004 | 22 760                                  | 13 530                  | 197.43                        | 59.6   | 9 160                      |
| 2005 | 22 171                                  | 13 615                  | 198.67                        | 59.8   | 9 590                      |
| 2006 | 23 249                                  | 13 473                  | 196.60                        | 58.9   | 9 760                      |
| 2007 | 24 287                                  | 13 294                  | 193.99                        | 57.9   | 10 030                     |

Table 132. International telephone business

Thousands

| Year | Outgoing calls |                | Outgoing calls between the Straits |                |
|------|----------------|----------------|------------------------------------|----------------|
|      | No. of calls   | No. of minutes | No. of calls                       | No. of minutes |
| 1978 | 2 278          | 14 383         | -                                  | -              |
| 1979 | 3 128          | 19 464         | -                                  | -              |
| 1980 | 3 634          | 22 945         | -                                  | -              |
| 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      |

Notes : <sup>1</sup> Telephone service between Taiwan and China from June 1989.

**Table 133. 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 |
| 1993 | 13 824                             | 1 644                         | 18 600                      | 1 846                               | 2 110     | 14 978                       | 15 269    |
| 1994 | 14 079                             | 1 701                         | 18 603                      | 2 016                               | 2 216     | 16 627                       | 16 993    |
| 1995 | 14 326                             | 1 834                         | 18 496                      | 2 142                               | 2 435     | 18 213                       | 18 741    |
| 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    |

**Table 134. Visitor arrivals by purpose of visit**

| Year | Total     | Pleasure  | Business | Visit relatives | Study  | Conference | Others  | Persons  |
|------|-----------|-----------|----------|-----------------|--------|------------|---------|----------|
|      |           |           |          |                 |        |            |         | Unstated |
| 1993 | 1 850 214 | 700 907   | 524 917  | 200 817         | 25 014 | 19 979     | 72 397  | 306 183  |
| 1994 | 2 127 249 | 860 915   | 594 808  | 233 968         | 28 151 | 28 720     | 98 276  | 282 411  |
| 1995 | 2 331 934 | 940 451   | 651 968  | 240 009         | 28 093 | 24 131     | 109 058 | 338 224  |
| 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  |

Table 135. Number of foreign visitor

| Resident         | 1988      | 1989      | 1990      | 1991      | 1992      | 1993      | 1994      | 1995      | 1996      |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Grand Total      | 1 696 677 | 1 768 541 | 1 712 680 | 1 629 448 | 1 649 726 | 1 601 228 | 1 856 685 | 2 066 333 | 2 088 539 |
| Asia             | 1 288 701 | 1 367 417 | 1 312 944 | 1 224 636 | 1 216 340 | 1 159 554 | 1 379 321 | 1 566 025 | 1 572 539 |
| Hong Kong, Macao | 22 562    | 25 720    | 26 839    | 26 912    | 26 964    | 28 451    | 33 370    | 39 269    | 45 998    |
| Japan            | 909 044   | 962 545   | 914 750   | 825 420   | 794 237   | 696 431   | 816 665   | 907 338   | 911 777   |
| Korea            | 84 503    | 135 635   | 143 656   | 150 076   | 147 158   | 88 297    | 124 116   | 140 469   | 121 399   |
| India            | 7 618     | 6 469     | 5 753     | 5 346     | 6 878     | 7 361     | 8 197     | 9 553     | 10 320    |
| Middle East      | 10 285    | 9 597     | 8 396     | 8 690     | 9 242     | 9 725     | 9 013     | 10 066    | 9 759     |
| Malaysia         | 85 660    | 62 975    | 49 376    | 40 658    | 46 455    | 50 664    | 47 577    | 53 620    | 55 430    |
| Singapore        | 61 302    | 59 573    | 59 207    | 61 962    | 63 739    | 59 810    | 69 259    | 69 665    | 77 642    |
| Indonesia        | 26 395    | 26 361    | 25 764    | 22 780    | 22 247    | 33 984    | 38 489    | 45 857    | 50 505    |
| Philippines      | 34 152    | 28 981    | 29 564    | 26 863    | 28 709    | 52 981    | 69 468    | 89 490    | 104 525   |
| Thailand         | 23 624    | 21 350    | 21 266    | 23 739    | 33 416    | 88 985    | 114 613   | 146 632   | 120 089   |
| Others           | 23 556    | 28 211    | 28 373    | 32 190    | 37 295    | 42 865    | 48 554    | 54 066    | 65 095    |
| America          | 245 856   | 250 036   | 251 826   | 254 935   | 275 688   | 280 814   | 301 012   | 311 180   | 318 245   |
| Canada           | 20 382    | 20 261    | 19 761    | 20 352    | 21 730    | 21 081    | 23 308    | 25 944    | 29 580    |
| U.S.A.           | 214 581   | 219 046   | 221 201   | 224 182   | 243 022   | 248 942   | 266 115   | 273 606   | 277 236   |
| Mexico           | 1 354     | 1 466     | 1 662     | 1 534     | 1 645     | 1 265     | 1 410     | 1 034     | 1 325     |
| Brazil           | 2 886     | 3 388     | 3 299     | 2 723     | 2 799     | 2 827     | 3 480     | 4 095     | 3 508     |
| Others           | 6 653     | 5 875     | 5 903     | 6 144     | 6 492     | 6 699     | 6 699     | 6 501     | 6 596     |
| Europe           | 109 238   | 111 189   | 111 195   | 113 488   | 119 821   | 120 944   | 134 043   | 143 700   | 151 564   |
| Belgium          | 3 343     | 3 272     | 3 035     | 3 401     | 3 302     | 3 207     | 3 629     | 3 745     | 3 971     |
| France           | 15 106    | 15 812    | 15 714    | 16 548    | 17 513    | 18 494    | 21 334    | 21 587    | 21 716    |
| Germany          | 24 719    | 24 983    | 24 250    | 25 543    | 28 758    | 28 357    | 31 075    | 32 667    | 33 677    |
| Italy            | 8 890     | 8 850     | 8 803     | 9 348     | 10 221    | 9 893     | 11 934    | 12 239    | 11 511    |
| Netherlands      | 8 405     | 8 525     | 7 901     | 8 110     | 8 208     | 8 879     | 9 155     | 9 935     | 10 436    |
| Switzerland      | 6 056     | 5 932     | 6 120     | 5 941     | 5 668     | 5 937     | 6 029     | 6 238     | 6 035     |
| Spain            | 2 751     | 3 079     | 2 975     | 3 386     | 3 711     | 3 217     | 3 577     | 3 685     | 3 714     |
| U.K.             | 22 300    | 22 524    | 23 064    | 21 416    | 22 646    | 24 112    | 26 929    | 28 796    | 30 426    |
| Others           | 17 668    | 18 212    | 19 333    | 19 795    | 19 794    | 18 848    | 20 381    | 24 808    | 30 078    |
| Oceania          | 22 856    | 24 215    | 22 623    | 22 444    | 24 840    | 25 654    | 27 907    | 31 372    | 32 100    |
| Australia        | 18 536    | 19 773    | 18 741    | 18 703    | 20 896    | 21 446    | 23 134    | 26 112    | 26 844    |
| New Zealand      | 3 379     | 3 450     | 3 141     | 3 077     | 3 421     | 3 819     | 4 258     | 4 875     | 4 952     |
| Others           | 941       | 992       | 741       | 664       | 523       | 389       | 515       | 385       | 304       |
| Africa           | 17 102    | 14 352    | 12 838    | 12 678    | 11 118    | 10 718    | 10 276    | 9 839     | 9 345     |
| Others           | 12 924    | 1 332     | 1 254     | 1 267     | 1 919     | 3 544     | 4 126     | 4 217     | 4 746     |



**arrivals by residence**

Persons

| 1997      | 1998      | 1999      | 2000      | 2001      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2 115 641 | 2 031 811 | 2 115 653 | 2 310 670 | 2 291 871 | 2 354 017 | 1 812 034 | 2 428 297 | 2 798 210 | 2 855 629 | 2 988 815 |
| 1 571 044 | 1 478 765 | 1 546 893 | 1 690 232 | 1 704 449 | 1 747 685 | 1 336 849 | 1 760 612 | 2 107 089 | 2 164 552 | 2 262 176 |
| 50 557    | 54 574    | 63 323    | 73 708    | 80 752    | 76 690    | 56 076    | 70 878    | 77 275    | 77 549    | 79 548    |
| 900 714   | 822 817   | 823 799   | 914 884   | 970 741   | 985 564   | 655 131   | 885 168   | 1 122 192 | 1 159 533 | 1 164 446 |
| 94 632    | 59 766    | 74 411    | 82 480    | 82 081    | 79 874    | 90 174    | 144 769   | 178 964   | 192 521   | 222 347   |
| 11 438    | 11 672    | 11 498    | 13 195    | 13 062    | 13 945    | 12 405    | 16 255    | 17 475    | 18 020    | 19 954    |
| 11 321    | 11 147    | 10 578    | 11 202    | 9 194     | 9 929     | 7 696     | 12 598    | 13 431    | 12 692    | 13 327    |
| 54 022    | 48 904    | 52 358    | 57 728    | 56 615    | 64 483    | 66 487    | 92 272    | 107 084   | 114 761   | 140 720   |
| 81 356    | 86 695    | 85 569    | 94 691    | 96 645    | 107 069   | 78 300    | 116 445   | 165 666   | 183 511   | 204 015   |
| 54 092    | 47 415    | 76 424    | 106 787   | 89 027    | 86 098    | 37 116    | 43 694    | 88 086    | 90 593    | 95 327    |
| 112 844   | 120 543   | 120 319   | 83 137    | 68 955    | 74 022    | 75 851    | 82 319    | 87 205    | 75 240    | 80 117    |
| 121 534   | 127 987   | 137 664   | 132 998   | 116 296   | 105 688   | 97 478    | 101 989   | 92 584    | 94 644    | 89 137    |
| 78 534    | 87 245    | 90 950    | 119 422   | 121 081   | 144 323   | 160 135   | 194 225   | 157 127   | 145 488   | 153 238   |
| 337 610   | 345 771   | 357 455   | 405 749   | 388 507   | 406 227   | 311 594   | 440 887   | 453 271   | 457 167   | 464 911   |
| 31 762    | 33 360    | 34 568    | 38 016    | 40 176    | 42 815    | 33 873    | 49 891    | 53 838    | 53 225    | 56 554    |
| 293 681   | 300 753   | 311 995   | 356 535   | 338 548   | 353 411   | 270 523   | 380 210   | 388 153   | 392 004   | 395 036   |
| 1 490     | 1 679     | 1 694     | 1 876     | 1 605     | 2 195     | 1 213     | 2 144     | 1 999     | 2 097     | 2 445     |
| 3 479     | 3 247     | 2 467     | 2 767     | 2 155     | 2 206     | 1 823     | 2 720     | 2 819     | 3 028     | 3 794     |
| 7 198     | 6 732     | 6 731     | 6 555     | 6 023     | 5 600     | 4 162     | 5 922     | 6 462     | 6 813     | 7 082     |
| 158 349   | 159 659   | 161 377   | 160 728   | 147 610   | 146 730   | 118 273   | 164 032   | 171 665   | 171 816   | 185 553   |
| 3 861     | 4 079     | 4 098     | 4 147     | 3 506     | 3 833     | 3 014     | 3 801     | 4 208     | 3 832     | 4 082     |
| 22 674    | 23 515    | 23 508    | 23 675    | 20 988    | 20 179    | 15 188    | 21 152    | 21 785    | 22 372    | 23 693    |
| 34 492    | 35 187    | 34 096    | 34 769    | 33 687    | 33 470    | 28 476    | 37 063    | 39 626    | 38 602    | 39 372    |
| 12 257    | 11 720    | 11 329    | 12 055    | 10 639    | 10 664    | 7 678     | 10 302    | 10 913    | 10 722    | 11 402    |
| 10 814    | 11 190    | 14 235    | 12 592    | 11 032    | 10 237    | 8 022     | 11 173    | 12 084    | 11 418    | 12 373    |
| 6 602     | 6 390     | 6 452     | 6 325     | 5 909     | 5 639     | 4 486     | 6 114     | 6 341     | 6 360     | 6 719     |
| 4 036     | 3 892     | 3 875     | 4 063     | 3 736     | 3 826     | 2 763     | 4 367     | 4 579     | 4 566     | 4 865     |
| 32 737    | 33 505    | 33 136    | 35 471    | 33 569    | 34 082    | 28 316    | 36 913    | 35 748    | 35 794    | 39 758    |
| 30 876    | 30 181    | 30 648    | 27 631    | 24 544    | 24 800    | 20 330    | 33 147    | 36 381    | 38 150    | 43 289    |
| 34 367    | 34 153    | 35 541    | 38 049    | 36 141    | 37 849    | 31 849    | 50 294    | 55 185    | 51 433    | 61 146    |
| 28 674    | 28 737    | 29 731    | 31 711    | 29 978    | 31 477    | 26 287    | 41 529    | 46 017    | 42 114    | 51 270    |
| 5 302     | 5 045     | 5 357     | 5 973     | 5 768     | 6 124     | 5 272     | 7 512     | 8 015     | 8 189     | 8 612     |
| 391       | 371       | 453       | 365       | 395       | 248       | 290       | 1 253     | 1 153     | 1 130     | 1 264     |
| 8 808     | 7 728     | 7 716     | 8 667     | 8 663     | 9 120     | 7 375     | 9 538     | 9 018     | 8 714     | 8 414     |
| 5 463     | 5 735     | 6 671     | 7 245     | 6 501     | 6 406     | 6 094     | 2 934     | 1 982     | 1 947     | 6 615     |

Table 136. Visitor arrivals and their average expenditures

| Year | Visitor arrivals  |                   | Visitor expenditures      |                   |                            |                                    | Average length of stay (Nights) |
|------|-------------------|-------------------|---------------------------|-------------------|----------------------------|------------------------------------|---------------------------------|
|      | Visitor (Persons) | Increase rate (%) | Amount (Millions of US\$) | Increase rate (%) | Spending per person (US\$) | Spending per person per day (US\$) |                                 |
| 1978 | 1 270 977         | 14.5              | 608                       | 15.3              | 478.4                      | 70.9                               | 6.8                             |
| 1979 | 1 340 382         | 5.5               | 919                       | 51.2              | 685.6                      | 95.2                               | 7.2                             |
| 1980 | 1 393 254         | 3.9               | 988                       | 7.5               | 709.1                      | 104.6                              | 6.8                             |
| 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               | 1 424.7                    | 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                             |

## 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** -- Revenues are not include the proceeds of public debt, receipts from loans for economic construction and surplus of previous years. Expenditures are excluded the principal repayment.

**Actual Revenues and Expenditures** -- The actual revenue refers to the net revenues of general governments net of three items of insubstantial revenue, specifically public bonds issued, borrowings, and appropriation of cash savings from the previous fiscal years. The actual expenditure refers to the net expenditure of general governments net of debt serving payments.

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, mining lot tax, education surtax, and temporary tax. All other taxes are classified as indirect taxes (including monopoly profits).

For additional information on governments' revenues and expenditures, please refer to the *Monthly Report of Financial Statistics, Republic of China*, the *Preliminary Statistics of Financial Indicators*, and the *Yearbook of Tax Statistics, Republic of China* published by the Ministry of Finance.

Table 137. Net revenues and

A. By current

| Fiscal year       | Net revenues             |            |                          |            |                          |            |                          |            |
|-------------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|
|                   | Total                    |            | Current                  |            | Capital                  |            | Total                    |            |
|                   | Amount<br>(Mil. N.T. \$) | Shares (%) | Amount<br>(Mil. N.T. \$) | Shares (%) | Amount<br>(Mil. N.T. \$) | Shares (%) | Amount<br>(Mil. N.T. \$) | Shares (%) |
| 1982              | 454 461                  | 100.0      | 435 156                  | 95.8       | 19 305                   | 4.2        | 487 253                  | 100.0      |
| 1983              | 461 117                  | 100.0      | 448 294                  | 97.2       | 12 823                   | 2.8        | 489 894                  | 100.0      |
| 1984              | 515 913                  | 100.0      | 503 021                  | 97.5       | 12 890                   | 2.5        | 506 224                  | 100.0      |
| 1985              | 542 603                  | 100.0      | 531 075                  | 97.9       | 11 527                   | 2.1        | 546 338                  | 100.0      |
| 1986              | 584 838                  | 100.0      | 566 944                  | 96.9       | 17 895                   | 3.1        | 616 718                  | 100.0      |
| 1987              | 650 203                  | 100.0      | 629 488                  | 96.8       | 20 715                   | 3.2        | 641 911                  | 100.0      |
| 1988              | 765 439                  | 100.0      | 737 872                  | 96.4       | 27 567                   | 3.6        | 726 468                  | 100.0      |
| 1989              | 921 575                  | 100.0      | 890 664                  | 96.6       | 30 911                   | 3.4        | 1 207 351                | 100.0      |
| 1990              | 1 092 401                | 100.0      | 1 053 410                | 96.4       | 38 991                   | 3.6        | 1 097 518                | 100.0      |
| 1991              | 1 049 931                | 100.0      | 997 536                  | 95.0       | 52 395                   | 5.0        | 1 275 613                | 100.0      |
| 1992              | 1 257 568                | 100.0      | 1 218 653                | 96.9       | 38 915                   | 3.1        | 1 561 930                | 100.0      |
| 1993              | 1 416 334                | 100.0      | 1 352 986                | 95.5       | 63 348                   | 4.5        | 1 756 306                | 100.0      |
| 1994              | 1 502 754                | 100.0      | 1 441 922                | 96.0       | 60 832                   | 4.0        | 1 826 367                | 100.0      |
| 1995              | 1 559 429                | 100.0      | 1 522 624                | 97.6       | 36 805                   | 2.4        | 1 910 066                | 100.0      |
| 1996              | 1 604 184                | 100.0      | 1 550 943                | 96.7       | 53 241                   | 3.3        | 1 843 786                | 100.0      |
| 1997              | 1 704 759                | 100.0      | 1 629 420                | 95.6       | 75 338                   | 4.4        | 1 878 764                | 100.0      |
| 1998              | 2 053 458                | 100.0      | 1 960 620                | 95.5       | 92 838                   | 4.5        | 1 992 593                | 100.0      |
| 1999              | 2 004 394                | 100.0      | 1 867 081                | 93.1       | 137 313                  | 6.9        | 2 050 004                | 100.0      |
| 2000 <sup>1</sup> | 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              | 1 848 199                | 100.0      | 1 757 216                | 95.1       | 90 983                   | 4.9        | 2 206 223                | 100.0      |
| 2004              | 1 971 648                | 100.0      | 1 865 612                | 94.6       | 106 036                  | 5.4        | Ⓘ2 238 904               | 100.0      |
| 2005              | Ⓘ2 117 598               | 100.0      | Ⓘ2 017 146               | 95.3       | Ⓘ100 453                 | 4.7        | Ⓘ2 310 755               | 100.0      |
| 2006              | 2 172 436                | 100.0      | 2 079 327                | 95.7       | 93 110                   | 4.3        | 2 261 958                | 100.0      |

Notes: <sup>1</sup> 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 from 2001 onward the period of fiscal year is coincide with calendar year.

**expenditures of general government**

and capital

| Net expenditures         |               |                          |               | Surplus or deficit       |               |                          |               |                          |               |
|--------------------------|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|---------------|
| Current                  |               | Capital                  |               | Total                    |               | Current                  |               | Capital                  |               |
| Amount<br>(Mil. N.T. \$) | Shares<br>(%) | Amount<br>(Mil. N.T. \$) | Shares<br>(%) | Amount<br>(Mil. N.T. \$) | Shares<br>(%) | Amount<br>(Mil. N.T. \$) | Shares<br>(%) | Amount<br>(Mil. N.T. \$) | Shares<br>(%) |
| 302 278                  | 62.0          | 184 975                  | 38.0          | - 32 792                 | - 7.2         | 132 878                  | 30.5          | - 165 670                | - 89.6        |
| 334 612                  | 68.3          | 155 282                  | 31.7          | - 28 778                 | - 6.2         | 113 681                  | 25.4          | - 142 459                | - 91.7        |
| 342 524                  | 67.7          | 163 699                  | 32.3          | 9 690                    | 1.9           | 160 496                  | 31.9          | - 150 809                | - 92.1        |
| 382 713                  | 70.1          | 163 625                  | 29.9          | - 3 735                  | - 0.7         | 148 362                  | 27.9          | - 152 098                | - 93.0        |
| 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        |
| ①1 649 952               | 76.9          | ① 495 042                | 23.1          | ①- 357 075               | - 20.0        | ① 56 651                 | 3.3           | ①- 413 726               | - 83.6        |
| 1 696 129                | 76.9          | 510 094                  | 23.1          | - 358 024                | - 19.4        | 61 086                   | 3.5           | - 419 110                | - 82.2        |
| ①1 700 588               | 76.0          | 538 315                  | 24.0          | ①- 267 256               | - 13.6        | ① 165 023                | 8.8           | - 432 279                | - 80.3        |
| ①1 721 521               | 74.5          | ① 589 235                | ① 25.5        | ①- 193 157               | ① - 9.1       | ① 295 625                | ① 14.7        | ①- 488 782               | ① - 83.0      |
| 1 758 459                | 77.7          | 503 499                  | 22.3          | - 89 522                 | - 4.1         | 320 868                  | 15.4          | - 410 389                | - 81.5        |

Table 137. Net revenues and

B. By current

| Items  | FY 1983 | FY 1984 | FY 1985 | FY 1986 |
|--|---------|---------|---------|---------|
| Net revenues, total                              | 461 117 | 515 913 | 542 603 | 584 838 |
| Current revenue                                  | 448 294 | 503 021 | 531 075 | 566 944 |
| Revenues from taxes and monopoly                 | 342 379 | 383 364 | 394 846 | 401 800 |
| Monopoly revenue                                 | 39 901  | 40 152  | 41 738  | 44 824  |
| Profits of public properties                     | 2 650   | 2 240   | 2 070   | 2 436   |
| Income from public enterprise                    | 60 486  | 63 022  | 76 779  | 99 646  |
| Fees   | 13 174  | 15 819  | 16 267  | 16 859  |
| Fines and indemnities                            | 7 922   | 9 871   | 11 497  | 12 018  |
| Donations and contributions                      | 505     | 581     | 565     | 364     |
| Special assessments                              | 1 867   | 2 256   | 2 146   | 2 379   |
| Miscellaneous revenues                           | 19 311  | 25 868  | 26 905  | 31 442  |
| Capital revenue                                  | 12 823  | 12 890  | 11 527  | 17 895  |
| Sales of public properties                       | 12 558  | 10 088  | 10 768  | 12 299  |
| Return of capitals                               | 240     | 2 777   | 744     | 5 596   |
| Value increment of properties                    | 25      | 25      | 16      | -       |
| Revenue from others                              | -       | -       | -       | -       |
| Net expenditures, total                          | 489 894 | 506 224 | 546 338 | 616 718 |
| Current expenditure                              | 334 612 | 342 524 | 382 713 | 434 112 |
| Capital expenditure                              | 155 282 | 163 699 | 163 625 | 182 606 |
| General administration                           | 54 480  | 53 648  | 61 968  | 70 077  |
| Current expenditure                              | 45 732  | 49 172  | 54 913  | 62 557  |
| Capital expenditure                              | 8 748   | 4 476   | 7 055   | 7 519   |
| Nation defense                                   | 134 155 | 123 418 | 135 243 | 153 588 |
| Current expenditure                              | 126 207 | 117 751 | 130 345 | 147 431 |
| Capital expenditure                              | 7 949   | 5 667   | 4 897   | 6 156   |
| Education science and culture                    | 96 267  | 98 564  | 111 522 | 129 018 |
| Current expenditure                              | 69 168  | 73 057  | 82 697  | 94 961  |
| Capital expenditure                              | 27 098  | 25 506  | 28 825  | 34 058  |
| Economic development                             | 121 184 | 138 613 | 138 021 | 154 534 |
| Current expenditure                              | 24 297  | 24 591  | 29 718  | 37 769  |
| Capital expenditure                              | 96 886  | 114 022 | 108 303 | 116 765 |
| Social welfare                                   | 32 518  | 33 911  | 34 279  | 40 591  |
| Current expenditure                              | 26 090  | 28 636  | 29 010  | 32 788  |
| Capital expenditure                              | 6 429   | 5 275   | 5 270   | 7 803   |
| Community development & environmental protection | 12 334  | 13 188  | 14 001  | 15 786  |
| Current expenditure                              | 4 317   | 4 616   | 4 901   | 5 525   |
| Capital expenditure                              | 8 017   | 8 572   | 9 101   | 10 261  |
| Pension & survivors' benefits                    | 30 936  | 34 863  | 40 462  | 42 888  |
| Current expenditure                              | 30 936  | 34 863  | 40 462  | 42 888  |
| Capital expenditure                              | -       | -       | -       | -       |
| Obligations                                      | 4 197   | 5 657   | 6 032   | 5 394   |
| Current expenditure                              | 4 197   | 5 657   | 6 032   | 5 394   |
| Miscellaneous expenditure                        | 3 823   | 4 363   | 4 809   | 4 841   |
| Current expenditure                              | 3 668   | 4 181   | 4 635   | 4 798   |
| Capital expenditure                              | 155     | 181     | 174     | 43      |

## expenditures of general government (continued)

and capital

Millions of N.T. Dollars

| FY 1987 | FY 1988 | FY 1989   | FY 1990   | FY 1991   | FY 1992   | FY 1993   | FY 1994   |
|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| 650 203 | 765 439 | 921 575   | 1 092 401 | 1 049 931 | 1 257 568 | 1 416 334 | 1 502 754 |
| 629 488 | 737 872 | 890 664   | 1 053 410 | 997 536   | 1 218 653 | 1 352 986 | 1 441 922 |
| 461 455 | 558 046 | 677 418   | 847 733   | 808 621   | 967 624   | 1 045 496 | 1 127 481 |
| 46 137  | 46 409  | 47 666    | 52 921    | 60 113    | 58 513    | 62 109    | 64 703    |
| 2 135   | 3 024   | 3 886     | 3 916     | 5 949     | 7 582     | 17 290    | 11 854    |
| 102 626 | 111 727 | 128 210   | 121 418   | 94 835    | 141 045   | 166 471   | 184 914   |
| 18 917  | 22 087  | 24 863    | 25 364    | 23 846    | 34 403    | 51 123    | 44 194    |
| 10 841  | 8 179   | 9 770     | 11 467    | 13 815    | 18 757    | 21 760    | 25 383    |
| 470     | 476     | 442       | 584       | 620       | 1 016     | 1 051     | 425       |
| 1 876   | 1 190   | 1 190     | 1 488     | 895       | 1 311     | 1 455     | 860       |
| 31 167  | 33 143  | 44 885    | 41 441    | 48 955    | 46 915    | 48 339    | 46 811    |
| 20 715  | 27 567  | 30 911    | 38 991    | 52 395    | 38 915    | 63 348    | 60 832    |
| 20 341  | 26 557  | 25 500    | 36 532    | 37 511    | 38 088    | 41 039    | 34 911    |
| 374     | 1 010   | 5 402     | 2 457     | 14 655    | 828       | 22 309    | 25 921    |
| -       | -       | 9         | 2         | 229       | -         | -         | -         |
| -       | -       | -         | -         | -         | -         | -         | -         |
| 641 911 | 726 468 | 1 207 351 | 1 097 518 | 1 275 613 | 1 561 930 | 1 756 306 | 1 826 367 |
| 443 239 | 485 901 | 577 967   | 702 812   | 823 188   | 919 058   | 1 025 405 | 1 163 298 |
| 198 672 | 240 567 | 629 384   | 394 706   | 452 425   | 642 872   | 730 902   | 663 069   |
| 72 074  | 80 222  | 97 299    | 125 786   | 153 278   | 198 348   | 208 961   | 216 069   |
| 63 721  | 70 069  | 79 513    | 102 714   | 126 104   | 156 900   | 170 915   | 186 284   |
| 8 353   | 10 154  | 17 786    | 23 073    | 27 174    | 41 448    | 38 046    | 29 785    |
| 148 798 | 160 375 | 187 908   | 210 974   | 227 099   | 239 398   | 253 511   | 321 821   |
| 141 637 | 147 759 | 177 805   | 202 347   | 219 436   | 224 357   | 243 328   | 305 185   |
| 7 162   | 12 615  | 10 103    | 8 627     | 7 663     | 15 041    | 10 182    | 16 636    |
| 133 700 | 147 183 | 205 001   | 227 271   | 288 077   | 324 834   | 350 351   | 382 197   |
| 100 599 | 109 510 | 128 254   | 155 812   | 184 695   | 207 284   | 222 617   | 247 170   |
| 33 101  | 37 673  | 76 747    | 71 460    | 103 382   | 117 550   | 127 733   | 135 027   |
| 171 364 | 192 406 | 541 385   | 302 281   | 322 087   | 461 821   | 545 651   | 468 080   |
| 36 606  | 37 035  | 50 538    | 49 178    | 49 334    | 62 831    | 69 437    | 71 578    |
| 134 758 | 155 370 | 490 847   | 253 103   | 272 753   | 398 990   | 476 214   | 396 502   |
| 37 085  | 55 169  | 65 488    | 96 207    | 117 772   | 135 040   | 145 759   | 158 523   |
| 34 222  | 44 737  | 49 906    | 77 866    | 97 990    | 110 831   | 117 892   | 129 412   |
| 2 863   | 10 433  | 15 583    | 18 341    | 19 782    | 24 209    | 27 867    | 29 112    |
| 18 266  | 21 883  | 26 104    | 31 248    | 33 089    | 63 042    | 72 163    | 81 543    |
| 6 393   | 7 686   | 9 136     | 11 282    | 12 733    | 17 407    | 22 912    | 26 305    |
| 11 873  | 14 197  | 16 967    | 19 966    | 20 356    | 45 635    | 49 251    | 55 239    |
| 47 724  | 55 242  | 61 983    | 76 246    | 88 320    | 94 975    | 102 076   | 111 237   |
| 47 724  | 55 242  | 61 983    | 76 246    | 88 320    | 94 975    | 102 076   | 111 237   |
| -       | -       | -         | -         | -         | -         | -         | -         |
| 6 989   | 8 000   | 10 701    | 16 755    | 33 398    | 33 936    | 63 894    | 75 179    |
| 6 989   | 8 000   | 10 701    | 16 755    | 33 398    | 33 936    | 63 894    | 75 179    |
| 5 911   | 5 988   | 11 483    | 10 749    | 12 492    | 10 537    | 13 941    | 11 717    |
| 5 348   | 5 862   | 10 132    | 10 611    | 11 177    | 10 537    | 12 334    | 10 948    |
| 563     | 126     | 1 351     | 137       | 1 315     | -         | 1 607     | 769       |

Table 137. Net revenues and

B. By current

| Items  | FY 1995   | FY 1996   | FY 1997   | FY 1998   |
|--|-----------|-----------|-----------|-----------|
| Net revenues, total                              | 1 559 429 | 1 604 184 | 1 704 759 | 2 053 458 |
| Current revenue                                  | 1 522 624 | 1 550 943 | 1 629 420 | 1 960 620 |
| Revenues from taxes and monopoly                 | 1 232 264 | 1 197 797 | 1 271 453 | 1 397 052 |
| Monopoly revenue                                 | 61 408    | 55 959    | 58 179    | 57 448    |
| Profit of public properties                      | 14 824    | 16 346    | 19 570    | 41 483    |
| Income from public enterprise                    | 141 956   | 181 094   | 180 797   | 361 574   |
| Fees   | 58 913    | 59 939    | 65 894    | 68 946    |
| Fines and indemnities                            | 28 391    | 31 918    | 32 557    | 38 140    |
| Donations and contributions                      | 769       | 875       | 1 492     | 1 644     |
| Special assessments                              | 587       | 666       | 645       | 220       |
| Miscellaneous revenues                           | 44 920    | 62 309    | 57 013    | 51 561    |
| Capital revenue                                  | 36 805    | 53 241    | 75 338    | 92 838    |
| Sales of public properties                       | 26 202    | 40 221    | 67 179    | 45 630    |
| Return of capitals                               | 10 603    | 13 019    | 8 159     | 47 208    |
| Value increment of properties                    | -         | -         | -         | -         |
| Revenues from others                             | -         | -         | -         | -         |
| Net expenditures, total                          | 1 910 066 | 1 843 786 | 1 878 764 | 1 992 593 |
| Current expenditure                              | 1 328 425 | 1 383 725 | 1 463 449 | 1 545 052 |
| Capital expenditure                              | 581 641   | 460 061   | 415 315   | 447 542   |
| General administration                           | 222 403   | 243 973   | 244 757   | 257 265   |
| Current expenditure                              | 196 271   | 216 466   | 217 772   | 232 114   |
| Capital expenditure                              | 26 132    | 27 507    | 26 985    | 25 151    |
| Nation defense                                   | 269 960   | 284 926   | 291 920   | 312 286   |
| Current expenditure                              | 257 047   | 272 808   | 278 778   | 299 738   |
| Capital expenditure                              | 12 912    | 12 118    | 13 141    | 12 548    |
| Education science and culture                    | 357 487   | 374 401   | 375 822   | 411 513   |
| Current expenditure                              | 259 894   | 279 647   | 284 604   | 324 227   |
| Capital expenditure                              | 97 593    | 94 754    | 91 218    | 87 286    |
| Economic development                             | 438 152   | 329 135   | 295 035   | 335 012   |
| Current expenditure                              | 71 795    | 71 888    | 76 143    | 74 766    |
| Capital expenditure                              | 366 357   | 257 246   | 218 893   | 260 246   |
| Social welfare                                   | 231 766   | 290 002   | 294 982   | 282 767   |
| Current expenditure                              | 191 669   | 259 988   | 267 251   | 259 968   |
| Capital expenditure                              | 40 096    | 30 015    | 27 731    | 22 798    |
| Community development & environmental protection | 65 309    | 68 035    | 68 614    | 74 850    |
| Current expenditure                              | 26 774    | 29 665    | 31 299    | 35 363    |
| Capital expenditure                              | 38 534    | 38 370    | 37 315    | 39 487    |
| Pension & survivors' benefits                    | 118 121   | 137 118   | 179 723   | 187 673   |
| Current expenditure                              | 118 120   | 137 091   | 179 711   | 187 662   |
| Capital expenditure                              | 1         | 27        | 11        | 11        |
| Obligations                                      | 194 890   | 106 061   | 115 630   | 115 896   |
| Current expenditure                              | 194 890   | 106 061   | 115 630   | 115 896   |
| Miscellaneous expenditure                        | 11 978    | 10 135    | 12 280    | 15 331    |
| Current expenditure                              | 11 964    | 10 110    | 12 260    | 15 317    |
| Capital expenditure                              | 14        | 25        | 20        | 14        |



## expenditures of general government (continued)

and capital

Millions of N.T. Dollars

| FY 1999   | FY 2000   | FY 2001   | FY 2002    | FY 2003   | FY 2004    | FY 2005    | FY 2006   |
|-----------|-----------|-----------|------------|-----------|------------|------------|-----------|
| 2 004 394 | 2 784 863 | 1 896 841 | ①1 787 919 | 1 848 199 | 1 971 648  | ①2 117 598 | 2 172 436 |
| 1 867 081 | 2 679 563 | 1 809 035 | 1 706 662  | 1 757 216 | 1 865 612  | ①2 017 146 | 2 079 327 |
| 1 355 062 | 1 929 767 | 1 257 841 | 1 191 220  | 1 220 116 | 1 353 410  | 1 531 297  | 1 556 652 |
| 55 322    | 77 316    | 57 563    | 346        | -         | -          | -          | -         |
| 25 416    | 26 555    | 20 319    | ① 12 943   | 12 592    | 14 376     | 13 305     | 14 429    |
| 324 851   | 458 420   | 346 581   | ① 260 869  | 340 103   | 306 699    | 281 568    | 309 649   |
| 67 179    | 112 252   | 76 932    | ① 125 261  | 76 444    | 85 286     | 88 860     | 91 114    |
| 38 705    | 59 704    | 41 996    | 44 835     | 43 748    | 42 899     | 43 489     | 42 652    |
| 1 508     | 2 749     | 3 748     | 2 053      | 5 109     | 5 482      | 5 809      | 6 952     |
| 135       | 267       | 150       | 167        | 143       | 112        | 122        | 146       |
| 54 225    | 89 849    | 61 469    | 69 249     | 58 961    | 57 348     | 52 697     | 57 733    |
| 137 313   | 105 299   | 87 805    | 81 317     | 90 983    | 106 036    | ① 100 453  | 93 110    |
| 63 187    | 47 019    | 38 018    | ① 29 397   | ① 47 477  | ① 71 397   | ① 80 772   | 68 508    |
| 74 115    | 58 280    | 49 744    | ① 51 920   | ① 43 506  | ① 34 639   | 19 680     | 24 523    |
| 11        | -         | -         | -          | -         | -          | -          | -         |
| -         | -         | 43        | -          | -         | -          | -          | 79        |
| 2 050 004 | 3 140 936 | 2 271 755 | ①2 144 994 | 2 206 223 | ①2 238 904 | ①2 310 755 | 2 261 958 |
| 1 554 405 | 2 529 683 | 1 771 630 | ①1 649 952 | 1 696 129 | ①1 700 588 | ①1 721 521 | 1 758 459 |
| 495 598   | 611 253   | 500 125   | ① 495 042  | 510 094   | 538 315    | 589 235    | 503 499   |
| 279 113   | 468 033   | 328 736   | ① 325 815  | 331 505   | ① 334 133  | ① 343 048  | 345 995   |
| 244 013   | 411 607   | 300 120   | ① 297 248  | 297 474   | ① 300 906  | ① 309 538  | 313 441   |
| 35 099    | 56 426    | 28 616    | 28 566     | 34 031    | 33 227     | ① 33 510   | 32 554    |
| 286 571   | 357 757   | 247 597   | 225 243    | 227 740   | 248 910    | 248 547    | 237 093   |
| 272 935   | 344 230   | 239 044   | 217 041    | 220 101   | 239 330    | 236 301    | 223 082   |
| 13 636    | 13 528    | 8 553     | 8 203      | 7 639     | 9 580      | 12 246     | 14 011    |
| 429 127   | 655 109   | 430 078   | ① 437 756  | 461 228   | 461 886    | ① 472 545  | 489 354   |
| 340 309   | 537 519   | 350 664   | ① 353 599  | 361 742   | 374 962    | ① 379 855  | 398 463   |
| 88 818    | 117 590   | 79 414    | ① 84 156   | 99 486    | 86 923     | ① 92 690   | 90 890    |
| 351 103   | 474 895   | 398 792   | ① 405 257  | 404 802   | 425 992    | ① 466 452  | 384 852   |
| 80 194    | 139 053   | 84 754    | 77 070     | 98 453    | 81 043     | ① 76 108   | 78 024    |
| 270 909   | 335 842   | 314 038   | ① 328 187  | 306 349   | 344 949    | ① 390 343  | 306 828   |
| 280 452   | 531 809   | 396 981   | ① 323 615  | 345 148   | 344 503    | ① 353 411  | 368 896   |
| 252 177   | 501 927   | 376 011   | ① 310 445  | 330 431   | 331 398    | ① 340 894  | 357 371   |
| 28 275    | 29 882    | 20 970    | ① 13 169   | 14 717    | 13 105     | ① 12 517   | 11 525    |
| 90 310    | 106 102   | 109 597   | ① 71 702   | 91 075    | 90 152     | ① 87 455   | 87 951    |
| 31 510    | 48 428    | 61 621    | ① 40 875   | 43 632    | 41 133     | ① 41 455   | 40 977    |
| 58 801    | 57 674    | 47 976    | ① 30 827   | 47 442    | 49 019     | ① 46 000   | 46 974    |
| 180 582   | 265 079   | 175 722   | ① 170 988  | 173 413   | 179 874    | 191 323    | 196 863   |
| 180 568   | 265 070   | 175 713   | ① 170 981  | 173 395   | 179 866    | 191 315    | 196 857   |
| 14        | 10        | 10        | 8          | 18        | 8          | 8          | 6         |
| 140 910   | 270 252   | 171 565   | 170 966    | 159 330   | 139 461    | 132 661    | 138 497   |
| 140 910   | 270 252   | 171 565   | 170 966    | 159 330   | 139 461    | 132 661    | 138 497   |
| 11 836    | 11 900    | 12 687    | 13 652     | 11 982    | 13 993     | 15 315     | 12 458    |
| 11 789    | 11 597    | 12 138    | 11 726     | 11 571    | 12 489     | 13 394     | 11 747    |
| 46        | 303       | 548       | 1 926      | 411       | 1 504      | 1 921      | 711       |

Table 138. Total tax

| Items                                   | FY 1978 | FY 1979 | FY 1980 | FY 1981 | FY 1982 | FY 1983 |
|---|---------|---------|---------|---------|---------|---------|
| Total                                   | 168 194 | 220 521 | 261 349 | 315 049 | 338 090 | 342 379 |
| Taxes                                   | 149 048 | 199 345 | 237 187 | 281 087 | 300 496 | 302 478 |
| National taxes                          | 98 617  | 131 750 | 155 462 | 180 106 | 172 531 | 171 793 |
| Customs duties                          | 40 027  | 53 597  | 57 003  | 57 781  | 56 323  | 55 570  |
| Salt tax                                | -       | -       | -       | -       | -       | -       |
| Mining lot tax                          | 6       | 14      | 24      | 26      | 22      | 24      |
| Income tax                              | 27 349  | 35 694  | 45 052  | 58 147  | 65 542  | 65 016  |
| Business income tax                     | 16 493  | 21 816  | 26 241  | 31 531  | 33 411  | 28 994  |
| Individual income tax                   | 10 856  | 13 879  | 18 811  | 26 616  | 32 131  | 36 022  |
| Estate and gift tax                     | 598     | 884     | 1 087   | 1 690   | 1 930   | 2 094   |
| Commodity tax                           | 23 967  | 32 761  | 41 678  | 49 202  | 48 195  | 48 171  |
| Tobacco and alcohol tax                 | -       | -       | -       | -       | -       | -       |
| Stamp tax                               | 6 269   | 8 022   | 10 180  | 12 567  | -       | -       |
| Business tax                            | -       | -       | -       | -       | -       | -       |
| Security transactions tax               | 402     | 778     | 439     | 692     | 519     | 918     |
| Future transactions tax                 | -       | -       | -       | -       | -       | -       |
| Provincial & city taxes                 | 37 580  | 51 903  | 63 537  | 81 176  | 62 170  | 63 880  |
| Land tax                                | 15 732  | 24 087  | 26 999  | 35 877  | -       | -       |
| Agricultural land tax                   | 1 401   | 867     | 908     | 1 086   | -       | -       |
| Land value tax                          | 5 053   | 9 257   | 10 388  | 10 524  | -       | -       |
| Land value increment tax                | 9 278   | 13 963  | 15 704  | 24 266  | -       | -       |
| Business tax                            | 12 137  | 15 669  | 20 543  | 26 638  | 30 183  | 31 486  |
| Stamp tax                               | -       | -       | -       | -       | 13 224  | 13 723  |
| Vehicle license tax                     | 1 768   | 2 195   | 4 586   | 5 445   | 6 105   | 6 582   |
| Harbour construction dues               | 7 942   | 9 952   | 11 409  | 13 216  | 12 658  | 12 089  |
| Prefectural & municipal taxes           | 12 852  | 15 692  | 18 187  | 19 805  | 65 795  | 66 805  |
| Land tax                                | -       | -       | -       | -       | 41 143  | 41 051  |
| Agricultural land tax                   | -       | -       | -       | -       | 1 160   | 1 318   |
| Land value tax                          | -       | -       | -       | -       | 10 509  | 10 664  |
| Land value increment tax                | -       | -       | -       | -       | 29 473  | 29 069  |
| House tax                               | 5 185   | 6 550   | 7 733   | 10 740  | 14 267  | 16 075  |
| Vehicle license tax                     | -       | -       | -       | -       | -       | -       |
| Deeds tax                               | 2 887   | 3 654   | 4 201   | 4 458   | 5 447   | 4 990   |
| Stamp tax                               | -       | -       | -       | -       | -       | -       |
| Amusement tax                           | 725     | 918     | 1 098   | 1 255   | 1 432   | 1 453   |
| Slaughter tax                           | 3 139   | 3 438   | 3 780   | 3 331   | 3 506   | 3 236   |
| Feast tax                               | 916     | 1 132   | 1 375   | 21      | -       | -       |
| Monopoly revenues                       | 19 145  | 21 176  | 24 162  | 33 963  | 37 594  | 39 901  |
| Financial enterprises business tax      | -       | -       | -       | -       | -       | -       |
| Health and welfare surcharge on tobacco | -       | -       | -       | -       | -       | -       |

Note : <sup>1</sup> Surtaxes and temporary taxes are included.

<sup>2</sup> Taxes revenues of Kinmen Hsien & Lienchiang Hsien was included since FY 1993.

<sup>3</sup> Due to the amendment of Budget law ,FY 2000 covers 18 months starting from Jul. 1999 to Dec. 2000



Table 138. Total tax

| Items                                   | FY 1993   | FY 1994   | FY 1995   | FY 1996   | FY 1997   | FY 1998   |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| Total                                   | 1 045 496 | 1 127 481 | 1 232 264 | 1 197 797 | 1 271 453 | 1 397 052 |
| Taxes                                   | 983 387   | 1 062 778 | 1 170 856 | 1 141 838 | 1 213 274 | 1 339 605 |
| National taxes                          | 515 165   | 571 481   | 662 201   | 661 414   | 706 200   | 808 298   |
| Customs duties                          | 99 928    | 102 941   | 115 366   | 104 806   | 103 406   | 114 331   |
| Salt tax                                | -         | -         | -         | -         | -         | -         |
| Mining lot tax                          | 15        | 14        | 13        | 12        | 14        | 11        |
| Income tax                              | 237 618   | 266 020   | 319 384   | 343 550   | 352 890   | 398 390   |
| Business income tax                     | 106 695   | 115 277   | 146 783   | 148 444   | 146 591   | 163 355   |
| Individual income tax                   | 130 923   | 150 744   | 172 601   | 195 106   | 206 300   | 235 036   |
| Estate and gift tax                     | 13 178    | 19 292    | 21 458    | 24 453    | 24 326    | 25 519    |
| Commodity tax                           | 136 499   | 143 791   | 156 757   | 154 673   | 146 445   | 150 363   |
| Tobacco and wine tax                    | -         | -         | -         | -         | -         | -         |
| Stamp tax                               | -         | -         | -         | -         | -         | -         |
| Business tax                            | -         | -         | -         | -         | -         | -         |
| Security transactions tax               | 27 927    | 39 422    | 49 223    | 33 920    | 79 118    | 119 683   |
| Future transactions tax                 | -         | -         | -         | -         | -         | -         |
| Provincial & city taxes                 | 198 925   | 229 363   | 251 431   | 260 122   | 269 275   | 293 087   |
| Land tax                                | -         | -         | -         | -         | -         | -         |
| Agricultural land tax                   | -         | -         | -         | -         | -         | -         |
| Land value tax                          | -         | -         | -         | -         | -         | -         |
| Land value increment tax                | -         | -         | -         | -         | -         | -         |
| Business tax                            | 168 973   | 196 098   | 214 248   | 216 837   | 223 450   | 243 998   |
| Stamp tax                               | 5 483     | 6 178     | 6 737     | 6 917     | 6 755     | 7 094     |
| Vehicle license tax                     | 24 470    | 27 087    | 30 446    | 36 367    | 39 070    | 41 996    |
| Harbour construction dues               | -         | -         | -         | -         | -         | -         |
| Prefectural & municipal taxes           | 269 297   | 261 934   | 257 223   | 220 302   | 237 798   | 238 220   |
| Land tax                                | 222 039   | 206 379   | 193 615   | 158 134   | 174 783   | 173 803   |
| Agricultural land tax                   | 1         | 0         | 0         | 1         | 0         | 0         |
| Land value tax                          | 35 208    | 35 272    | 38 261    | 42 361    | 42 291    | 45 315    |
| Land value increment tax                | 186 830   | 171 107   | 155 354   | 115 772   | 132 492   | 128 488   |
| House tax                               | 32 795    | 36 776    | 40 200    | 42 946    | 45 852    | 48 302    |
| Vehicle license tax                     | -         | -         | -         | -         | -         | -         |
| Deeds tax                               | 13 395    | 17 497    | 21 829    | 17 370    | 15 509    | 14 346    |
| Stamp tax                               | -         | -         | -         | -         | -         | -         |
| Amusement tax                           | 1 068     | 1 282     | 1 579     | 1 851     | 1 655     | 1 769     |
| Slaughter tax                           | -         | -         | -         | -         | -         | -         |
| Monopoly revenues                       | 62 109    | 64 703    | 61 408    | 55 959    | 58 179    | 57 448    |
| Financial enterprises business tax      | -         | -         | -         | -         | -         | -         |
| Health and welfare surcharge on tobacco | -         | -         | -         | -         | -         | -         |

## revenues (continued)

Millions of N.T. Dollars

| FY 1999   | FY 2000   | FY 2001   | FY 2002   | FY 2003   | FY 2004   | FY 2005   | FY 2006   | FY 2007   |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 355 062 | 1 929 767 | 1 257 841 | 1 225 601 | 1 252 766 | 1 387 300 | 1 567 396 | 1 600 804 | 1 612 351 |
| 1 299 740 | 1 852 451 | 1 200 278 | 1 190 874 | 1 220 116 | 1 353 410 | 1 531 297 | 1 556 652 | 1 567 027 |
| 788 392   | 1 513 155 | 997 266   | 981 610   | 991 380   | 1 097 710 | 1 269 563 | 1 295 680 | 1 316 029 |
| 103 045   | 156 815   | 92 558    | 85 901    | 82 783    | 78 885    | 82 374    | 79 567    | 87 600    |
| -         | -         | -         | -         | -         | -         | -         | -         | -         |
| 11        | 15        | 9         | 10        | 10        | 4         | 1         | 0         | -         |
| 432 389   | 610 580   | 478 636   | 392 939   | 411 087   | 455 914   | 625 807   | 646 218   | 653 228   |
| 194 251   | 307 035   | 233 678   | 165 759   | 213 683   | 241 089   | 329 357   | 311 888   | 343 894   |
| 238 138   | 303 545   | 244 958   | 227 180   | 197 404   | 214 825   | 296 450   | 334 330   | 309 333   |
| 21 568    | 39 135    | 22 710    | 23 537    | 30 106    | 29 048    | 30 451    | 28 694    | 27 954    |
| 145 497   | 219 425   | 133 883   | 143 641   | 146 012   | 159 644   | 168 411   | 159 201   | 164 000   |
| -         | -         | -         | 41 188    | 49 773    | 48 336    | 50 443    | 51 042    | 51 000    |
| -         | -         | -         | -         | -         | -         | -         | -         | -         |
| -         | 324 410   | 203 707   | 214 735   | 197 521   | 233 460   | 237 531   | 236 931   | 240 359   |
| 84 677    | 160 292   | 63 899    | 76 794    | 69 283    | 84 148    | 68 204    | 89 954    | 85 120    |
| 1 204     | 2 484     | 1 862     | 2 864     | 4 806     | 8 272     | 6 342     | 4 072     | 6 768     |
| 302 397   | -         | -         | -         | -         | -         | -         | -         | -         |
| -         | -         | -         | -         | -         | -         | -         | -         | -         |
| -         | -         | -         | -         | -         | -         | -         | -         | -         |
| -         | -         | -         | -         | -         | -         | -         | -         | -         |
| -         | -         | -         | -         | -         | -         | -         | -         | -         |
| 251 782   | -         | -         | -         | -         | -         | -         | -         | -         |
| 7 399     | -         | -         | -         | -         | -         | -         | -         | -         |
| 43 216    | -         | -         | -         | -         | -         | -         | -         | -         |
| -         | -         | -         | -         | -         | -         | -         | -         | -         |
| 208 951   | 339 296   | 203 012   | 209 264   | 228 736   | 255 699   | 261 734   | 260 971   | 250 998   |
| 148 313   | 215 533   | 93 182    | 98 069    | 111 803   | 133 893   | 135 370   | 131 208   | 122 976   |
| -         | -         | -         | -         | -         | -         | -         | -         | -         |
| 46 853    | 92 039    | 50 920    | 50 169    | 50 762    | 52 617    | 53 706    | 54 660    | 53 878    |
| 101 460   | 123 494   | 42 262    | 47 900    | 61 041    | 81 276    | 81 664    | 76 547    | 69 098    |
| 45 852    | 48 516    | 48 080    | 46 487    | 48 029    | 49 331    | 50 886    | 52 501    | 51 875    |
| -         | 46 689    | 44 688    | 45 886    | 47 765    | 49 904    | 51 863    | 52 548    | 54 185    |
| 13 096    | 15 267    | 8 492     | 10 261    | 11 600    | 12 937    | 13 178    | 14 014    | 11 812    |
| -         | 11 032    | 7 036     | 6 911     | 7 786     | 7 771     | 8 458     | 8 714     | 8 379     |
| 1 690     | 2 260     | 1 534     | 1 650     | 1 753     | 1 863     | 1 979     | 1 987     | 1 770     |
| -         | -         | -         | -         | -         | -         | -         | -         | -         |
| 55 322    | 77 316    | 57 563    | 346       | -         | -         | -         | -         | -         |
| -         | -         | -         | 26 083    | 22 433    | 24 230    | 25 712    | 26 644    | 25 800    |
| -         | -         | -         | 8 298     | 10 217    | 9 661     | 10 387    | 17 508    | 19 524    |

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## FINANCE

This chapter is concerned with all sort of financial statistics and international balance of payments data, all sourced from the Central Bank of China. Information on money supply, exchange rates, interest rates, government bonds, currency in circulation, and balance sheets of financial institutions comes from the *Financial Statistics Monthly, the Republic of China*, which is based on the monthly reports submitted by the financial institutions. Data on foreign exchange reserves are obtained from the *Financial Statistics, Taiwan District, Republic of China*.

The financial institutions refer to business firms registered according to law with the competent authorities to engage in banking and financial business. They can be classified into two categories, i.e., monetary institutions which are capable of creating money supply and other financial institutions which are incapable of creating money supply. The monetary institutions include the Central Bank of China, domestic banks, local branches of foreign banks, medium business banks, credit cooperatives, credit departments of farmers' and fishermen's associations. With the exception of the Central Bank of China, all of the monetary institutions are also called the deposit money institutions. The other financial institutions include trust and investment companies, postal savings system, 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.

Net Currency in Circulation -- It refers to the currency circulating outside the monetary institutions. In other words, the net currency in circulation equals the total amount of currency issued by the Central Bank of China minus the amount of cash in vaults by the monetary institutions.

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 the data of Jan. 1994 on, it also includes repurchase agreements and non-resident NT deposits. From the data of Oct. 2004 on, it also includes money market mutual funds.

Reserve Money -- It is a kind of monetary liability of the Central Bank of China, including reserves held by deposit money banks, postal saving system (since 1982) and currency outside monetary institutions.

Money Supply ( $M_{1b}$ ) -- It is composed of net currency in circulation, deposit money and postal saving system (since 1987).

Liquid Liabilities -- It includes currency outside financial institutions, deposits, trust funds, life insurance reserves, bank debentures, savings bonds and treasury bills issued by CBC held by enterprises and individuals.

**Table 139. Exchange rates, money supply and reserve money**

| End of Year | Exchange rates <sup>1</sup><br>(N.T. Dollars per U.S. Dollar) |         | Money supply (M <sub>1B</sub> )<br>(100 Millions of N.T. \$) | Reserve money<br>(100 Millions of N.T. \$) |
|-------------|---|---------|--|--|
|             | Buying  | Selling |  |  |
| 1978        | 35.95   | 36.05   | 3 002  | 1 649                                      |
| 1979        | 35.98   | 36.08   | 3 234  | 1 684                                      |
| 1980        | 35.96   | 36.06   | 3 969  | 1 965                                      |
| 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                                     |

Note : <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.



**Table 140. International liquidity**

| End of Year | International reserves minus gold<br>(Millions of U.S. Dollars) |                  | Gold reserves            |                           |
|-------------|---|------------------|--------------------------|---------------------------|
|             | Total   | Foreign exchange | Millions of U.S. Dollars | Millions fine troy ounces |
| 1978        | 1 406   | 1 406            | ...                      | 2.411                     |
| 1979        | 1 392   | 1 392            | ...                      | 2.413                     |
| 1980        | 2 205   | 2 205            | ...                      | 3.188                     |
| 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                    |

Table 141. Rates of

| Effective date of change | Discount | Accommodations with collateral | Accommodations without collateral | Accommodations in foreign currencies <sup>1</sup> | Accommodations for export financing (N.T. Dollars) |
|--------------------------|----------|--------------------------------|-----------------------------------|---|--|
| July 15 1991             | 7.375    | 8.375                          | 11.625                            | 8.125   | 7.375  |
| Sep. 10 1991             | 6.875    | 7.875                          | 11.125                            | 7.625   | 6.875  |
| Sep. 21 1991             | 6.625    | 7.625                          | 10.875                            | 7.375   | 6.625  |
| Nov. 18 1991             | 6.250    | 7.250                          | 10.500                            | 7.000   | 6.250  |
| Jan. 9 1992              | 5.875    | 6.875                          | 10.125                            | 6.625   | 5.875  |
| May 9 1992               | 6.125    | 7.125                          | 10.125                            | 6.625   | -  |
| Oct. 5 1992              | 5.625    | 6.625                          | 9.625                             | 6.625   | -  |
| July 30 1993             | 5.625    | 6.125                          | 9.625                             | 6.625   | -  |
| Nov. 5 1993              | 5.500    | 5.875                          | 9.625                             | 6.625   | -  |
| Nov. 24 1994             | 5.500    | 5.875                          | 9.625                             | LIBOR 6M  | -  |
| Feb. 27 1995             | 5.800    | 6.000                          | 9.625                             | LIBOR 6M  | -  |
| July 25 1995             | 5.500    | 5.875                          | 9.625                             | LIBOR 6M  | -  |
| May 24 1996              | 5.250    | 5.625                          | 9.625                             | LIBOR 6M  | -  |
| Aug. 9 1996              | 5.000    | 5.375                          | 9.625                             | LIBOR 6M  | -  |
| Aug. 1 1997              | 5.250    | 5.625                          | 9.625                             | LIBOR 6M  | -  |
| Sep. 29 1998             | 5.125    | 5.500                          | 9.625                             | LIBOR 6M  | -  |
| Nov. 11 1998             | 5.000    | 5.375                          | 9.625                             | LIBOR 6M  | -  |
| Dec. 8 1998              | 4.750    | 5.125                          | 9.625                             | LIBOR 6M  | -  |
| Feb. 2 1999              | 4.500    | 4.875                          | 9.625                             | LIBOR 6M  | -  |
| Mar. 24 2000             | 4.625    | 5.000                          | 9.625                             | LIBOR 6M  | -  |
| June 27 2000             | 4.750    | 5.125                          | 9.625                             | LIBOR 6M  | -  |
| Dec. 29 2000             | 4.625    | 5.000                          | 9.625                             | LIBOR 6M  | -  |
| Feb. 2 2001              | 4.375    | 4.750                          | 9.625                             | LIBOR 6M  | -  |
| Mar. 6 2001              | 4.250    | 4.625                          | 9.625                             | LIBOR 6M  | -  |
| Mar. 30 2001             | 4.125    | 4.500                          | 9.625                             | LIBOR 6M  | -  |
| Apr. 23 2001             | 4.000    | 4.375                          | 9.625                             | LIBOR 6M  | -  |
| May 18 2001              | 3.750    | 4.125                          | 6.000                             | 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.

## the Central Bank of China

Percent per annum

| Effective date<br>of change | Discount | Accommodations<br>with collateral | Accommodations<br>without collateral | Accommodations in<br>foreign currencies | Accommodations<br>for export financing<br>(N.T. Dollars) |
|-----------------------------|----------|-----------------------------------|--------------------------------------|---|--|
| June 29 2001                | 3.500    | 3.875                             | 5.750                                | LIBOR 6M                                | -  |
| Aug. 20 2001                | 3.250    | 3.625                             | 5.500                                | LIBOR 6M                                | -  |
| Sep. 19 2001                | 2.750    | 3.125                             | 5.000                                | LIBOR 6M                                | -  |
| Oct. 4 2001                 | 2.500    | 2.875                             | 4.750                                | LIBOR 6M                                | -  |
| Nov. 8 2001                 | 2.250    | 2.625                             | 4.500                                | LIBOR 6M                                | -  |
| Dec. 28 2001                | 2.125    | 2.500                             | 4.375                                | LIBOR 6M                                | -  |
| June 28 2002                | 1.875    | 2.250                             | 4.125                                | LIBOR 6M                                | -  |
| Nov. 12 2002                | 1.625    | 2.000                             | 3.875                                | LIBOR 6M                                | -  |
| June 27 2003                | 1.375    | 1.750                             | 3.625                                | LIBOR 6M                                | -  |
| Oct. 1 2004                 | 1.625    | 2.000                             | 3.875                                | LIBOR 6M                                | -  |
| Dec. 31 2004                | 1.750    | 2.125                             | 4.000                                | LIBOR 6M                                | -  |
| Mar. 25 2005                | 1.875    | 2.250                             | 4.125                                | LIBOR 6M                                | -  |
| July 1 2005                 | 2.000    | 2.375                             | 4.250                                | LIBOR 6M                                | -  |
| Sep. 16 2005                | 2.125    | 2.500                             | 4.375                                | LIBOR 6M                                | -  |
| Dec. 23 2005                | 2.250    | 2.625                             | 4.500                                | LIBOR 6M                                | -  |
| Mar. 31 2006                | 2.375    | 2.750                             | 4.625                                | LIBOR 6M                                | -  |
| June 30 2006                | 2.500    | 2.875                             | 4.750                                | LIBOR 6M                                | -  |
| Sep. 29 2006                | 2.625    | 3.000                             | 4.875                                | LIBOR 6M                                | -  |
| Dec. 29 2006                | 2.750    | 3.125                             | 5.000                                | LIBOR 6M                                | -  |
| Mar. 30 2007                | 2.875    | 3.250                             | 5.125                                | LIBOR 6M                                | -  |
| June 22 2007                | 3.125    | 3.500                             | 5.375                                | LIBOR 6M                                | -  |
| Sep. 21 2007                | 3.250    | 3.625                             | 5.500                                | LIBOR 6M                                | -  |
| Dec. 21 2007                | 3.375    | 3.750                             | 5.625                                | LIBOR 6M                                | -  |
| Mar. 28 2008                | 3.500    | 3.875                             | 5.750                                | LIBOR 6M                                | -  |

**Table 142. 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 |
| 1992 | 4 271.63                        | 6.88                              | 6.70                                   | 7.12        | 8.30         |
| 1993 | 4 214.78                        | 6.41                              | 7.22                                   | 5.66        | -            |
| 1994 | 6 252.99                        | 6.13                              | 5.81                                   | 6.27        | -            |
| 1995 | 5 543.75                        | 6.19                              | 4.99                                   | 5.97        | -            |
| 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         |

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

**Table 143. Weighted average interest rates on loans**

Percent per annum

| Year | Domestic banks | Local branches of<br>foreign banks | Medium business<br>banks | Credit<br>cooperatives | Credit dept. of<br>farmers' and<br>fishermen's assn. | Investment and<br>trust companies |
|------|----------------|------------------------------------|--------------------------|------------------------|--|-----------------------------------|
| 1992 | 9.17           | 9.64                               | 10.27                    | 10.32                  | 10.14  | 11.33                             |
| 1993 | 9.26           | 9.63                               | 10.29                    | 10.29                  | 10.15  | 11.16                             |
| 1994 | 8.98           | 9.65                               | 10.02                    | 10.07                  | 9.93   | 10.64                             |
| 1995 | 8.88           | 9.61                               | 9.87                     | 9.87                   | 9.74   | 10.15                             |
| 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 | 3.47           | 4.36                               | 3.67                     | 3.59                   | 4.01   | 3.96                              |
| 2005 | 3.50           | 2.88                               | 3.42                     | 3.35                   | 3.51   | 3.69                              |
| 2006 | 3.38           | 2.88                               | 3.20                     | 3.35                   | 3.29   | 3.50                              |
| 2007 | 3.31           | 2.98                               | 3.10                     | 3.39                   | 3.30   | 3.70                              |

**Table 144. Government bonds: issues, redemption and outstanding volumes**

Millions of N.T. Dollars

| End of Year      | Total       | Issued by central government        |           | Issued by provincial government | Issued by municipal government |
|------------------|-------------|-------------------------------------|-----------|---------------------------------|--------------------------------|
|                  |             | Construction bonds of central gov't | Others    |                                 |                                |
| 1980 Outstanding | 18 432      | 9 888                               | 42        | 8 502                           | -                              |
| 1981 Outstanding | 25 722      | 15 896                              | 22        | 9 102                           | 702                            |
| 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 {           | Issues      | 402 151                             | 393 151   |                                 | 9 000                          |
|                  | Redemption  | 267 027                             | 222 460   |                                 | 44 567                         |
|                  | Outstanding | 3 519 847                           | 3 410 030 |                                 | 109 817                        |

Table 145. Consolidated assets and liabilities

| End of year                                | 1997       | 1998       | 1999       | 2000       |
|--|------------|------------|------------|------------|
| Assets (net) = lia. & net worth (net)      | 17 958 827 | 19 605 978 | 21 132 698 | 22 127 455 |
| Assets                                     |            |            |            |            |
| Foreign assets                             | 3 471 027  | 3 724 572  | 4 310 663  | 4 883 389  |
| Loans and discounts                        | 12 505 247 | 13 170 929 | 13 756 193 | 14 424 307 |
| Portfolio investments                      | 1 731 978  | 2 473 012  | 2 804 848  | 2 533 247  |
| Claims on other financial institutions     | 43 209     | 25 268     | 31 598     | 77 182     |
| Real estate investments                    | 46 036     | 45 841     | 45 805     | 45 776     |
| Cash in vaults                             | 161 330    | 166 357    | 183 591    | 163 554    |
| Liabilities & net worth                    |            |            |            |            |
| Foreign liabilities                        | 489 067    | 478 512    | 462 269    | 457 918    |
| Currency issued                            | 684 311    | 694 452    | 806 939    | 708 580    |
| Deposits held by enterprises & individuals | 12 086 151 | 13 333 438 | 14 245 395 | 15 101 903 |
| Government deposits                        | 833 696    | 819 105    | 925 132    | 931 978    |
| Due to other financial institutions        | 2 391 404  | 2 468 200  | 2 824 358  | 2 953 877  |
| Bank debentures issued                     | 68 890     | 92 420     | 97 796     | 91 668     |
| TB, CDS & SB issued by CBC                 | 5 000      | 190 700    | 617 235    | 561 785    |
| Net worth                                  | 1 802 486  | 2 131 915  | 2 105 443  | 2 254 704  |
| Other items (net)                          | - 402 178  | - 602 763  | - 951 869  | - 934 958  |

Table 146. Consolidated assets and liabilities

| End of year                                | 1997       | 1998       | 1999       | 2000       |
|--|------------|------------|------------|------------|
| Assets (net) = lia. & net worth (net)      | 19 867 422 | 21 639 110 | 23 273 898 | 24 760 346 |
| Assets                                     |            |            |            |            |
| Foreign assets                             | 3 541 258  | 3 809 469  | 4 410 769  | 5 005 511  |
| Loans and discounts                        | 13 306 163 | 14 039 819 | 14 658 192 | 15 405 259 |
| Portfolio investments                      | 2 652 281  | 3 398 123  | 3 775 674  | 3 908 897  |
| Real estate investments                    | 192 689    | 209 612    | 232 010    | 258 593    |
| Cash in vaults                             | 175 031    | 182 087    | 197 253    | 182 087    |
| Liabilities & net worth                    |            |            |            |            |
| Foreign liabilities                        | 489 623    | 478 860    | 462 685    | 458 659    |
| Currency issued                            | 684 311    | 694 452    | 806 939    | 708 580    |
| Deposits held by enterprises & individuals | 14 340 367 | 15 624 028 | 16 820 909 | 17 935 389 |
| Government deposits                        | 837 623    | 824 027    | 930 441    | 938 737    |
| Trust funds                                | 356 550    | 351 664    | 379 382    | 496 549    |
| Life insurance reserves                    | 1 565 449  | 1 826 441  | 2 148 445  | 2 492 372  |
| Bank debentures issued                     | 68 890     | 92 420     | 97 796     | 91 668     |
| TB CDS & SB issued by CBC                  | 5 000      | 190 700    | 617 235    | 561 785    |
| Net worth                                  | 2 109 461  | 2 444 174  | 2 350 195  | 2 450 235  |
| Other items (net)                          | - 589 852  | - 887 656  | -1 340 129 | -1 373 628 |

**of monetary institution**

Millions of N.T. Dollars

| 2001       | 2002       | 2003       | 2004       | 2005       | 2006       | 2007       |
|------------|------------|------------|------------|------------|------------|------------|
| 23 112 235 | 24 322 316 | 26 807 506 | 28 763 750 | 30 871 293 | 31 916 973 | 32 800 655 |
| 6 002 790  | 7 319 788  | 8 847 602  | 9 300 710  | 10 434 530 | 10 983 878 | 11 366 747 |
| 14 031 735 | 13 727 077 | 14 323 817 | 15 857 554 | 17 136 590 | 17 561 347 | 18 001 918 |
| 2 830 783  | 3 035 135  | 3 438 211  | 3 401 097  | 3 111 062  | 3 186 894  | 3 230 584  |
| 49 430     | 46 013     | 35 666     | 33 380     | 12 941     | 3 080      | 19 043     |
| 45 623     | 38 539     | 281        | 281        | 281        | 1          | 1          |
| 151 874    | 155 764    | 161 929    | 170 728    | 175 889    | 181 773    | 182 362    |
| 539 787    | 704 089    | 1 133 784  | 1 386 852  | 1 988 576  | 1 913 686  | 1 999 998  |
| 692 912    | 698 460    | 785 164    | 856 951    | 922 910    | 959 792    | 961 715    |
| 15 725 930 | 16 129 129 | 17 111 869 | 18 302 725 | 19 426 561 | 20 295 678 | 20 503 450 |
| 942 423    | 885 621    | 923 788    | 919 153    | 923 826    | 888 248    | 888 972    |
| 3 126 892  | 3 034 020  | 2 993 720  | 2 919 709  | 2 897 003  | 2 834 839  | 3 054 499  |
| 202 611    | 377 303    | 541 227    | 709 051    | 811 192    | 925 915    | 917 393    |
| 953 120    | 1 947 985  | 2 992 365  | 3 562 885  | 3 520 820  | 3 755 930  | 3 460 300  |
| 2 470 401  | 2 537 077  | 2 770 325  | 2 531 923  | 2 722 605  | 2 933 058  | 3 290 268  |
| -1 541 841 | -1 991 368 | -2 444 736 | -2 425 499 | -2 342 200 | -2 590 173 | -2 275 940 |

**of financial institution**

Millions of N.T. Dollars

| 2001       | 2002       | 2003       | 2004       | 2005       | 2006       | 2007       |
|------------|------------|------------|------------|------------|------------|------------|
| 26 215 567 | 28 136 686 | 31 376 125 | 34 327 358 | 37 578 661 | 39 907 623 | 40 814 983 |
| 6 352 383  | 7 871 456  | 9 966 938  | 10 712 940 | 12 382 522 | 13 278 845 | 13 931 345 |
| 15 067 541 | 14 760 107 | 15 328 300 | 16 852 463 | 18 166 221 | 18 709 910 | 19 200 570 |
| 4 358 757  | 5 043 122  | 5 652 047  | 6 316 014  | 6 597 107  | 7 454 517  | 7 187 972  |
| 268 112    | 286 700    | 250 618    | 257 420    | 239 726    | 262 635    | 295 320    |
| 168 775    | 175 301    | 178 222    | 188 521    | 193 085    | 201 716    | 199 776    |
| 540 096    | 704 305    | 1 139 591  | 1 389 579  | 1 988 874  | 1 913 993  | 2 000 275  |
| 692 912    | 698 460    | 785 164    | 856 951    | 922 910    | 959 792    | 961 715    |
| 18 775 362 | 19 190 814 | 20 225 380 | 21 630 202 | 23 088 559 | 24 302 352 | 24 546 195 |
| 949 400    | 890 155    | 929 697    | 925 284    | 931 901    | 901 968    | 932 044    |
| 700 131    | 955 769    | 1 370 028  | 1 586 074  | 1 856 404  | 2 496 023  | 3 420 523  |
| 2 919 504  | 3 494 402  | 4 148 006  | 4 873 543  | 5 704 449  | 6 434 160  | 7 140 109  |
| 202 611    | 377 303    | 541 227    | 709 051    | 811 192    | 925 915    | 917 393    |
| 953 120    | 1 947 985  | 2 992 365  | 3 562 885  | 3 520 820  | 3 755 930  | 3 460 300  |
| 2 681 307  | 2 721 955  | 3 055 453  | 2 845 363  | 3 058 598  | 3 515 992  | 3 802 650  |
| -2 198 876 | -2 844 462 | -3 810 786 | -4 051 574 | -4 305 046 | -5 298 502 | -6 366 221 |

Table 147. Number

| End of Year | Domestic general banks |               | Local branches of<br>foreign banks in<br>Taiwan | Credit co-<br>operative<br>associations | Credit<br>departments of<br>farmer<br>associations | Credit<br>departments of<br>fishermen's<br>associations |
|-------------|------------------------|---------------|---|---|--|---|
|             | Head office            | Branch office |   |   |  |   |
| 1978        | 15                     | 514           | 13  | 75                                      | 278  | 4   |
| 1979        | 15                     | 512           | 13  | 75                                      | 278  | 4   |
| 1980        | 15                     | 520           | 21  | 75                                      | 281  | 4   |
| 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                     | 3 190         | 32  | 27                                      | 261  | 25  |



**of financial institutions**

| Medium<br>business<br>banks | The postal savings system |               | Investment<br>and trust<br>companies | Reinsurance<br>corporation | Life<br>insurance<br>companies | Property &<br>casualty<br>insurance<br>companies | Bills finance<br>companies | Securities<br>finance<br>companies |
|-----------------------------|---------------------------|---------------|--------------------------------------|----------------------------|--------------------------------|--|----------------------------|------------------------------------|
|                             | Head office               | Branch office |                                      |                            |                                |  |                            |                                    |
| 8                           | 1                         | 2 420         | 7                                    | 1                          | 9                              | 14   | 3                          | -                                  |
| 8                           | 1                         | 2 336         | 8                                    | 1                          | 9                              | 14   | 3                          | -                                  |
| 8                           | 1                         | 2 437         | 8                                    | 1                          | 9                              | 14   | 3                          | 1                                  |
| 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                                  |

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## 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, 1,033 items for wholesale prices, 230 items for import prices, 239 items for export prices and 106 items for construction cost and 2,364 units for house rent price indices. 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 8 cities, and the price investigation has since been conducted 3 times a month (specifically on the 5th, 15th and 25th days of the month) for some items or 9 times a month (specifically on the days of the month with the first digit being 2, 5, and 8) for some others, depending on the characteristics of their price changes. A total of 269 items of goods and services were designated for pricing in 8 counties, and price investigation has since been conducted once a month (specifically on the 15th day of the month) for some items or 3 times a month (specifically on the days of the month with the first digit being 5).

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 202 import categories; 230 items and 202 export categories; 239 items have been selected for pricing, and the prices of one to six brands of an item shall be reported.

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 148. Indices of wholesale price

2006 = 100

| Items   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   |
|---|--------|--------|--------|--------|--------|--------|
| General index                                       | 85.78  | 87.91  | 94.09  | 94.67  | 100.00 | 106.47 |
| Domestic sales including imports                    | 80.36  | 83.84  | 91.80  | 93.55  | 100.00 | 107.59 |
| Domestic sales excluding imports                    | 81.72  | 84.88  | 93.61  | 95.00  | 100.00 | 106.39 |
| Imports   | 78.60  | 82.64  | 89.72  | 91.90  | 100.00 | 108.95 |
| Exports   | 99.93  | 98.44  | 100.03 | 97.57  | 100.00 | 103.56 |
| Basic group indices                                 |        |        |        |        |        |        |
| Agriculture, forestry, livestock & fishery products | 85.53  | 89.80  | 100.82 | 105.64 | 100.00 | 101.52 |
| Farm products                                       | 81.96  | 81.45  | 92.29  | 106.23 | 100.00 | 99.59  |
| Poultry & livestock products                        | 86.50  | 97.41  | 109.57 | 109.14 | 100.00 | 105.42 |
| Forest products                                     | 97.82  | 96.86  | 96.93  | 98.86  | 100.00 | 95.97  |
| Aquatic products                                    | 90.59  | 93.95  | 103.86 | 100.30 | 100.00 | 99.82  |
| Quarrying and mineral products                      | 57.67  | 66.52  | 76.58  | 77.99  | 100.00 | 118.01 |
| Energy minerals                                     | 69.87  | 76.69  | 82.65  | 91.89  | 100.00 | 115.10 |
| Manufacturing products                              | 89.76  | 90.75  | 96.40  | 95.81  | 100.00 | 105.28 |
| Foods   | 91.19  | 92.39  | 98.93  | 98.31  | 100.00 | 107.03 |
| Beverages   | 99.18  | 99.81  | 100.05 | 99.96  | 100.00 | 100.07 |
| Tobaccos  | 87.36  | 87.88  | 87.88  | 87.88  | 100.00 | 100.97 |
| Textile products                                    | 95.45  | 97.20  | 99.29  | 98.67  | 100.00 | 104.02 |
| Ready-made apparel & accessories                    | 109.25 | 107.20 | 103.63 | 99.47  | 100.00 | 100.17 |
| Leather, fur & related products                     | 93.21  | 93.05  | 95.08  | 97.27  | 100.00 | 103.74 |
| Lumber & bamboo products                            | 93.89  | 93.95  | 97.08  | 95.05  | 100.00 | 105.34 |
| Pulp, paper & allied products                       | 98.73  | 101.37 | 102.42 | 99.99  | 100.00 | 103.74 |
| Petroleum & coal products                           | 59.19  | 65.86  | 73.05  | 84.67  | 100.00 | 111.76 |
| Chemical material                                   | 59.71  | 68.28  | 87.02  | 92.15  | 100.00 | 110.24 |
| Chemical products & medical goods                   | 98.83  | 97.19  | 96.33  | 98.69  | 100.00 | 102.09 |
| Rubber & plastic products                           | 91.42  | 93.06  | 97.30  | 97.28  | 100.00 | 103.71 |
| Non-metallic mineral products                       | 84.17  | 86.12  | 95.81  | 96.98  | 100.00 | 105.90 |
| Basic metal   | 54.78  | 64.75  | 88.01  | 90.67  | 100.00 | 119.08 |
| Fabricated metal products                           | 76.07  | 81.48  | 95.29  | 97.26  | 100.00 | 110.78 |
| Electronic parts & components                       | 133.66 | 119.29 | 115.03 | 102.40 | 100.00 | 94.75  |
| Computers, electronic & optical products            | 142.86 | 133.10 | 120.39 | 106.22 | 100.00 | 94.70  |
| Electrical equipment                                | 73.96  | 73.69  | 78.77  | 82.45  | 100.00 | 107.08 |
| Machinery & equipment                               | 100.01 | 100.16 | 100.48 | 99.10  | 100.00 | 101.54 |
| Transportation equipment & parts                    | 100.87 | 101.51 | 101.01 | 99.90  | 100.00 | 101.40 |
| Furniture & fixtures                                | 91.96  | 92.77  | 97.50  | 98.71  | 100.00 | 102.83 |
| Miscellaneous products                              | 96.18  | 95.09  | 96.88  | 97.87  | 100.00 | 102.43 |
| Water supply, electricity & gas                     | 92.62  | 93.53  | 94.30  | 95.36  | 100.00 | 104.55 |
| Water supply  | 94.68  | 94.68  | 94.68  | 94.68  | 100.00 | 100.00 |
| Electricity   | 96.65  | 96.25  | 96.25  | 96.25  | 100.00 | 103.61 |
| Gas   | 71.44  | 78.64  | 83.84  | 90.99  | 100.00 | 111.57 |

**Table 149. Indices of wholesale price by industry**

2006 = 100

| Groups | Agriculture, forestry livestock & fishery products | Minerals products | Manufacturing products | Industrial products                    |                                    | Water supply, electricity & gas |
|--------|--|-------------------|------------------------|--|------------------------------------|---------------------------------|
|        |  |                   |                        | Non-heavy chemical industrial products | Heavy chemical industrial products |                                 |
| 1993   | 81.56  | 24.85             | 87.13                  | 82.41                                  | 91.73                              | 89.47                           |
| 1994   | 87.85  | 23.18             | 88.93                  | 85.08                                  | 92.84                              | 89.86                           |
| 1995   | 91.29  | 25.88             | 95.83                  | 91.46                                  | 100.24                             | 90.46                           |
| 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                          |

**Table 150. Indices of wholesale price by stage of processing**

2006 = 100

| Groups | Raw materials | Intermediate materials | Finished goods | Capital goods | Consumer goods | Consumer goods         |                            |
|--------|---------------|------------------------|----------------|---------------|----------------|------------------------|----------------------------|
|        |               |                        |                |               |                | Durable consumer goods | Non-durable consumer goods |
| 1993   | 40.56         | 77.40                  | 99.95          | 118.12        | 93.05          | 111.11                 | 88.38                      |
| 1994   | 41.06         | 79.88                  | 102.56         | 121.59        | 95.39          | 112.88                 | 90.96                      |
| 1995   | 43.37         | 88.04                  | 105.78         | 123.75        | 98.74          | 115.69                 | 94.56                      |
| 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                     |

**Table 151. Indices of consumer price by commodity quality**

2006 = 100

| Year | General index | General index excluding food | Commodity                |                          |                            |                            |         | Service |
|------|---------------|------------------------------|--------------------------|--------------------------|----------------------------|----------------------------|---------|---------|
|      |               |                              | Commodity including food | Commodity excluding food | Non-durable including food | Non-durable excluding food | Durable |         |
| 1983 | 66.95         | 68.73                        | 78.25                    | 98.64                    | 67.11                      | 85.14                      | 131.47  | 53.42   |
| 1984 | 66.93         | 69.74                        | 77.20                    | 98.94                    | 65.83                      | 85.08                      | 130.56  | 54.74   |
| 1985 | 66.83         | 70.49                        | 75.89                    | 98.11                    | 64.55                      | 84.33                      | 128.17  | 56.18   |
| 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         | 71.21                        | 76.07                    | 93.05                    | 65.18                      | 77.37                      | 124.33  | 59.67   |
| 1989 | 71.53         | 73.58                        | 78.18                    | 92.06                    | 67.73                      | 76.34                      | 121.27  | 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                      | 118.59  | 73.55   |
| 1992 | 80.63         | 83.17                        | 83.82                    | 94.19                    | 74.77                      | 80.37                      | 116.67  | 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                      | 119.41  | 84.42   |
| 1995 | 89.58         | 91.19                        | 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                      | 90.79                      | 105.68  | 98.13   |
| 2004 | 97.17         | 98.43                        | 95.52                    | 97.89                    | 92.45                      | 92.73                      | 103.99  | 98.63   |
| 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  |

Table 152. Indices of consumer price

2006 = 100

| Items                           | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   |
|---------------------------------|--------|--------|--------|--------|--------|--------|
| General index                   | 95.89  | 95.62  | 97.17  | 99.41  | 100.00 | 101.80 |
| Food                            | 90.11  | 90.04  | 93.84  | 100.64 | 100.00 | 102.85 |
| Cereals & cereal products       | 94.35  | 93.69  | 95.95  | 98.85  | 100.00 | 102.56 |
| Rice & rice products            | 98.98  | 94.06  | 95.83  | 100.00 | 100.00 | 99.82  |
| Meat                            | 87.73  | 88.76  | 95.07  | 100.84 | 100.00 | 103.28 |
| Meat products                   | 95.76  | 95.90  | 96.10  | 98.88  | 100.00 | 100.68 |
| Eggs                            | 71.84  | 77.76  | 83.27  | 104.21 | 100.00 | 105.00 |
| Fish & shellfish                | 89.24  | 91.57  | 94.99  | 99.30  | 100.00 | 106.19 |
| Processed fishes                | 92.81  | 94.36  | 94.54  | 97.32  | 100.00 | 100.91 |
| Vegetables                      | 71.35  | 77.32  | 84.68  | 109.53 | 100.00 | 109.49 |
| Processed vegetables            | 101.75 | 101.17 | 100.57 | 100.30 | 100.00 | 103.34 |
| Fruits                          | 77.13  | 71.24  | 82.95  | 98.97  | 100.00 | 96.46  |
| Processed fruits                | 96.76  | 96.75  | 97.39  | 98.72  | 100.00 | 100.55 |
| Dairy products                  | 95.56  | 95.76  | 97.36  | 98.81  | 100.00 | 105.78 |
| Bean and bean products          | 97.73  | 94.14  | 95.09  | 95.66  | 100.00 | 98.39  |
| Edible oil                      | 92.97  | 92.25  | 97.87  | 98.75  | 100.00 | 107.58 |
| Condiments                      | 99.31  | 99.69  | 99.73  | 99.29  | 100.00 | 100.48 |
| Alcoholic                       | 97.45  | 98.21  | 99.14  | 99.80  | 100.00 | 99.63  |
| Nonalcoholic beverages          | 102.25 | 101.72 | 102.08 | 101.33 | 100.00 | 100.26 |
| Cooked food                     | 97.95  | 96.41  | 97.60  | 98.74  | 100.00 | 102.57 |
| Food away from home             | 98.09  | 96.98  | 97.85  | 99.33  | 100.00 | 102.50 |
| Other food                      | 91.09  | 92.67  | 95.27  | 97.90  | 100.00 | 101.75 |
| Clothing                        | 98.08  | 99.43  | 102.54 | 102.47 | 100.00 | 103.01 |
| Garments                        | 99.82  | 100.91 | 105.07 | 104.54 | 100.00 | 103.17 |
| Footwear                        | 99.59  | 100.20 | 100.10 | 101.95 | 100.00 | 101.82 |
| Apparel services & accessories  | 91.99  | 93.07  | 94.80  | 94.87  | 100.00 | 103.37 |
| Housing                         | 99.96  | 98.89  | 98.78  | 99.16  | 100.00 | 100.94 |
| Residential rent                | 101.51 | 100.50 | 99.85  | 99.80  | 100.00 | 100.20 |
| Maintenance & repairs           | 90.98  | 90.53  | 93.03  | 96.21  | 100.00 | 104.41 |
| Household appliances            | 102.22 | 99.45  | 98.80  | 99.41  | 100.00 | 101.57 |
| Household keeping services      | 102.28 | 98.91  | 100.69 | 100.52 | 100.00 | 99.90  |
| Water, electricity & gas supply | 92.57  | 93.34  | 94.61  | 96.27  | 100.00 | 103.46 |
| Transportation & communication  | 94.52  | 95.11  | 97.09  | 98.35  | 100.00 | 101.72 |
| Transportation equipment        | 107.61 | 105.49 | 105.12 | 102.37 | 100.00 | 99.37  |
| Oils                            | 70.24  | 75.63  | 83.19  | 89.83  | 100.00 | 106.10 |
| Communication services          | 100.59 | 99.80  | 100.24 | 100.56 | 100.00 | 100.67 |
| Medicines & medical care        | 88.36  | 91.29  | 93.09  | 96.80  | 100.00 | 103.91 |
| Medical care services           | 84.63  | 88.76  | 90.85  | 95.82  | 100.00 | 100.45 |
| Medicines & health food         | 94.63  | 95.83  | 97.51  | 98.54  | 100.00 | 115.91 |
| Medical supplies & appliance    | 105.23 | 102.07 | 101.40 | 101.12 | 100.00 | 99.66  |
| Education & entertainment       | 101.27 | 99.95  | 100.06 | 99.83  | 100.00 | 100.61 |
| Educational expenses            | 100.56 | 99.65  | 99.35  | 99.64  | 100.00 | 100.33 |
| Entertainment expenses          | 103.17 | 100.80 | 102.13 | 100.37 | 100.00 | 101.42 |
| Miscellaneous                   | 95.91  | 95.48  | 96.08  | 95.76  | 100.00 | 101.90 |
| Tobacco & betelnut              | 89.52  | 90.05  | 91.21  | 89.85  | 100.00 | 103.83 |
| Cosmetic items                  | 100.66 | 99.47  | 99.28  | 99.91  | 100.00 | 100.99 |
| Personal care services          | 98.67  | 97.61  | 98.87  | 99.41  | 100.00 | 99.90  |
| Others                          | 101.98 | 100.58 | 99.97  | 99.52  | 100.00 | 101.04 |

**Table 153. Indices of import price by S.I.T.C.**

2006 = 100

| Groups                                      | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   |
|---|--------|--------|--------|--------|--------|--------|
| General index                               | 78.60  | 82.64  | 89.72  | 91.90  | 100.00 | 108.95 |
| Foods and edible live animals               | 78.73  | 83.47  | 91.42  | 86.90  | 100.00 | 124.65 |
| Beverages and tobaccos                      | 91.73  | 92.51  | 95.72  | 97.91  | 100.00 | 104.92 |
| Inedible crude materials, except fuels      | 68.05  | 76.51  | 85.26  | 91.40  | 100.00 | 117.47 |
| Fuels and related materials                 | 44.19  | 51.07  | 65.18  | 83.27  | 100.00 | 113.06 |
| Chemicals and related products              | 71.97  | 79.66  | 92.05  | 94.57  | 100.00 | 108.66 |
| Manufacturing goods classified by materials | 53.46  | 59.79  | 75.52  | 78.49  | 100.00 | 121.13 |
| Machinery and transport equipments          | 114.33 | 112.47 | 109.74 | 102.21 | 100.00 | 98.77  |
| Miscellaneous products                      | 107.14 | 108.56 | 106.94 | 100.82 | 100.00 | 101.47 |

**Table 154. Indices of export price by S.I.T.C.**

2006 = 100

| Groups                                      | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   |
|---|--------|--------|--------|--------|--------|--------|
| General index                               | 99.93  | 98.44  | 100.03 | 97.57  | 100.00 | 103.56 |
| Foods and edible live animals               | 83.32  | 88.51  | 97.66  | 96.58  | 100.00 | 100.19 |
| Inedible crude materials, except fuels      | 67.23  | 78.28  | 90.51  | 94.48  | 100.00 | 110.90 |
| Chemicals and related products              | 73.26  | 78.77  | 92.50  | 94.41  | 100.00 | 110.50 |
| Manufacturing goods classified by materials | 79.99  | 83.89  | 92.75  | 94.63  | 100.00 | 110.04 |
| Machinery and transport equipments          | 123.25 | 114.50 | 108.52 | 100.77 | 100.00 | 97.72  |
| Miscellaneous products                      | 91.94  | 93.82  | 94.42  | 95.95  | 100.00 | 104.10 |



## 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. 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 governer, Taiwan provincial assemblymen, mayers and councilmen at Taipei and Kaohsiung Cities, county(or city)councilmen, county magistrates, and city mayors in Taiwan Province. The term for each of these offices is four years.

For additional information on civil service personnel, please refer to the *Personnel Affairs Statistics* published by the Ministry of Civil Service. For additional information on elections, please refer to the *Election Statistics Abstract of R.O.C.*, *the Consolidated Report on Status of Local Public Office elections*, and *the Central Public Office Elections in free District During Mobilization Period -- Election Records* published by the Central Election Commission.

Table 155. Civil service personnel

| Year | Total   | Administrative agencies |                    |                   |
|------|---------|-------------------------|--------------------|-------------------|
|      |         | Sub-total               | Central government | Local governments |
| 1978 | 391 512 | 129 237                 | 32 972             | 96 265            |
| 1979 | 403 809 | 132 577                 | 34 509             | 98 068            |
| 1980 | 420 409 | 144 792                 | 37 062             | 107 730           |
| 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           |

Note : 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 |
| 114 512            | 49 885             | 64 627            | 147 763              | 7 771              | 139 992           |
| 120 156            | 54 048             | 66 108            | 151 076              | 9 025              | 142 051           |
| 121 957            | 57 173             | 64 784            | 153 660              | 10 085             | 143 575           |
| 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            |

**Table 156. Civil service**

| Year | Total   | 24 <sup>-</sup> | 25-29  | 30-34   | 35-39   |
|------|---------|-----------------|--------|---------|---------|
| 1977 | 382 729 | 28 959          | 67 995 | 54 013  | 49 786  |
| 1978 | 391 512 | 27 734          | 68 777 | 57 651  | 51 256  |
| 1979 | 403 809 | 33 942          | 71 767 | 60 872  | 51 956  |
| 1980 | 420 409 | 29 051          | 72 531 | 71 211  | 52 294  |
| 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  |

Note : 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) |
|---------|--------|--------|--------|--------|-------|------------------------|
| 39 440  | 49 774 | 51 388 | 28 845 | 11 466 | 1 063 | 40.0                   |
| 40 772  | 46 179 | 53 423 | 31 930 | 12 706 | 1 084 | 40.2                   |
| 42 199  | 45 097 | 52 918 | 31 836 | 12 217 | 1 005 | 39.6                   |
| 44 922  | 40 739 | 53 235 | 38 915 | 16 012 | 1 499 | 40.1                   |
| 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                   |

Table 157. 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<br>(287)         | 201<br>(...) | 17<br>(...) |
| Control Yuan Members             | -          | 175             | 1980              | 12    | 29  | 54<br>(75)           | 47<br>(...)  | 7<br>(...)  |
| 1983                             |            |                 |                   |       |     |                      |              |             |
| Legislators                      | 18 647 856 | 10 908 171      | 1983              | 12    | 3   | 171<br>(270)         | 149<br>(...) | 22<br>(...) |
| 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<br>(...)         | 125<br>(...) | 12<br>(...) |
| 1989                             |            |                 |                   |       |     |                      |              |             |
| Legislators                      | 20 040 882 | 12 600 901      | 1989              | 12    | 2   | 302<br>(...)         | 276<br>(...) | 26<br>(...) |
| 1991                             |            |                 |                   |       |     |                      |              |             |
| 2nd term National<br>assemblymen | 20 491 467 | 13 083 119      | 1991              | 12    | 21  | 627<br>(160)         | 551<br>(145) | 76<br>(15)  |
| 1992                             |            |                 |                   |       |     |                      |              |             |
| 2nd term legislators             | 20 685 341 | 13 421 170      | 1992              | 12    | 19  | 348<br>(55)          | 312<br>(45)  | 36<br>(10)  |
| 1995                             |            |                 |                   |       |     |                      |              |             |
| 3rd term legislators             | 21 263 225 | 14 153 420      | 1995              | 12    | 2   | 332<br>(65)          | 292<br>(55)  | 40<br>(10)  |
| 1996                             |            |                 |                   |       |     |                      |              |             |
| 1st term President               | 21 311 885 | 14 313 288      | 1996              | 3     | 23  | 4                    | 4            | 0           |
| 3rd term National<br>assemblymen | 21 222 112 | 14 130 084      | 1996              | 3     | 23  | 432<br>(159)         | 353<br>(135) | 79<br>(24)  |
| 1998                             |            |                 |                   |       |     |                      |              |             |
| 4th term legislators             | 21 833 772 | 14 961 930      | 1998              | 12    | 5   | 397<br>(101)         | 333<br>(79)  | 64<br>(22)  |
| 2000                             |            |                 |                   |       |     |                      |              |             |
| 2nd term President               | 22 134 777 | 15 462 625      | 2000              | 3     | 18  | 5                    | 5            | 0           |
| 2001                             |            |                 |                   |       |     |                      |              |             |
| 5th term legislators             | 22 350 363 | 15 822 583      | 2001              | 12    | 1   | 455<br>(129)         | 372<br>(102) | 83<br>(27)  |
| 2004                             |            |                 |                   |       |     |                      |              |             |
| 3rd term President               | 22 573 965 | 16 507 179      | 2004              | 3     | 20  | 2                    | 2            | 0           |
| 6th term legislators             | 22 640 250 | 16 559 254      | 2004              | 12    | 11  | 386<br>(106)         | 321<br>(75)  | 65<br>(31)  |

**Note :** 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 %<br>of 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)    |            |                                       |                                      |  |
| 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    | 0      | 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    | 0      | 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    | 0      | 13 251 719 | 73.12                                 | 80.28                                | 50.00                                      |
| 176                         | 144  | 32     | 9 796 299  | 73.14                                 | 59.16                                | 45.60                                      |
| (49)                        | (34) | (15)   |            |                                       |                                      |  |

Table 158. Local

| Year and kind of elected offices                                    | Population | Eligible voters | Date of balloting |       |     | Number of candidates |      |        |
|---|------------|-----------------|-------------------|-------|-----|----------------------|------|--------|
|   |            |                 | Year              | Month | Day | Sub-total            | Male | Female |
| Taiwan Province<br>Governor<br>1st term                             | 16 960 902 | 11 184 258      | 1994              | 12    | 3   | 5                    | 5    | 0      |
| Councilmen<br>9th term  | 15 920 458 | 9 964 122       | 1989              | 12    | 2   | 157                  | 126  | 31     |
| 10th term   | 16 960 902 | 11 111 497      | 1994              | 12    | 3   | 176                  | 144  | 32     |
| Taipei Municipality<br>Mayor<br>1st term                            | 2 651 419  | 1 816 986       | 1994              | 12    | 3   | 4                    | 4    | 0      |
| 2nd term  | 2 622 171  | 1 868 860       | 1998              | 12    | 5   | 3                    | 3    | 0      |
| 3rd term  | 2 639 094  | 1 947 169       | 2002              | 12    | 7   | 2                    | 2    | 0      |
| 4th term  | 2 627 474  | 2 008 434       | 2006              | 12    | 9   | 6                    | 5    | 1      |
| Councilmen<br>2nd term  | 1 957 451  | 1 023 809       | 1973              | 12    | 1   | 63                   | 55   | 8      |
| 3rd term  | 2 111 218  | 1 175 477       | 1977              | 11    | 19  | 61                   | 53   | 8      |
| 4th term  | 2 245 215  | 1 314 260       | 1981              | 11    | 14  | 83                   | 72   | 11     |
| 5th term  | 2 475 037  | 1 538 774       | 1985              | 11    | 16  | 74                   | 64   | 10     |
| 6th term  | 2 700 373  | 1 753 905       | 1989              | 12    | 2   | 100                  | 76   | 24     |
| 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<br>Mayor<br>1st term                         | 1 413 240  | 926 318         | 1994              | 12    | 3   | 5                    | 5    | 0      |
| 2nd term  | 1 454 439  | 1 004 872       | 1998              | 12    | 5   | 4                    | 4    | 0      |
| 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<br>1st term  | 1 213 318  | 666 020         | 1981              | 11    | 14  | 81                   | 66   | 15     |
| 2nd term  | 1 294 081  | 758 818         | 1985              | 11    | 16  | 71                   | 58   | 13     |
| 3rd term  | 1 369 827  | 843 400         | 1989              | 12    | 2   | 94                   | 79   | 15     |
| 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<br>mayors of Taiwan province<br>8th term | 14 553 971 | 7 713 194       | 1977              | 11    | 19  | 36                   | 36   | 0      |
| 9th term  | 14 471 287 | 8 146 010       | 1981              | 11    | 14  | 56                   | 54   | 2      |
| 10th term   | 15 336 337 | 9 119 020       | 1985              | 11    | 16  | 54                   | 50   | 4      |
| 11th term   | 15 920 458 | 9 963 065       | 1989              | 12    | 2   | 69                   | 64   | 5      |
| 12th term   | 16 778 843 | 10 841 653      | 1993              | 11    | 27  | 77                   | 68   | 9      |
| 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      |



**public office elections**

persons, %

| Number of elected officials |      |        | Turn-outs | Eligible voters as<br>% of population | Turn-outs as %<br>of eligible voters | Elected officials<br>as % of<br>candidates |
|-----------------------------|------|--------|-----------|---------------------------------------|--------------------------------------|--|
| Sub-total                   | Male | Female |           |                                       |                                      |  |
| 1                           | 1    | 0      | 8 405 930 | 65.94                                 | 76.15                                | 20.00                                      |
| 77                          | 64   | 13     | 7 561 548 | 62.59                                 | 75.89                                | 49.04                                      |
| 79                          | 63   | 16     | 8 480 047 | 65.51                                 | 76.32                                | 44.89                                      |
| 1                           | 1    | 0      | 1 426 852 | 68.53                                 | 78.53                                | 25.00                                      |
| 1                           | 1    | 0      | 1 511 635 | 71.27                                 | 80.89                                | 33.33                                      |
| 1                           | 1    | 0      | 1 374 862 | 73.78                                 | 70.61                                | 50.00                                      |
| 1                           | 1    | 0      | 1 295 790 | 76.44                                 | 64.52                                | 16.67                                      |
| 49                          | 42   | 7      | 620 070   | 52.30                                 | 60.57                                | 77.78                                      |
| 51                          | 43   | 8      | 830 454   | 55.68                                 | 70.65                                | 83.60                                      |
| 51                          | 44   | 7      | 892 257   | 58.54                                 | 67.89                                | 61.45                                      |
| 51                          | 42   | 9      | 1 008 350 | 62.17                                 | 65.53                                | 68.92                                      |
| 51                          | 41   | 10     | 1 215 160 | 64.95                                 | 69.28                                | 51.00                                      |
| 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    | 0      | 746 469   | 65.55                                 | 80.58                                | 20.00                                      |
| 1                           | 1    | 0      | 807 996   | 69.09                                 | 80.41                                | 25.00                                      |
| 1                           | 1    | 0      | 779 911   | 72.42                                 | 71.38                                | 20.00                                      |
| 1                           | 0    | 1      | 774 490   | 75.39                                 | 67.93                                | 20.00                                      |
| 42                          | 36   | 6      | 511 136   | 54.89                                 | 76.74                                | 51.85                                      |
| 42                          | 36   | 6      | 574 281   | 58.64                                 | 75.68                                | 59.15                                      |
| 43                          | 37   | 6      | 669 307   | 61.57                                 | 79.36                                | 45.74                                      |
| 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                                      |
| 20                          | 20   | 0      | 6 200 527 | 53.00                                 | 80.39                                | 55.56                                      |
| 19                          | 19   | 0      | 5 860 222 | 56.29                                 | 71.94                                | 33.93                                      |
| 21                          | 19   | 2      | 6 572 950 | 59.46                                 | 72.08                                | 38.89                                      |
| 21                          | 18   | 3      | 7 561 506 | 62.58                                 | 75.90                                | 30.43                                      |
| 23                          | 22   | 1      | 7 662 724 | 64.62                                 | 70.68                                | 29.87                                      |
| 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                                      |



## by the government of the Republic of China

Persons

| 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | ... |
|------|------|------|------|------|------|------|------|------|------|------|-----|
| 326  | 290  | 273  | 305  | 304  | 277  | 247  | 252  | 278  | 245  | ...  |     |
| 105  | 91   | 98   | 100  | 109  | 100  | 89   | 79   | 104  | 90   | ...  |     |
| -    | -    | 11   | 11   | 10   | 7    | 7    | -    | -    | -    | ...  |     |
| 15   | 11   | 10   | 10   | 21   | 20   | 11   | 10   | 29   | 29   | ...  |     |
| 20   | 20   | 20   | 19   | 15   | 17   | 14   | 13   | 14   | 14   | ...  |     |
| 12   | 9    | -    | -    | -    | -    | -    | -    | -    | -    | ...  |     |
| 15   | 13   | -    | -    | -    | -    | -    | -    | -    | -    | ...  |     |
| 15   | 12   | 10   | 16   | 17   | 15   | 17   | 15   | 16   | 15   | ...  |     |
| 4    | -    | -    | -    | -    | -    | -    | -    | -    | -    | ...  |     |
| 10   | 11   | 10   | 10   | 10   | 9    | 10   | 11   | 10   | 11   | ...  |     |
| 14   | 15   | 15   | 14   | 17   | 14   | 13   | 13   | 14   | -    | ...  |     |
| -    | -    | 14   | 13   | 12   | 12   | 11   | 11   | 13   | 13   | ...  |     |
| -    | -    | 8    | 7    | 7    | 6    | 6    | 6    | 8    | 8    | ...  |     |
| -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | ...  |     |
| 8    | 8    | 4    | 27   | 24   | 23   | 10   | 23   | 22   | 10   | ...  |     |
| -    | -    | -    | 24   | 20   | 20   | 6    | 19   | 19   | 6    | ...  |     |
| 8    | 8    | 4    | 3    | 4    | 3    | 4    | 4    | 3    | 4    | ...  |     |
| 58   | 52   | 44   | 41   | 36   | 33   | 31   | 31   | 39   | 38   | ...  |     |
| 4    | 4    | 2    | 2    | 2    | 2    | 2    | 1    | 1    | -    | ...  |     |
| 17   | 21   | 10   | 10   | 11   | 8    | 8    | 8    | 8    | 8    | ...  |     |
| 6    | 3    | 5    | 5    | 5    | 5    | 5    | 4    | 5    | 5    | ...  |     |
| -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | ...  |     |
| -    | -    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | ...  |     |
| 9    | 10   | 8    | 8    | 2    | 4    | 4    | 6    | 6    | 6    | ...  |     |
| 6    | 5    | 4    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | ...  |     |
| 13   | 7    | 8    | 7    | 7    | 5    | 5    | 4    | 5    | 5    | ...  |     |
| 3    | 2    | 3    | 2    | 2    | 2    | -    | -    | -    | -    | ...  |     |
| -    | -    | -    | -    | -    | -    | -    | -    | 7    | 7    | ...  |     |
| 155  | 139  | 127  | 131  | 129  | 121  | 117  | 119  | 113  | 107  | ...  |     |
| 11   | 13   | 10   | 10   | 11   | 12   | 13   | 12   | 12   | 11   | ...  |     |
| 9    | 11   | 10   | 12   | 11   | 9    | 8    | 8    | 8    | 8    | ...  |     |
| 6    | 6    | 2    | 3    | 3    | 3    | 3    | 3    | 3    | 4    | ...  |     |
| 12   | 15   | 13   | 14   | 13   | 12   | 12   | 12   | 12   | 12   | ...  |     |
| 20   | -    | 11   | 12   | 11   | 9    | 8    | 9    | 10   | 10   | ...  |     |
| 13   | 13   | 11   | 11   | 11   | 10   | 10   | 10   | 10   | 10   | ...  |     |
| 10   | 10   | 9    | 9    | 9    | 9    | 9    | 8    | 9    | 9    | ...  |     |
| 8    | 18   | 9    | 9    | 9    | 8    | 8    | 8    | 6    | 6    | ...  |     |
| 6    | 10   | 12   | 11   | 10   | 10   | 10   | 11   | 10   | 10   | ...  |     |
| 14   | 13   | 10   | 9    | 9    | 12   | 10   | 10   | 8    | 8    | ...  |     |
| 8    | 8    | 6    | 6    | 7    | 6    | 6    | 6    | 6    | 6    | ...  |     |
| 6    | -    | -    | -    | -    | -    | -    | -    | -    | -    | ...  |     |
| 3    | 3    | 4    | 4    | 4    | 3    | 4    | 4    | 4    | 4    | ...  |     |
| 8    | 4    | 6    | 6    | 5    | 5    | 4    | 5    | -    | -    | ...  |     |
| 6    | -    | -    | -    | -    | -    | -    | -    | -    | -    | ...  |     |
| 7    | 7    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | ...  |     |
| 8    | 8    | 8    | 9    | 10   | 7    | 6    | 7    | 7    | -    | ...  |     |
| -    | -    | -    | -    | -    | -    | -    | -    | 2    | 3    | ...  |     |
| -    | -    | -    | 6    | 6    | -    | -    | -    | -    | -    | ...  |     |
| -    | -    | -    | 6    | 6    | -    | -    | -    | -    | -    | ...  |     |



**Table 161. 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. |
|-------------|-------|---------------------------------|-------------------|--------------------------------------|--|---------------------------------|---|----------------------|-------------------|
| 1978        | 187   | 36                              | 39                | 2                                    | 17                                       | 42                              | 38                                      | 5                    | 8                 |
| 1979        | 204   | 52                              | 41                | -                                    | -  | 38                              | 16                                      | 26                   | 31                |
| 1980        | 178   | 20                              | 12                | 2                                    | 15                                       | 50                              | 49                                      | 7                    | 23                |
| 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                 |